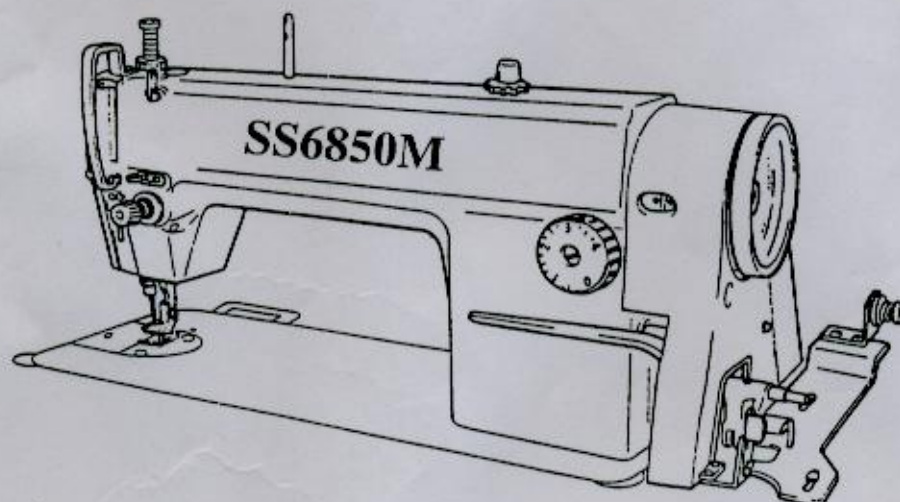


SS6850M

Sun Special®

INSTRUCTION MANUAL

 **RIBERMAK®**
IMP. E DISTR. DE MÁQUINAS DE COSTURA LTDA.
RUA DA GRAÇA, 577 - BOM RETIRO - SÃO PAULO - SP - CEP 01125-000
FONE: (11) 3334-8800 FAX: (11) 3334-8803 / 3334-8804
www.ribermak.com.br



Read safety instructions carefully and understand them before using.
Retain this Instruction Manual for future reference.

