

JUKI®

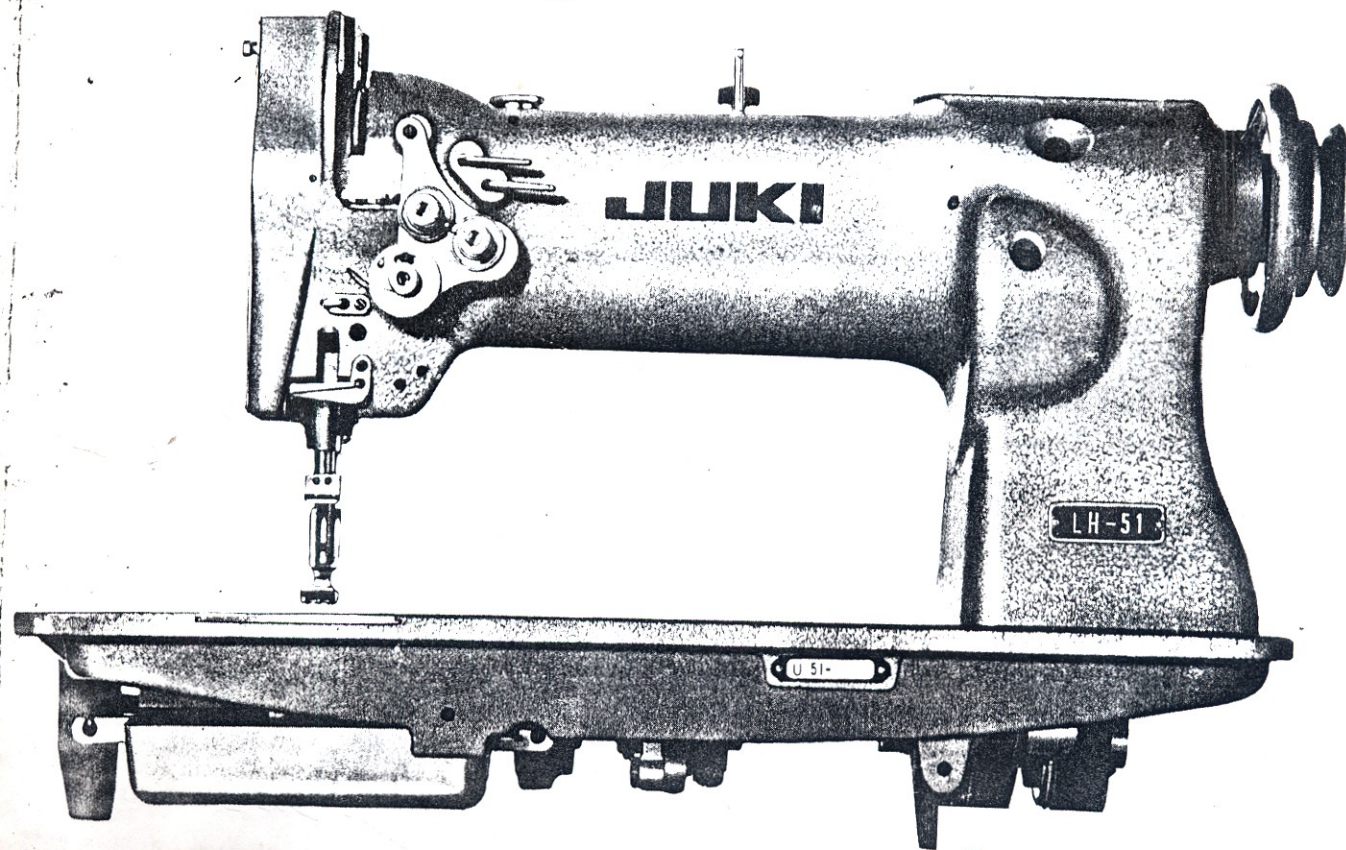
model **LH-51**

Two-Needle Needle Feed Lockstitch
Industrial Sewing Machine

Of Jellies

PARTS * BOOK

DESCANTADO
COM PRAS



Cavemac

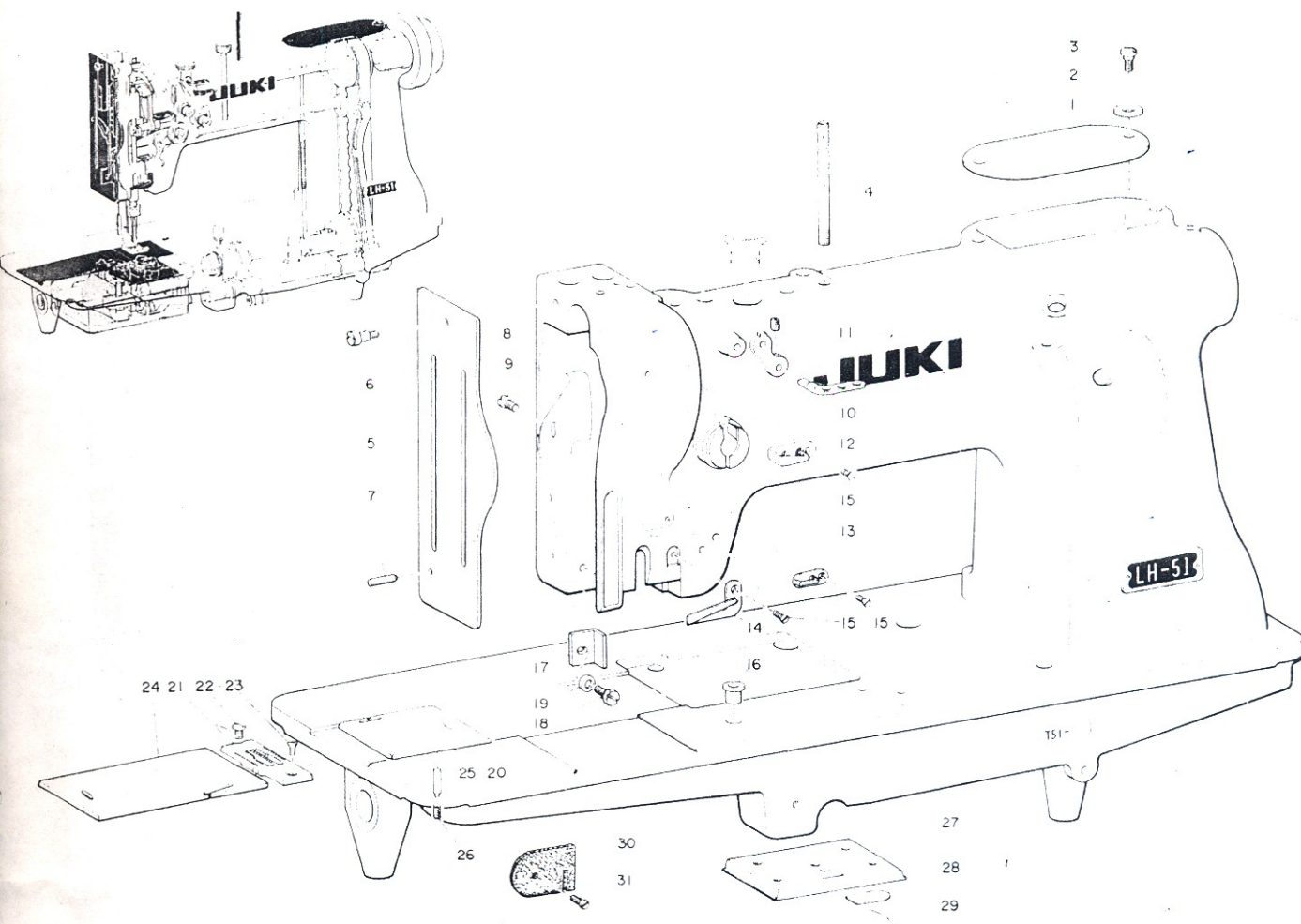
TOKYO JUKI INDUSTRIA

Controle do Acervo de Catálogos

Identificação	325
Edição	ÚNICA
Conteúdo	JUKI LH-51

00000325

FRAME & MISCELLANEOUS COVERS COMPONENTS

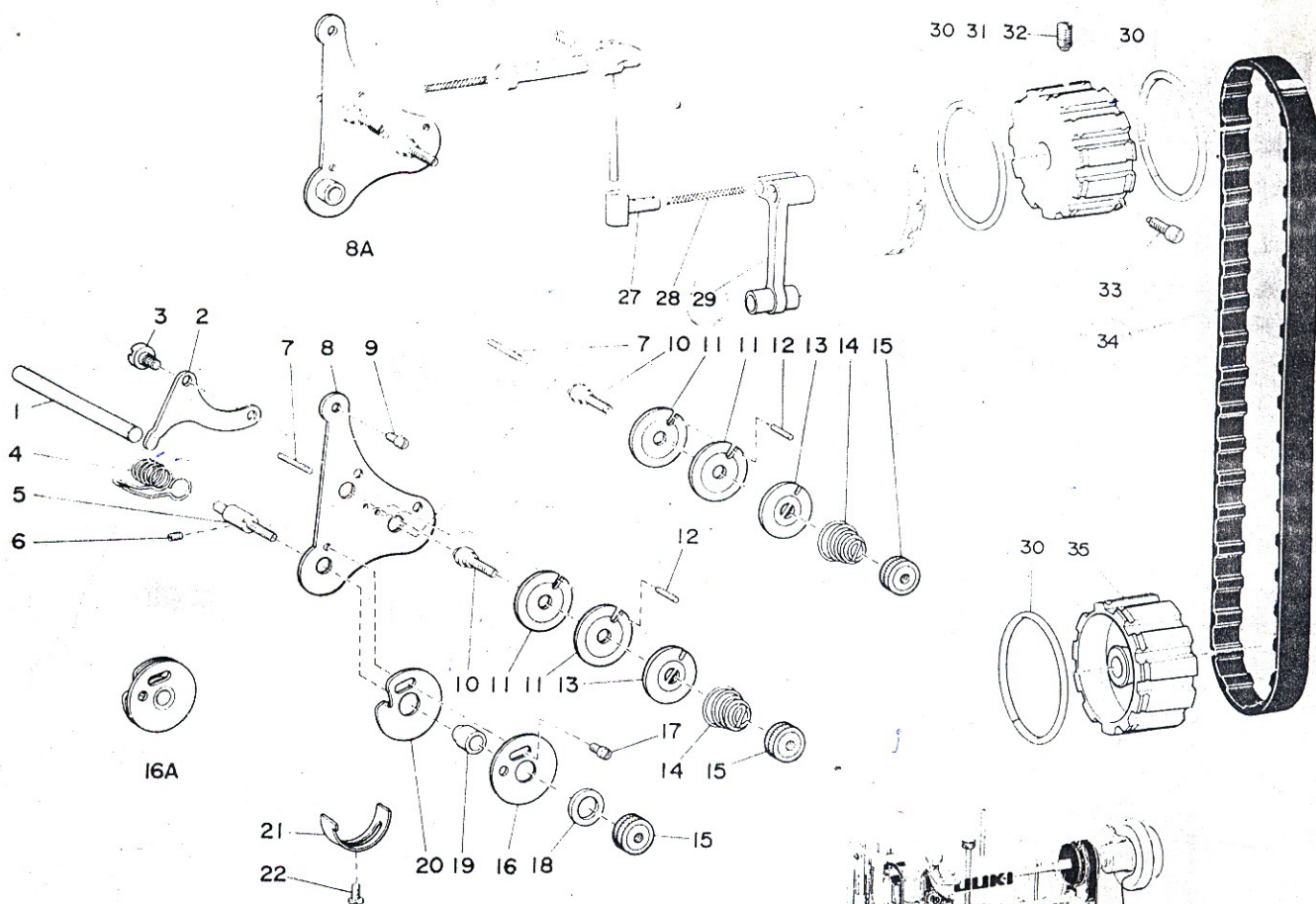


Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-1150-051-000 511150	Top cover	1	17	B-1423-051-000 511423	Needle bar frame guide	1
2	B-1152-051-000 511152	...Washer	1	18	SS-9111010-SK 1182ph	...Screw	1
3	SD-0630241-SD D063001	...Screw	1	19	WP-0480856-SP W481ph	...Washer	1
4	B-1114-051-000 511114	Needle thread guide pin	1	20	B-1113-053-000 531113	Bed slide, right	1
5	B-3101-051-000 513101	Face plate	1	21	B-1109-051-000 511109	Throat plate	1