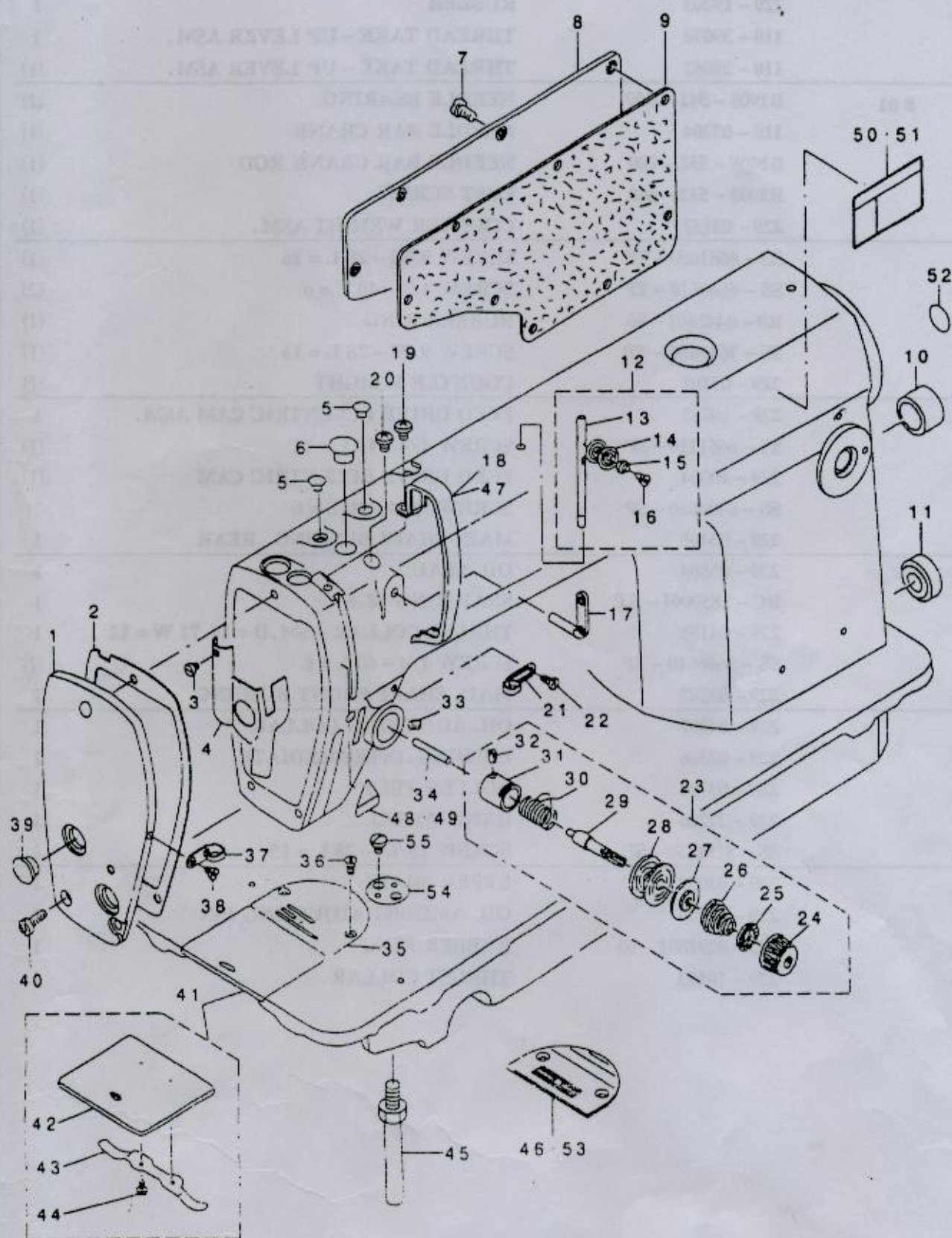
REF.NO NOTE	PART NO.1	D E S C R I P T I O N	Qty
1	229 - 02159	FACE PLATE ASM.	1
2	229 - 02209	FACE PLATE GASKET	1
3	SS - 6080410 - SP	SCREW 1/8 - 44 L = 4	1
4	229 - 00757	ARM OIL SHIFLD ASM.	1
5	TA - 0850604 - RO	RUBBER PLUG	2
6	TA - 1250705 - RO	RUBBER PLUG	1
7	SS - 4120915 - SP	SCREW 3/16 - 28 L = 9	8
8	229 - 00401	SIDE PLATE	1
9	110 - 00619	GASKET	1
10	TA - 2000502 - RO	RUBBER PLUG	1
11	TA - 2101002 - RO	RUBBER PLUG	1
12	229 - 32552	THREAD GUIDE ROD ASM.	1
13	229 - 32503	THREAD GUIDE ROD	(1)
14	229 - 32602	TENSION DISC	(2)
15	229 - 32701	TENSION SPRING	(1)
16	SD - 0380552 - SL	HINGE SCREW D = 3.8 H = 5.5	(1)
17	229 - 20706	TWO - HOLE THREAD EYELET	1
18	229 - 00609	THREAD TAKE - UP LEVER COVER	1
19	SS - 4120615 - SP	SCREW 3/16 - 28 L = 6	1
20	SS - 4120615 - SP	SCREW 3/16 - 28 L = 6	1
21	229 - 20508	ARM THREAD GUIDE A	1
22	110 - 01500	SCREW	1
23	229 - 45356	THREAD TENSION ASM.	1
24	229 - 21308	TENSION NUT	(1)
25	229 - 21407	ROTATING STOPPER	(1)
26	229 - 21704	TENSION SPRING A	(1)
27	229 - 21803	THREAD TENSION DISK PRESSER	(1)
28	229 - 21506	THREAD TENSION DISK	(2)
29	229 - 21209	TENSION POST	(1)
30	229 - 21605	TAKE - UP SPRING	(1)
31	229 - 45307	TENSION POST SOCKET	(1)
32	SS - 8090670 - SP	SCREW 9/64 - 40 L = 5.5	(1)
33	SS - 8150710 - SP	SCREW 15/64 - 28 L = 7	1
34	B3118 - 552 - E00	TENSION RELEASING	1
35	110 - 28008	THROAT PLATE	1
36	SS - 2110920 - TP	SCREW 11/64 - 40 L = 8.5	2
37	229 - 20607	ARM THREAD GUIDE B	1
38	SS - 6110610 - TP	SCREW 11/64 - 40 L = 6	1
39	TA - 1250406 - RO	RUBBER PLUG D = 12.5 L = 4	2
40	SS - 4120915 - SP	SCREW 3/16 - 28 L = 9	3
41	229 - 01250	BED SLIDE ASM.	1
42	229 - 01201	SLIDE PLATE	(1)
43	229 - 01300	BED SLIDE SPRING	(1)
44	SS - 6060210 - SP	SCREW 3/32 - 56 L = 1.9	(2)
45	229 - 01003	BED SCREW STUD	4
46	# 01 B1109 - 012 - IOB	THROAT PLATE (1)	1
47	# 02 180 - 77503	THREAD TAKE - UP LEVER COVER	1
48	# 02 CM - 3002000 - 01	ATTENTION SEAL	1
49	# 03 CM - 3002000 - B1	LABEL (16)	1
50	# 03 CM - 3002001 - 01	SAFETY LABEL .1 (SMALL).	1
51	# 04 CM - 3002001 - A1	SAFETY LABEL .3 (SMALL).	1
52	100 - 04109	GROUND MARK	1
53	# 05 B1109 - 552 - 000	THROAT PLATE	1
54	229 - 02605	SULER STOPPER	1
55	SS - 7110540 - SP	SCREW 11/64 - 40 L = 5	2