6	B-3106-019-000 193106	...Screw	1	22	SS-6090630-SP 09218ph	...Adjusting screw	1
7	B-1103-051-000 511101 (1)	...Pin	1	23	SS-2110910-SP 1101ph	...Screw	1
8	B-1140-051-000 511140	Take-up oil splasher	1	24	B-1112-051-000 511112	Bed slide, left	1
9	SS-3090610-SP 0978ph	...Screw	1	25	B-1105-051-000 511105	Pin, for bed slide, right	1
10	B-1128-051-000 511128	Three-hole thread eyelet	1	26	B-1106-051-000 511106	...Spring	1
11	SS-8110510-SP 1151ph	...Screw	1	27	B-1110-051-000 511110	Bed slide, front	1
12	B-1129-051-000 511129	Frame thread guide, upper	1	28	B-1111-051-00A 511111 (1)	...Stopper	1
13	B-1130-051-000 511130	Frame thread guide, middle	1	29	B-1111-051-00B 511111 (2)	...Spring	1
14	B-1131-051-000 511131	Frame thread guide, lower	1	30	B-1141-051-000 511141	Take-up oil splasher felt	1
15	SS-2090710-SP 0904ph	...Screw	4	31	SS-3090610-SP 0978ph	...Screw	1
16	B-1157-009-000 91157	Bed oil cup	3				

THREAD CONTROLLER & TAKE-UP LEVER COMPONENTS

23 24 25 26

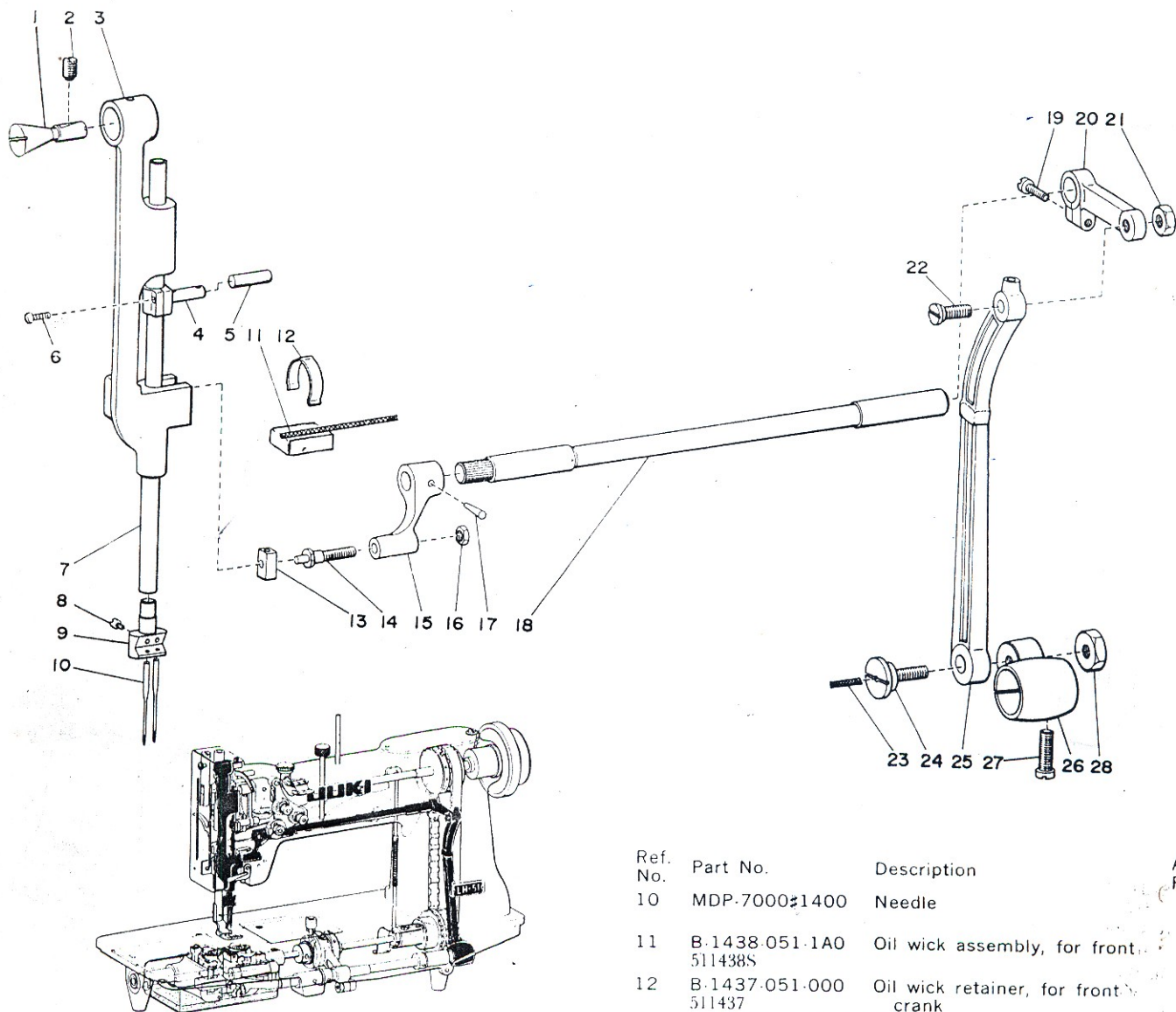
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Ref. No.	Part No.	Description	Amt. Req.
1	B-3122-053-000 533122	Thread release lever pushing bar	1
2	B-3134-051-000 513134	Thread release lever	1
3	SD-0470281-SP D048001h	...Screw	2
4	B-3128-051-000 513128	Take-up spring	1
5	B-3123-051-000 513123	Take-up spring stud	1
6	SS-8111251-SP 1158ph	...Screw	1
7	B-3127-051-000 513127	Thread release pin	2
8A	B-3121-051-0A0 513121S	Thread controller assembly	1
8	B-3121-051-000 513121	Thread controller base	1
9	SS-7110720-SP 1130ph	...Screw	1
10	B-3124-051-000 513124	Thread tension stud	2
11	B-3126-051-999 513126	Thread tension disc	4
12	B-3131-051-000 513131	...Pin	2
13	B-3132-051-000 513132	...Releasing washer	2
14	B-3129-051-000 513129	Thread tension spring	2
15	B-3125-012-000 123125	Thread tension stud nut	3
16A	B-3137-051-0A0 513137S	Take-up spring guide disc assembly	1
16	B-3137-051-000 513137 (4)	Take-up spring guide disc	1
17	SS-4080610-SP 0822ph	...Screw	1

Ref. No.	Part No.	Description	Amt. Req.
18	B-3137-051-00C 513137 (3)	Take-up spring guide stud	1
19	B-3137-051-00A 513137 (1)	Take-up spring guide taper stud	1
20	B-3137-051-00B 513137 (2)	Take-up spring guide disc, intermediate	1
21	B-3138-051-000 513138	Take-up spring adjusting plate	1
22	SS-7090520-SP 0921ph	...Screw	1
23	B-1204-051-000 511204	Oil wick, for take-up lever pin	1
24	B-1906-051-000 511906	Take-up lever pin	1
25	SS-8151150-SP 1552ph	...Screw	1
26	B-1905-051-000 511905	Take-up lever	1
27	B-1907-051-000 511907	Take-up lever thrust pin	1
28	B-1204-051-000 511204	...Oil wick	1
29	B-1408-051-000 511408	Needle bar crank rod	1
30	B-1214-019-000 191214	Sprocket wheel ring	1
31	B-1302-051-000 511302	Sprocket wheel, upper	1