Parts Book

REF. NO. NOTE	PART NO. 1	DESCRIPTION	QTY.
1	20-1000	FACE PLATE ASM.	1
2	20-1000	FACE PLATE COVER	1
3	20-1000-01	SCREW 1/2-1/4-1	1
4	20-1000	ARM DIS. BRKT. ASM.	1
5	20-1000-02	WASHER FLOP	2
6	20-1000-03	WASHER FLOP	1
7	20-1000-04	SCREW 1/2-1/4-1	2
8	20-1000	ARM PLATE	1
9	20-1000	WASHER FLOP	1
10	20-1000-05	WASHER FLOP	1
11	20-1000-06	WASHER FLOP	1
12	20-1000	WASHER FLOP	1
13	20-1000	WASHER FLOP	1
14	20-1000	WASHER FLOP	1
15	20-1000	WASHER FLOP	1
16	20-1000	WASHER FLOP	1
17	20-1000	WASHER FLOP	1
18	20-1000	WASHER FLOP	1
19	20-1000	WASHER FLOP	1
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21	20-1000	WASHER FLOP	1
22	20-1000	WASHER FLOP	1
23	20-1000	WASHER FLOP	1
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100	20-1000	WASHER FLOP	1

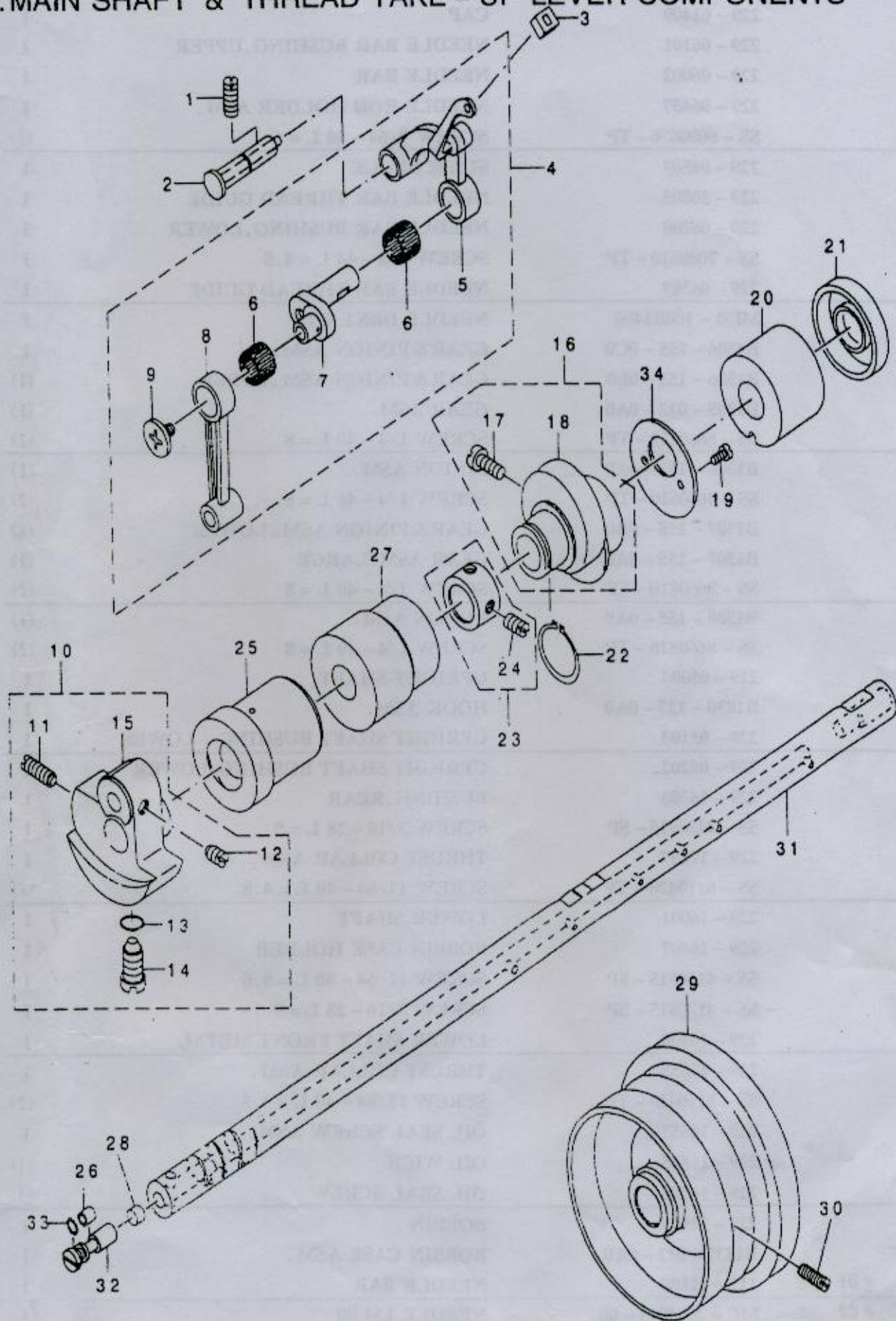
1. MACHINE FRAME & MISCELLANEOUS COVER

COMPONENTS



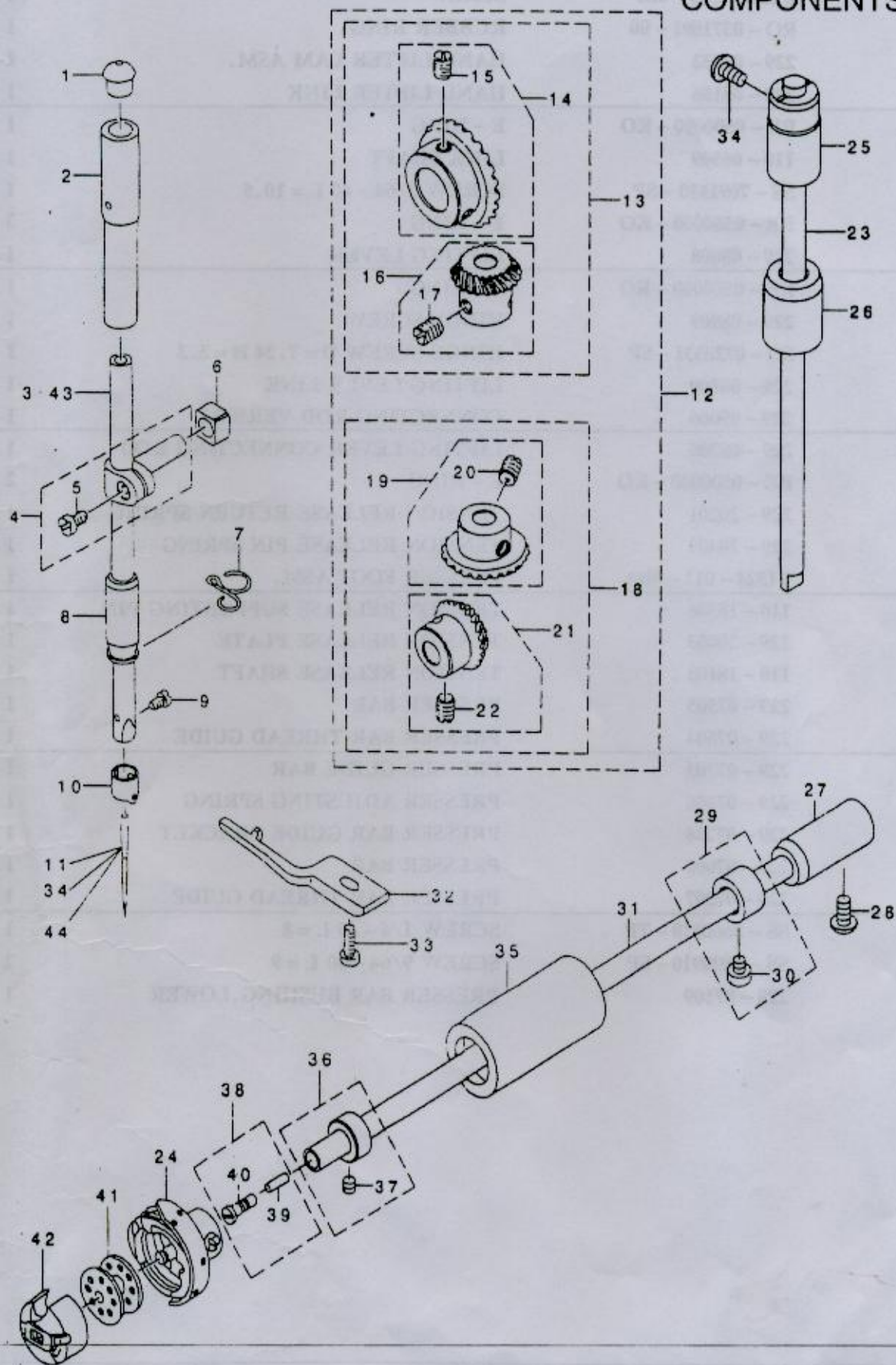
REF.NO	NOTE	PART NO.2	D E S C R I P T I O N	Qty
1		SS - 8151150 - SP	SCREW 15/64 - 28 L = 10.5	1
2		229 - 19559	THREAD TAKE - UP CRANK SHAFT ASM	1
3		229 - 19203	RUBBER	1
4		110 - 39070	THREAD TAKE - UP LEVER ASM.	1
5		110 - 39062	THREAD TAKE - UP LEVER ASM.	(1)