NEEDLE BAR FRAME COMPONENTS



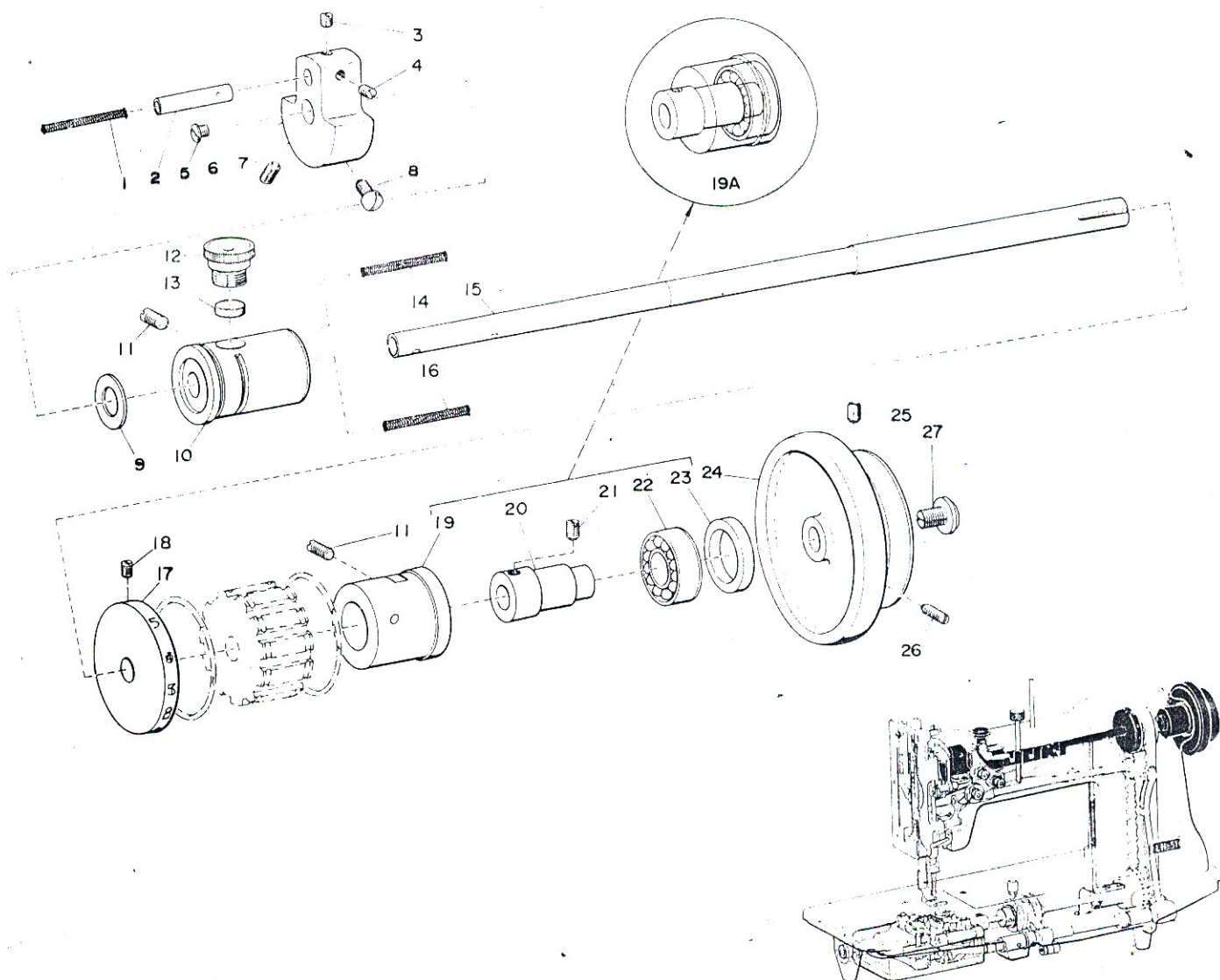
Ref. No.	Part No.	Description	Amt. Req.
1	B-1421-051-000 511421	Needle bar frame taper stud	1
2	SS-8151160-SK 1563fh	...Screw	1
3	B-1420-051-000 511420	Needle bar frame	1
4	B-1411-051-000 511411	Needle bar connection	1
5	B-1412-051-000 511412	...Roller felt	1
6	SS-7090910-SP 0941ph	...Screw	1
7	B-1401-051-000 511401	Needle bar	1
8	SS-6090410-TP 0979ph	Screw, for needle	2
9	B-1402-051-000 511402	Needle clamp (1/16")	1

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32	SS-7681750-TP 6822ph	...Screw (B)	1
33	SS-8681650-TP 6851ph	...Screw (A)	1
34	B-1301-051-000 511301	Timing belt	1
35	B-1303-051-A00	Sprocket wheel, lower	1
35)	B-1303-051-B00	Sprocket wheel, lower	(1)

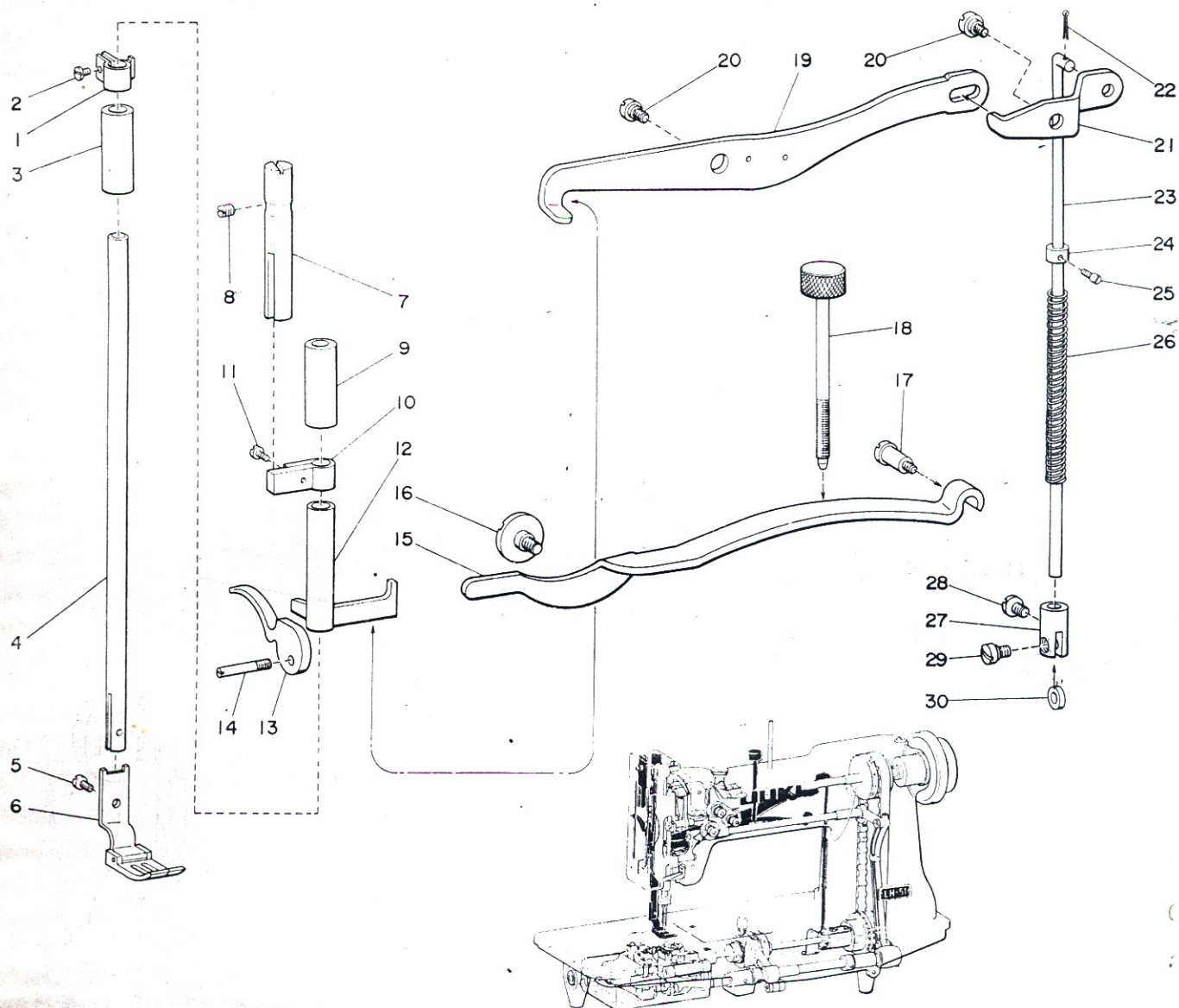
Ref. No.	Part No.	Description	Amt. Req.
10	MDP-700021400	Needle	2
11	B-1438-051-1A0 511438S	Oil wick assembly, for front	1
12	B-1437-051-000 511437	Oil wick retainer, for front crank	1
13	B-1425-051-000 511425	Needle bar frame slide block	1
14	B-1426-051-000 511426	Needle bar frame slide block stud	1
15	B-1428-051-000 511428	Needle bar frame rock shaft front crank	1
16	NS-6620310-SP N621ph	Lock nut, for slide block stud	1
17	PT-0301600-SO TP3016	Knock pin, for front crank	1
18	B-1429-051-000 511429	Needle bar frame rock shaft	1
19	SS-6151440-SP 1525ph	Screw, for rear crank	1
20	B-1431-051-000 511431	Needle bar frame rock shaft rear crank	1
21	NS-6160520-SP N161ph	...Lock nut, for hinge screw	1
22	SD-0790801-SP D079406h	...Hinge screw	1
23	B-1204-051-000 511204	Oil wick, for driving rod	1
24	SD-0950801-SP D095002h	Hinge screw, for driving rod crank	1
25	B-1434-051-000 511434	Needle bar frame rock shaft driving rod	1
26	B-1435-051-000 511435	Needle bar frame rock shaft driving rod crank	1
27	SS-7151210-SP 1522ph	...Clamp screw	1
28	NS-6700420-SP N705ph	...Nut	1