6	# 01	B1905 - 541 - B00	NEEDLE BEARING	(2)
7		110 - 05204	NEEDLE BAR CRANK	(1)
8		B1408 - 552 - 000	NEEDLE BAR CRANK ROD	(1)
9		B1903 - 552 - 000	LEFT SCREW	(1)
10		229 - 03157	COUNTER WEIGHT ASM.	(1)
11		SS - 8681650 - TP	SCREW 9/32 - 28 L = 16	(1)
12		SS - 8660610 - TP	SCREW 1/4 - 40 L = 6	(2)
13		RO - 0442401 - 00	RUBBER RING	(1)
14		SS - 7681650 - TP	SCREW 9/32 - 28 L = 16	(1)
15		229 - 03108	COUNTER WEIGHT	(1)
16		229 - 10053	FEED DRIVE ECCENTRIC CAM ASM.	1
17		SS - 6661110 - SP	SCREW 1/4 - 40 L = 11	(2)
18		229 - 10004	FEED DRIVE ECCENTRIC CAM	(1)
19		SS - 6090650 - SP	SCREW 9/64 - 40 L = 6	2
20		229 - 03405	MAIN SHAFT BUSHING. REAR	1
21		229 - 03504	OIL SEAL	1
22		RC - 1850001 - KP	SNAP RING 18.5	1
23		229 - 04155	THRUST COLLAR ASM. D = 14.72 W = 12	1
24		SS - 8660610 - TP	SCREW 1/4 - 40 L = 6	(2)
25		229 - 03207	MAIN SHAFT FRONT BUSHING	1
26		229 - 04007	OIL ADJUSTING COLLAR	1
27		229 - 03306	BUSHING. INTERMEDIATE	1
28		229 - 03702	ROLLER FELT	1
29		229 - 27206	HAND WHEEL	1
30		SS - 8151550 - SP	SCREW 15/64 - 28 L = 15	2
31		229 - 03009	UPPER SHAFT	1
32		229 - 03900	OIL AMOUNT ADJUSTING PIN	1
33		RO - 0291801 - 00	RUBBER RING	1
34		229 - 10103	THRUST COLLAR	1