UPPER MAIN SHAFT COMPONENTS



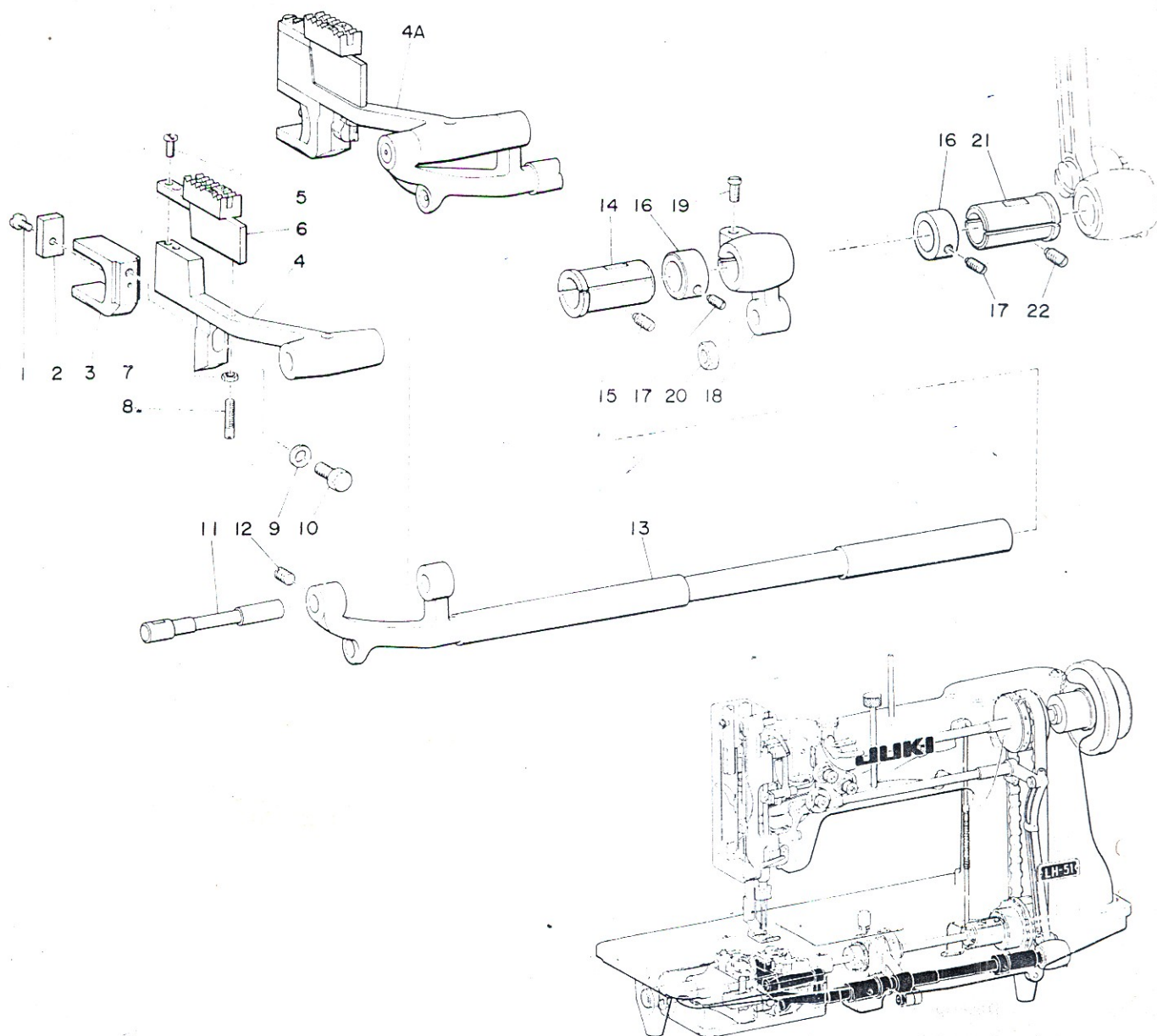
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-1204-051-000 511204	Oil wick, for needle bar crank pin	1	15	B-1201-051-000 511201	Upper main shaft	1
2	B-1210-051-000 511210	Needle bar crank pin	1	16	B-1204-051-000 511204	...Oil wick	1
3	SS-8680540-SK 6857fh	...Screw (1)	1	17	B-1220-051-000 511220	Stitch graduator	1
4	SS-8680730-SK 6853fh	...Screw (2)	1	18	SS-8151230-SP 1557ph	...Screw	2
5	B-1207-051-000 511207	Plug screw, for upper main shaft	1	19A	B-1216-051-0A0	Upper main shaft rear bushing	1
6	B-1206-051-000 511206	Counterweight	1	19	B-1216-051-000 511216 (1)	Upper main shaft rear bushing (1)	1
7	SS-8681650-TP 6851ph	...Screw	1	20	B-1217-051-000 511216 (2)	Upper main shaft rear bushing (2)	1
8	SS-7681750-TP 6822ph	...Screw (S)	1	21	SS-8150710-SP 1555ph	...Screw	2
9	B-1205-051-000 511205	Thrust washer, for front bushing	1	22	B-1219-051-000 511219	Upper main shaft rear bearing	1
10	B-1202-051-000 511202	Upper main shaft front bushing	1	23	B-1218-051-000 511218	Upper main shaft rear bearing retaining collar	1
11	SS-8151350-SP 1551ph	...Screw	2	24	B-1227-051-000 511227	Hand wheel	1
12	B-3501-051-000 513501	...Oil filler sleeve	1	25	SS-8152030-SP 1556ph	...Screw	1
13	B-1203-051-000 511203	...Oil felt	1	26	SS-8151780-SP 1567ph	...Screw (S)	1
14	B-1204-051-000 511204	...Oil wick	1	27	B-1233-012-000 121233	...Adjusting screw	1