2.MAIN SHAFT & THREAD TAKE - UP LEVER COMPONENTS



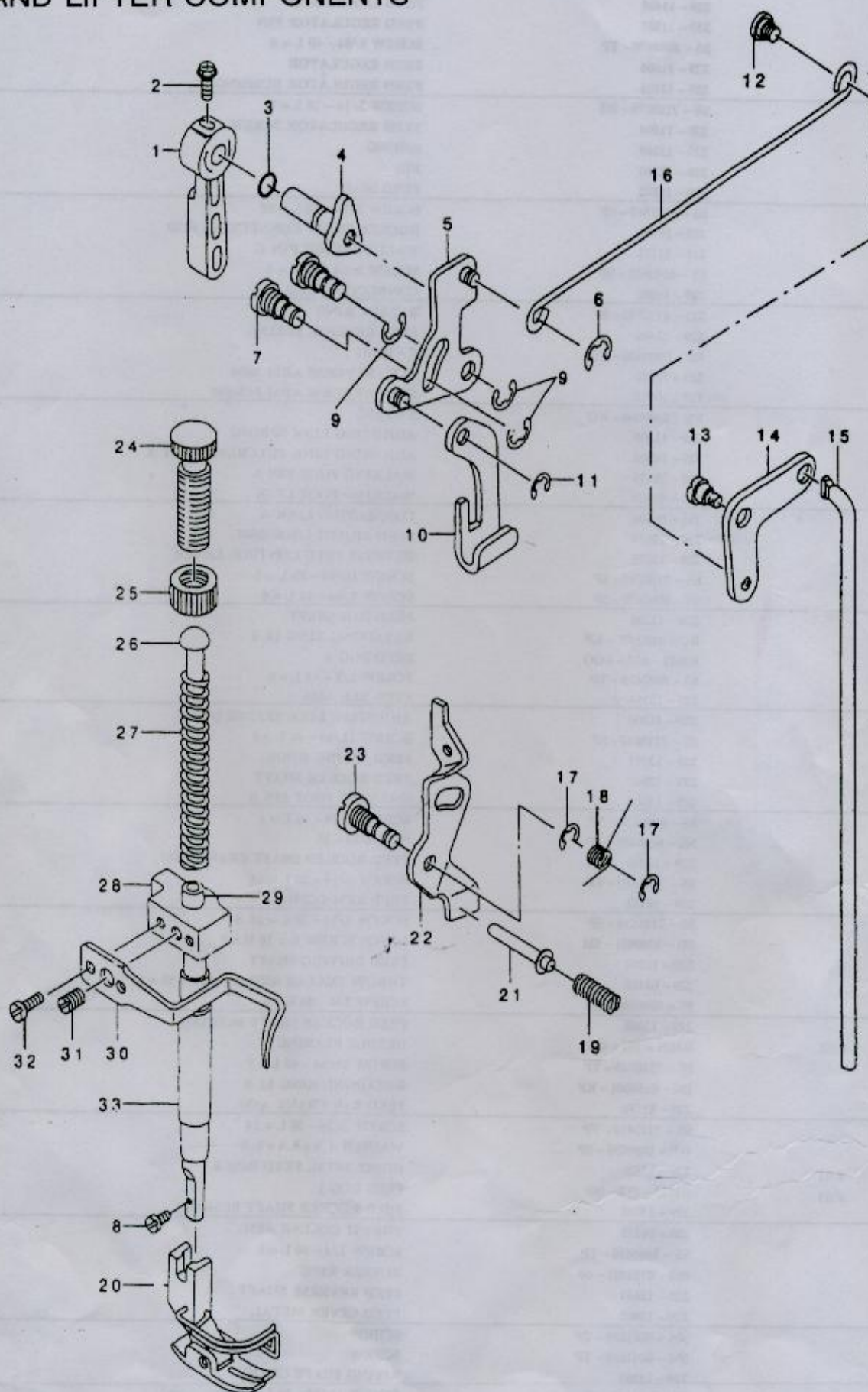
REF.NO NOTE	PART NO.3	D E S C R I P T I O N	Qty
1	229 - 01409	CAP	1
2	229 - 06101	NEEDLE BAR BUSHING, UPPER	1
3	229 - 06002	NEEDLE BAR	1
4	229 - 06457	NEEDLE ROD HOLDER ASM.	1
5	SS - 6090670 - TP	SCREW 9/64 - 40 L = 6	(1)
6	229 - 06507	SLIDE BLOCK	1
7	229 - 20805	NEEDLE BAR THREAD GUIDE	1
8	229 - 06200	NEEDLE BAR BUSHING, LOWER	1
9	SS - 7080510 - TP	SCREW 1/8 - 44 L = 4.5	1
10	229 - 06309	NEEDLE BAR THREAD GUIDE	1
11	MDB - 100B1400	NEEDLE DBX1 # 14	1
12	B1306 - 155 - 0C0	GEAR & PINION ASM.	1
13	B1306 - 155 - 0B0	GEAR & PINION ASM., UPPER	(1)
14	B1305 - 012 - 0A0	GEAR ASM.	(1)
15	SS - 8660810 - TP	SCREW 1/4 - 40 L = 8	(2)
16	B1306 - 155 - 0A0	PINION ASM.	(1)
17	SS - 8660810 - TP	SCREW 1/4 - 40 L = 8	(2)
18	B1307 - 155 - 0B0	GEAR & PINION ASM., LOWER	(1)
19	B1307 - 155 - 0A0	GEAR ASM. LARGE	(1)
20	SS - 8660810 - TP	SCREW 1/4 - 40 L = 8	(2)
21	B1308 - 155 - 0A0	PINION ASM.	(1)
22	SS - 8660810 - TP	SCREW 1/4 - 40 L = 8	(2)
23	229 - 05004	UPRIGHT SHAFT	1
24	B1830 - 127 - 0A0	HOOK ASM.	1
25	229 - 05103	UPRIGHT SHAFT BUSHING, LOWER	1
26	229 - 05202	UPRIGHT SHAFT BUSHING, LOWER	1
27	229 - 16308	BUSHING, REAR	1
28	SS - 4120915 - SP	SCREW 3/16 - 28 L = 9	1
29	229 - 17157	THRUST COLLAR ASM.	1
30	SS - 6110420 - TP	SCREW 11/64 - 40 L = 4.8	(2)
31	229 - 16001	LOWER SHAFT	1
32	229 - 16407	BOBBIN CASE HOLDER	1
33	SS - 4110915 - SP	SCREW 11/64 - 40 L = 9.5	1
34	SS - 4120915 - SP	SCREW 3/16 - 28 L = 9	1
35	229 - 16100	LOWER SHAFT FRONT METAL	1
36	229 - 17058	THRUST COLLAR ASM.	1
37	SS - 8110410 - TP	SCREW 11/64 - 40 L = 3.5	(2)
38	229 - 16555	OIL SEAL SCREW ASM.	1
39	229 - 16605	OIL WICK	(1)
40	229 - 16506	OIL SEAL SCREW	(1)
41	229 - 32909	BOBBIN	1
42	B1837 - 012 - 0A0	BOBBIN CASE ASM.	1
43 # 01	111 - 41108	NEEDLE BAR	1
44 # 02	MC - 2005009 - 00	NEEDLE 134 90	1

3. NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS



REF.NO	NOTE	PART NO.4	D E S C R I P T I O N	Qty
1		229 - 07802	HAND LIFTER	1
2		B1521 - 555 - 000	SCREW	1
3		RO - 0371801 - 00	RUBBER RING	1
4		229 - 08552	HAND LIFTER CAM ASM.	1
5		229 - 08156	HAND LIFTER LINK	1
6		RE - 0500000 - KO	E - RING	1
7		110 - 06509	LINK SHAFT	1
8		SS - 7091110 - SP	SCREW 9/64 - 40 L = 10.5	1
9		RE - 0500000 - KO	E - RING	3
10		229 - 08008	LIFTING LEVER	1
11		RE - 0500000 - KO	E - RING	1
12		229 - 08909	HINGE SCREW	1
13		SD - 0720331 - SP	HINGE SCREW D = 7.24 H = 3.3	1
14		229 - 08800	LIFTING LEVER LINK	1
15		229 - 09006	CONNECTING ROD VERICAL	1
16		229 - 08305	LIFTING LEVER CONNECTING ROD	1
17		RE - 0500000 - KO	E - RING	2
18		229 - 20201	TENSION RELEASE RETURN SPRING	1
19		229 - 20409	TENSION RELEASE PIN SPRING	1
20		B1524 - 012 - 0BA	PRESSER FOOT ASM.	1
21		110 - 18306	TENSION RELEASE SUPPORTING PIN	1
22		229 - 20003	TENSION RELEASE PLATE	1
23		110 - 18108	TENSION RELEASE SHAFT	1
24		229 - 07505	PRESSER BAR	1
25		229 - 07604	PRESSER BAR THREAD GUIDE	1
26		229 - 07703	PRESSER GUIDE BAR	1
27		229 - 07406	PRESSER ADJUSTING SPRING	1
28		229 - 07208	PRESSER BAR GUIDE BRACKET	1
29		229 - 07000	PRESSER BAR	1
30		229 - 07307	PRESSER BAR THREAD GUIDE	1
31		SS - 8660810 - TP	SCREW 1/4 - 40 L = 8	1
32		SS - 6090910 - SP	SCREW 9/64 - 40 L = 9	2
33		229 - 07109	PRESSER BAR BUSHING, LOWER	1