PRESSER BAR & KNEE LIFTER COMPONENTS



Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-1507-051-000 511507	Presser bar connection	1	16	SD-0800481-SP D080008h	Hinge screw, for hand lifter lever	1
2	SS-7090910-SP 0941ph	...Screw	1	17	SD-0801601-SP D080013h	Screw stud, for adjusting plate spring	1
3	B-1503-051-A00 511503 (2)	Presser bar bushing	1	18	B-1509-051-000 511509	Pressure regulating thumb screw	1
4	B-1501-040-000 401501	Presser bar	1	19	B-3409-051-000 513409	Knee lifter front lever	1
5	SS-6090910-SP 0925ph	Screw, for presser foot	1	20	SD-0790361-SP D079401h	...Hinge screw	2
6	B-1524-051-0A0 511524S	Presser foot assembly	1	21	B-3410-051-000 513410	Knee lifter rear lever	1
7	B-1502-051-000 511502	Presser bar guide sleeve	1	22	PD-0231100-OB DP25126	Cotter pin, for rear lifting bar	2
8	SS-8150750-SP 1553ph	...Screw	1	23	B-3413-051-000 513413	Rear lifting bar	1
9	B-1503-051-B00 511503 (1)	Presser bar bushing	1	24	CS-0510713-SC S05101	Rear lifting bar spring retaining collar	1
10	B-1504-051-000 511504	Presser bar connection guide	1	25	SS-7110540-SP 1127ph	...Screw	1
11	SS-7090010-SP 0941ph	...Screw	1	26	B-3414-041-000 513414	Rear lifting bar spring	1
12	B-1511-051-000 511511	Hand lifter lever	1	27	B-3416-051-000 513416 (1)	Rear lifting bar roller holder	1
13	B-1512-051-000 511512	Hand lifter	1	28	SS-7110510-SP 1121ph	...Screw	1
14	B-1515-051-000 511515	Hand lifter pin	1	29	SD-0550801-SP D055007h	...Screw stud	1
15	B-1505-051-000 511505	Presser bar adjusting plate spring	1	30	B-3417-051-000 513416 (2)	Rear lifting bar roller	1

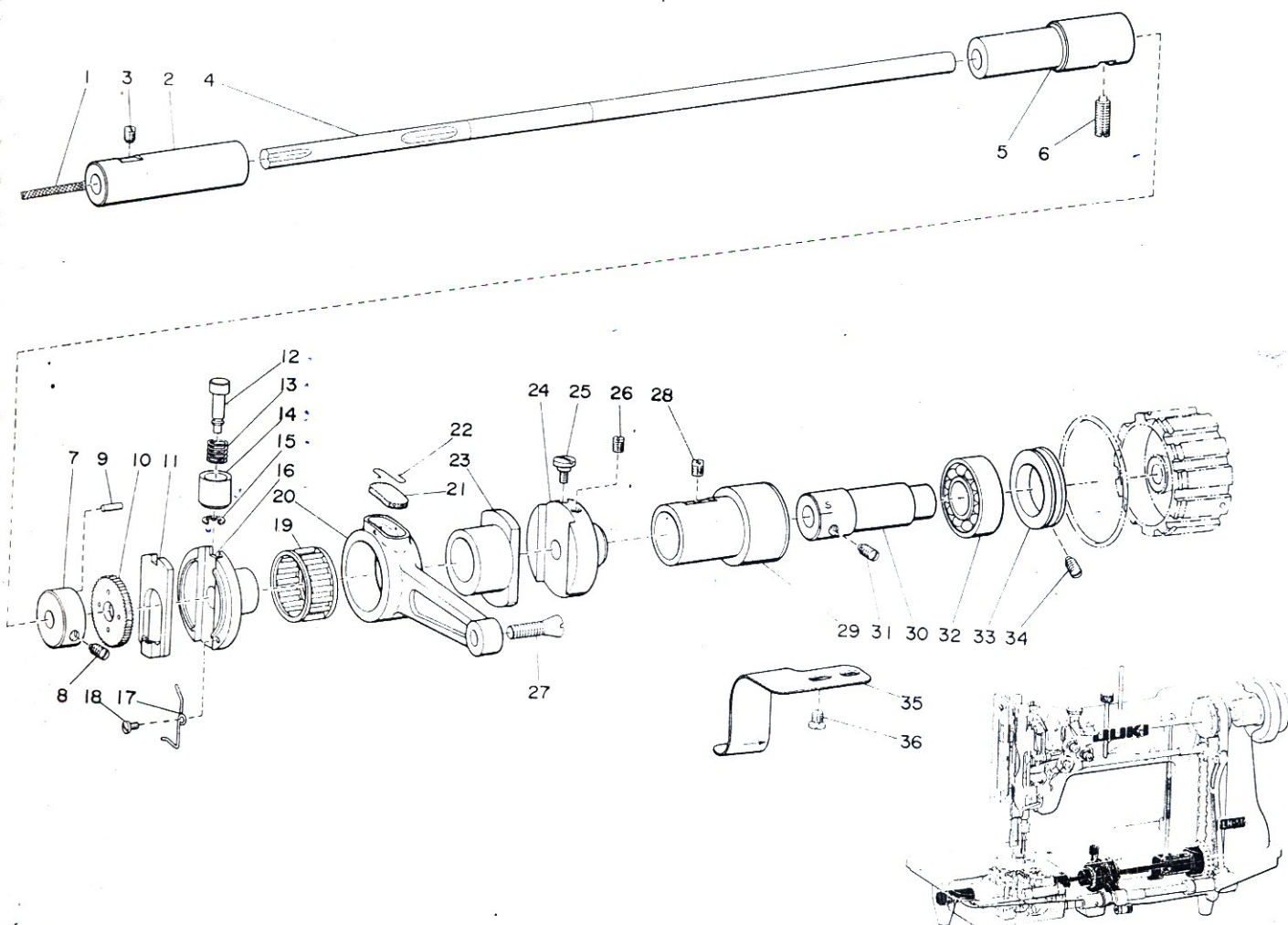
FEED ROCK SHAFT COMPONENTS



Ref. No.	Part No.	Description	Amt. Req.
1	SS-5080-710-SP 0839ph	Screw, for oil supply felt	1
2	B-1605-051-000 511605	Feed bar slide fork oil supply	1
3	B-1604-051-000 511604	Feed bar slide fork	1
4	B-1602-051-000 511602	Feed bar	1
4A	B-1602-051-0A0 511602S	Feed bar assembly	2
5	SS-6080720-SP 0821ph	Screw, for feed dog	1
6	B-1613-051-D00 511613	Feed dog (3/16")	1
7	NS-6080210-SP N081ph	Nut, for adjusting screw	1
8	SS-8081450-SP 0840ph	Adjusting screw, for feed dog teeth	1
9	WS-0651510-KP SW651ph	Washer	1
10	SS-9151440-SP 1592ph	Screw, for feed bar slide fork	1
11	B-1603-051-000 511603	Feed bar shaft	1

Ref. No.	Part No.	Description	Amt. Req.
12	SS-8110510-SP 1151ph	...Screw	2
13	B-1601-051-000 511601	Feed rock shaft	1
14	B-1607-051-000 511607	Feed rock shaft front bushing	1
15	SS-8151550-SP 1554ph	...Screw	2
16	CS-1401012-SC S14001	Feed rock shaft thrust collar	2
17	SS-8150440-SP 1558ph	...Screw	4
18	B-1616-051-000 511616	Feed rock shaft crank	1
19	SS-6121610-SP 1224ph	...Clamp screw	1
20	NS-6680410-SP N681ph	Nut, for connecting screw	1
21	B-1609-051-000 511609	Feed rock shaft rear bushing	1
22	SS-8152030-SP 1556ph	...Screw	2

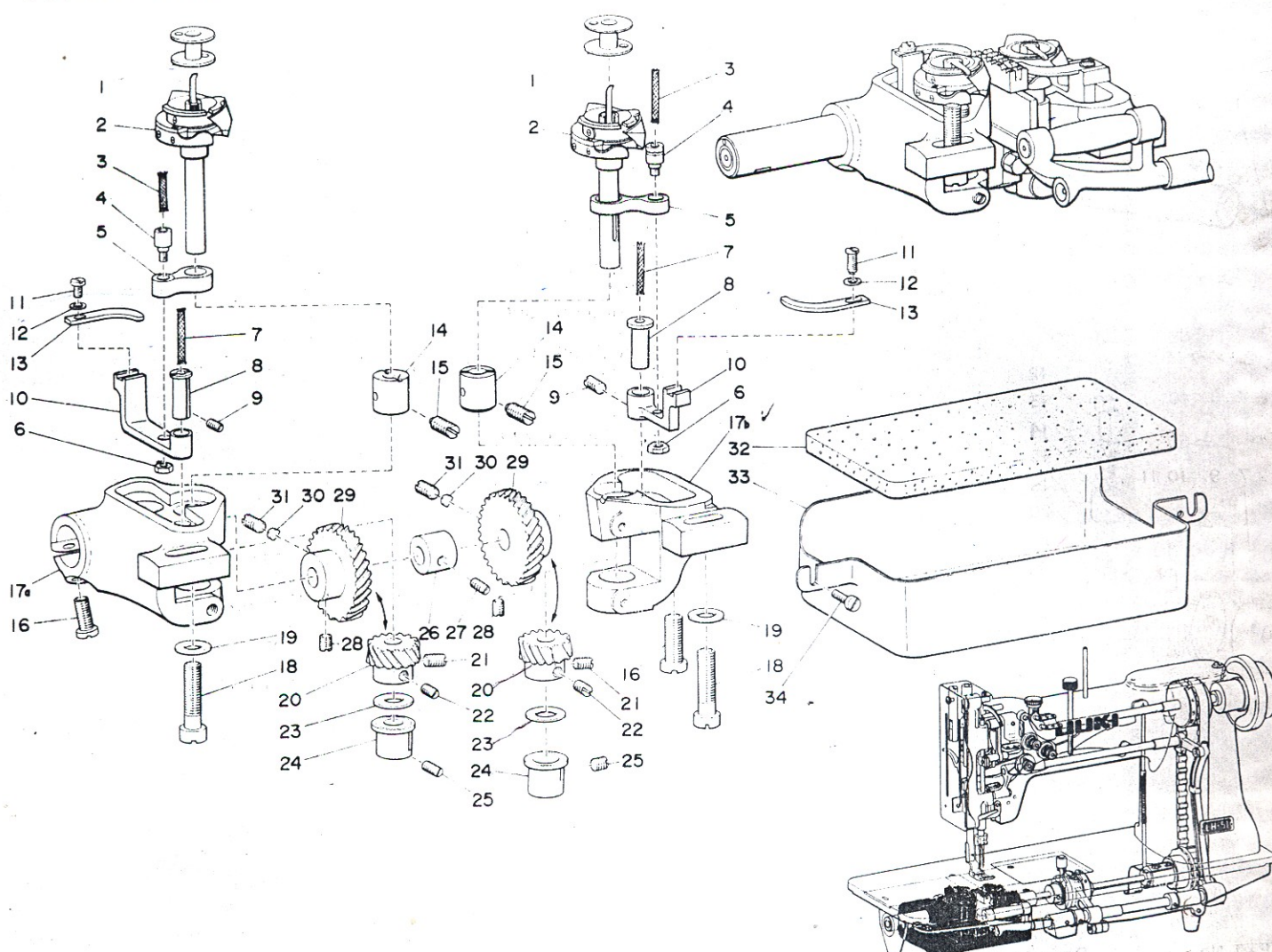
SEWING HOOK SHAFT & FEED ECCENTRIC COMPONENTS



Ref. No.	Part No.	Description	Amt. Req.
1	B-1825-051-000 511825	Oil wick, for hook shaft front bushing	1
2	B-1802-051-000 511802	Hook shaft front bushing	1
3	SS-8152030-SP 1556ph	...Screw	1
4	B-1801-051-000 511801	Hook shaft	1
5	B-1804-051-000 511804	Hook shaft center bushing	1
6	SS-8151550-SP 1554ph	...Screw	1
7	CS-0951015-SH S09502h	Ratchet gear thrust collar	1
8	SS-8151150-SP 1552ph	...Screw	8
9	B-1627-051-000 511627	...Connecting pin	1
10	B-1628-051-000 511628	Ratchet gear	1
11	B-1623-051-000 511623	Ratchet pawl	1
12	B-1636-053-000 531636	Feed eccentric adjusting knob	1
13	B-1639-051-000 511639	...Spring	1
14	B-1637-051-000 511637	...Bushing	1
15	B-1638-051-000 511638	...Retaining ring	1
16	B-1626-051-000 511626	Feed eccentric guide	1
17	B-1624-051-000 511624	Ratchet pawl spring	1
18	SD-0260271,SP D026001h	...Screw	1

Ref. No.	Part No.	Description	Amt. Req.
19	B-1618-051-000 511618	Crank connecting rod needle bearing	1
20	B-1614-051-000 511614	Feed rock shaft crank connecting rod	1
21	B-1702-012-000 121702	...Oil supply felt	1
22	B-1213-012-000 121213	...Oil supply felt retainer	1
23	B-1620-051-000 511620	Feed eccentric	1
24	B-1621-051-000 511621	Feed eccentric body	1
25	SS-8660970-SP 6654ph	...Screw	1
26	SS-8660610-TP 6651ph	...Screw	1
27	B-1621-012-A00 121621 (A)	Connecting screw, for crank connecting rod	1
28	SS-8152030-SP 1556ph	Screw, for hook shaft rear bushing (1)	1
29	B-1807-051-000 511807	Hook shaft rear bushing (1)	1
30	B-1808-051-000 511808	Hook shaft rear bushing (2)	1
31	SS-8150750-SP 1553ph	...Screw	2
32	B-1219-051-000 511219	Hook shaft rear bearing	1
33	B-1809-051-000 511809	...Retaining collar	1
34	SS-8090530-TP 0958ph	...Screw	3
35	B-1806-051-000 511806	Hook shaft timing indicator	1
36	SS-7090520-SP 0921ph	...Screw	2