4. HAND LIFTER COMPONENTS



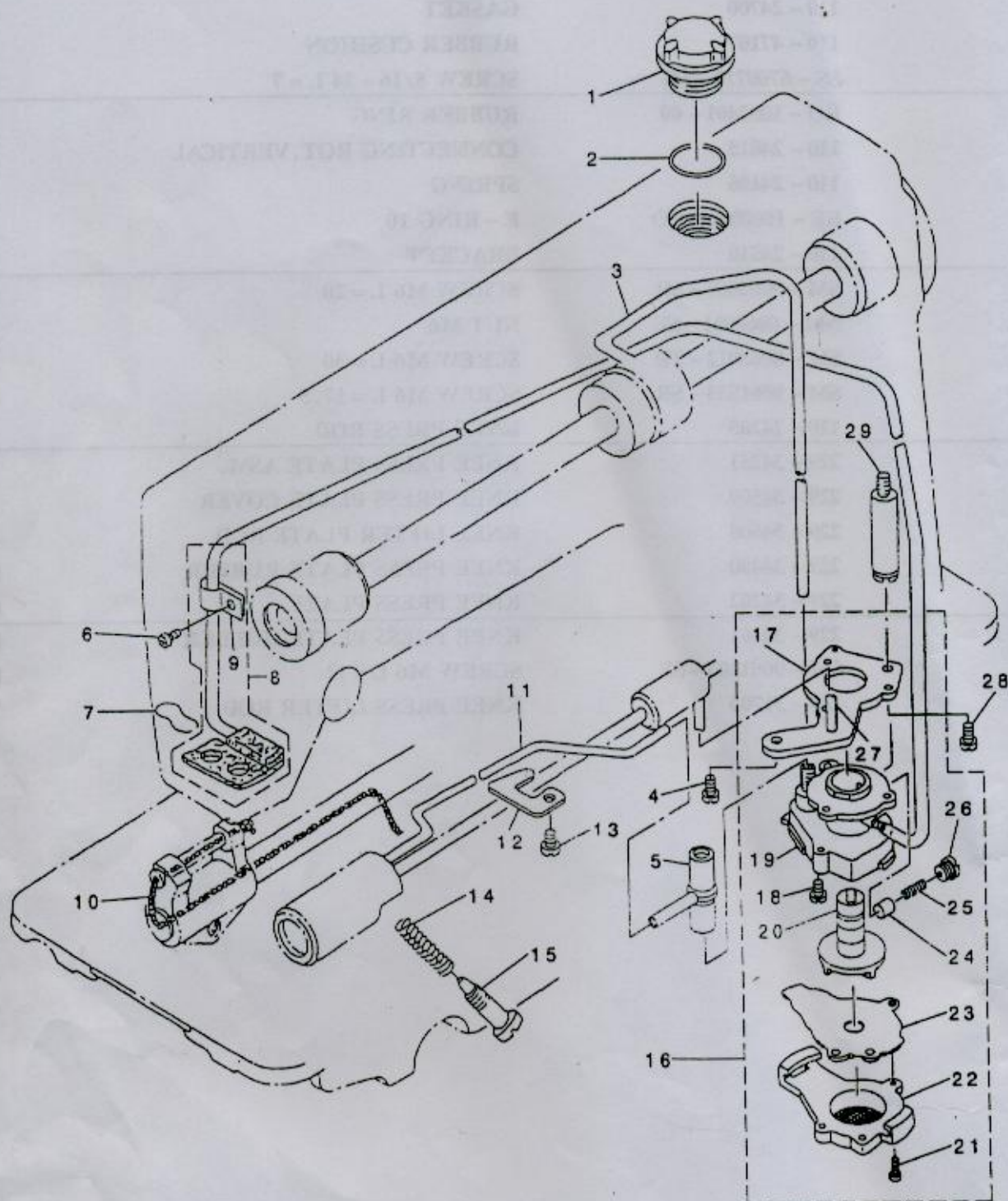
REF. NO	NOTE	PART NO. 5	D E S C R I P T I O N	Qty
1		229 - 11408	FEED ADJUST ROD	1
2		229 - 11507	FEED REGULATOR PIN	1
3		SS - 6090670 - TP	SCREW 9/64 - 40 L = 6	2
4		229 - 11606	FEED REGULATOR	1
5		229 - 11705	FEED REGULATOR BUSHING	1
6		SS - 7120770 - SH	SCREW 3/16 - 28 L = 7	1
7		229 - 11804	FEED REGULATOR SCREW	1
8		229 - 12109	SPRING	1
9		229 - 12000	PIN	1
10		229 - 11903	FEED DIAL	1
11		SS - 6121860 - SP	SCREW 3/16 - 28 L = 18	1
12		229 - 10202	ROCKER SHAFT CONNECTING ROD	1
13		229 - 11101	WALKING FOOT PIN C	1
14		SS - 6090620 - SP	SCREW 9/64 - 40 L = 6	1
15		229 - 15003	CONNECTING ROD	1
16		RO - 0922702 - 00	RUBBER RING	1
17		229 - 12406	FEED REVERSE SPRING	1
18		RE - 0500000 - KO	E - RING	1
19		229 - 12257	FEED REVERSE ARM ASM.	1
20		110 - 10410	FEED REVERSE ARM SCREW	1
21		RE - 0500000 - KO	E - RING	1
22		229 - 11309	ADJUSTING LINK SPRING	1
23		229 - 10806	ADJUSTING LINK FULCRUM SHAFT A	2
24		229 - 10905	WALKING FOOT PIN A	2
25		110 - 08703	WALKING FOOT LINK	2
26		110 - 08604	CONNECTING LINK A	2
27		229 - 10459	FEED ADJUST LINK ASM.	1
28		229 - 12703	REVERSE FEED CONTROL LEVER	1
29		SS - 8150710 - SP	SCREW 15/64 - 28 L = 7	2
30		SS - 6090620 - SP	SCREW 9/64 - 40 L = 6	2
31		229 - 13206	FEED BAR SHAFT	1
32		RC - 0150001 - KP	RETAINING RING 13.8	1
33		B1613 - 012 - AOO	FEED DOG A	1
34		SS - 4080620 - TP	SCREW 1/8 - 44 L = 6	2
35		229 - 13354	FEED BAR ASM.	1
36		229 - 41306	ADJUSTING LINK SPRING GUIDE	1