HOOK DRIVING SHAFT MECHANISM COMPONENTS



Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-9117-051-000 519117	Bobbin	2	18	SS-7762840-SP 7621ph	...Screw	2
2	B-1830-051-0A0 511830	Vertical-axis sewing hook assembly	2	19	B-1812-051-000 511812	...Washer	2
3	B-1204-051-000 511204	Oil wick, for crank screw stud	2	20	B-1817-051-000 511817	Hook driving shaft gear, small	2
4	B-1821-051-000 511821	Bobbin case opening lever crank screw stud	2	21	SS-8660530-SK 6664fh	...Screw	2
5	B-1820-051-000 511820	Bobbin case opening lever link	2	22	SS-8660670-SK 6656fh	...Screw	2
6	NS-6110420-SP N113ph	Nut, for crank screw stud	2	23	B-1818-051-000 511818	Thrust washer, for gear, small	2
7	B-1204-051-000 511204	Oil wick, for crank pin	2	24	B-1815-051-000 511815	Hook driving shaft lower bushing	2
8	B-1823-051-000 511823	Bobbin case opening lever crank pin	2	25	SS-8150710-SP 1555ph	...Screw	2
9	SS-8150710-SP 1555ph	...Screw	2	26	B-1840-051-000 511840	Feed driving eccentric	1
10	B-1822-051-000 511822	Bobbin case opening lever crank	2	27	SS-8150580-SP 1551ph	...Screw	1
11	SS-6090620-SP 5940ph	Screw, for opening	2	28	SS-8660810-TP 6661ph	Screw, for gear, large	1
12	WP-0371016-SD W371ph	...Washer	2	29	B-1816-051-000 511816	Hook driving shaft gear, large	2
13	B-1824-051-000 511824	Bobbin case opening lever	2	30	B-1833-053-000 531833	...Pin	2
14	B-1814-051-000 511814	Hook driving shaft upper bushing	2	31	SS-8660410-SK 6653fh	Screw	2
15	SS-8151350-SK 1551fh	...Screw	2	32	B-1841-051-000 511841	Oil drip felt, for splashing cover	1
16	SS-6153040-SP 1540ph	Clamp screw, for saddle	2	33	B-1839-051-000 511839	Hook driving shaft saddle oil splashing cover	1
17A	B-1810-051-000 511810	Hook driving shaft saddle, left	1	34	SS-7110410-SP 1134ph	...Screw	2
17B	B-1811-051-000 511811	Hook driving shaft saddle, right	1				

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511140			B-1421-051-000	3-1		B-1627-051-000	7-9		B-3122-053-000	2-1	
B-1141-051-000	1-30		511421			511627			533122		
511141			B-1423-051-000	1-17		B-1628-051-000	7-10		B-3123-051-000	2-5	
B-1150-051-000	1-1		511423			511628			513123		
511150			B-1425-051-000	3-13		B-1636-053-000	7-12		B-3124-051-000	2-10	
B-1152-051-000	1-2		511425			531636			513124		
511152			B-1426-051-000	4-14		B-1637-051-000	7-14		B-3125-012-000	2-15	
B-1157-009-000	1-16		511426			511637			123125		
911157			B-1428-051-000	3-15		B-1638-051-000	7-15		B-3126-051-999	2-11	
B-1201-051-000	4-15		511428			511638			513126		
511201			B-1429-051-000	3-18		B-1639-051-000	7-13		B-3127-051-000	2-7	
B-1202-051-000	4-10		511429			511639			513127		
511202			B-1431-051-000	3-20		B-1702-012-000	7-12		B-3128-051-000	2-4	
B-1203-051-000	4-13		511431			121702			513128		
511203			B-1434-051-000	3-25		B-1801-051-000	7-4		B-3129-051-000	2-14	
B-1204-051-000	2-23		511434			611801			513129		
511204			B-1435-051-000	3-26		B-1802-051-000	7-2		B-3131-051-000	2-12	
B-1204-051-000	2-28		511435			511802			513131		
511204			B-1437-051-000	3-12		B-1804-051-000	7-5		B-3132-051-000	2-13	
B-1204-051-000	3-23		511437			511804			513132		
511204			B-1438-051-1A0	3-11		B-1806-051-000	7-35		B-3134-051-000	2-2	
B-1204-051-000	4-1		511438S			511806			513134		
511204			B-1501-040-000	5-4		B-1807-051-000	7-29		B-3137-051-00A	2-19	
B-1204-051-000	4-14		401501			511807			513137 (1)		
511204			B-1502-051-000	5-7		B-1808-051-000	7-30		B-3137-051-00B	2-20	
B-1204-051-000	4-16		511502			511808			513137 (2)		
511204			B-1503-051-A00	5-3		B-1809-051-000	7-33		B-3137-051-00C	2-18	
B-1204-051-000	8-3		511503 (2)			511809			513137 (3)		
511204			B-1503-051-B00	5-9		B-1810-051-000	7-17A		B-3137-051-00D	2-16	
B-1204-051-000	8-7		511503 (1)			511810			513137 (4)		
511204			B-1504-051-000	5-10		B-1811-051-000	7-17B		B-3137-051-0A0	2-16A	
B-1205-051-000	4-9		511504			511811			513137S		
511205			B-1505-051-000	5-15		B-1812-051-000	8-19		B-3138-051-000	2-21	
B-1206-051-000	4-6		511505			511812			513138		
511206			B-1507-051-000	5-1		B-1814-051-000	8-14		B-3409-051-000	5-19	
B-1207-051-000	4-5		511507			511814			513409		
511207			B-1509-051-000	5-18		B-1815-051-000	8-24		B-3410-051-000	5-21	
B-1210-051-000	4-2		511509			511815			513410		
511210			B-1511-051-000	5-12		B-1816-051-000	8-29		B-3413-051-000	5-23	
B-1213-012-000	7-22		511511			511816			513413		
121213			B-1515-051-000	5-14		B-1817-051-000	8-20		B-3414-041-000	5-26	
B-1214-019-000	2-30		511524S			511817			513414		
191214			B-1524-051-0A0	5-6		B-1818-051-000	8-23		B-3416-051-000	5-27	
B-1216-051-000	4-19		51154S			511818			513416 (1)		
511216 (1)			B-1601-051-000	6-13		B-1820-051-000	8-5		B-3417-051-000	5-30	
B-1216-051-0A0	4-19A		511601			511820			513416 (2)		
			B-1602-051-000	6-4		B-1821-051-000	8-4		B-3501-051-000	4-12	
			511602			511821			513501		
B-1217-051-000	4-20		B-1602-052-0A0	6-4A		B-1822-051-000	8-10		B-9117-051-000	8-1	
511216 (2)			511602S			511822			519117		