37		SS - 7110510 - SP	SCREW 11/64 - 40 L = 5	2
38		229 - 13701	FEED SPRING HOOK	1
39		229 - 12901	FEED ROCKER SHAFT	1
40		229 - 11002	WALKING FOOT PIN B	1
41		SS - 6090620 - SP	SCREW 9/64 - 40 L = 6	1
42		NS - 6680410 - SP	NUT 9/32 - 28	1
43		229 - 10350	FEED ROCKER SHAFT CRANK ASM.	1
44		SS - 7121410 - TP	SCREW 3/16 - 28 L = 14	(1)
45		229 - 15151	FEED ARM COMPL.	1
46		SS - 7121610 - SP	SCREW 3/16 - 28 L = 15.5	(1)
47		SD - 1000801 - SH	HINGE SCREW D = 10 H = 8	1
48		229 - 15201	FEED DRIVING SHAFT	1
49		229 - 04155	THRUST COLLAR ASM. D = 14.72 W = 12	1
50		SS - 8660610 - TP	SCREW 1/4 - 40 L = 6	(2)
51		229 - 13008	FEED ROCKER SHAFT BUSHING	1
52	# 02	B1636 - S81 - C00	NEEDLE BEARING	1
53		SS - 7110740 - TP	SCREW 11/64 - 40 L = 7	1
54		RC - 0150001 - KP	RETAINING RING 13.8	1
55		229 - 13156	FEED BAR CRANK ASM.	1
56		SS - 7121410 - TP	SCREW 3/16 - 28 L = 14	(1)
57		WP - 0480856 - SP	WASHER 4.8 x 8.4 x 0.8	(1)
58	# 01	229 - 13800	HORIZONTAL FEED ROD B	1
59	# 03	B1613 - 012 - 100	FEED DOG 1	1
60		229 - 13008	FEED ROCKER SHAFT BUSHING	1
61		229 - 04155	THRUST COLLAR ASM.	1
62		SS - 8660610 - TP	SCREW 1/4 - 40 L = 6	(1)
63		RO - 0781901 - 00	RUBBER RING	1
64		229 - 12604	FEED REVERSE SHAFT	1
65		229 - 12802	FEED LEVER METAL	1
66		SM - 8061050 - TP	SCREW	1
67		SM - 8061010 - TP	SCREW	1
68		229 - 15300	RIVING SHAFT CRANK	1
69		SS - 7111120 - SP	SCREW 11/64 - 40 L = 10.5	(1)

Diagram showing the removal of the rear wheel nut (52) and the rear wheel (8) from the axle.



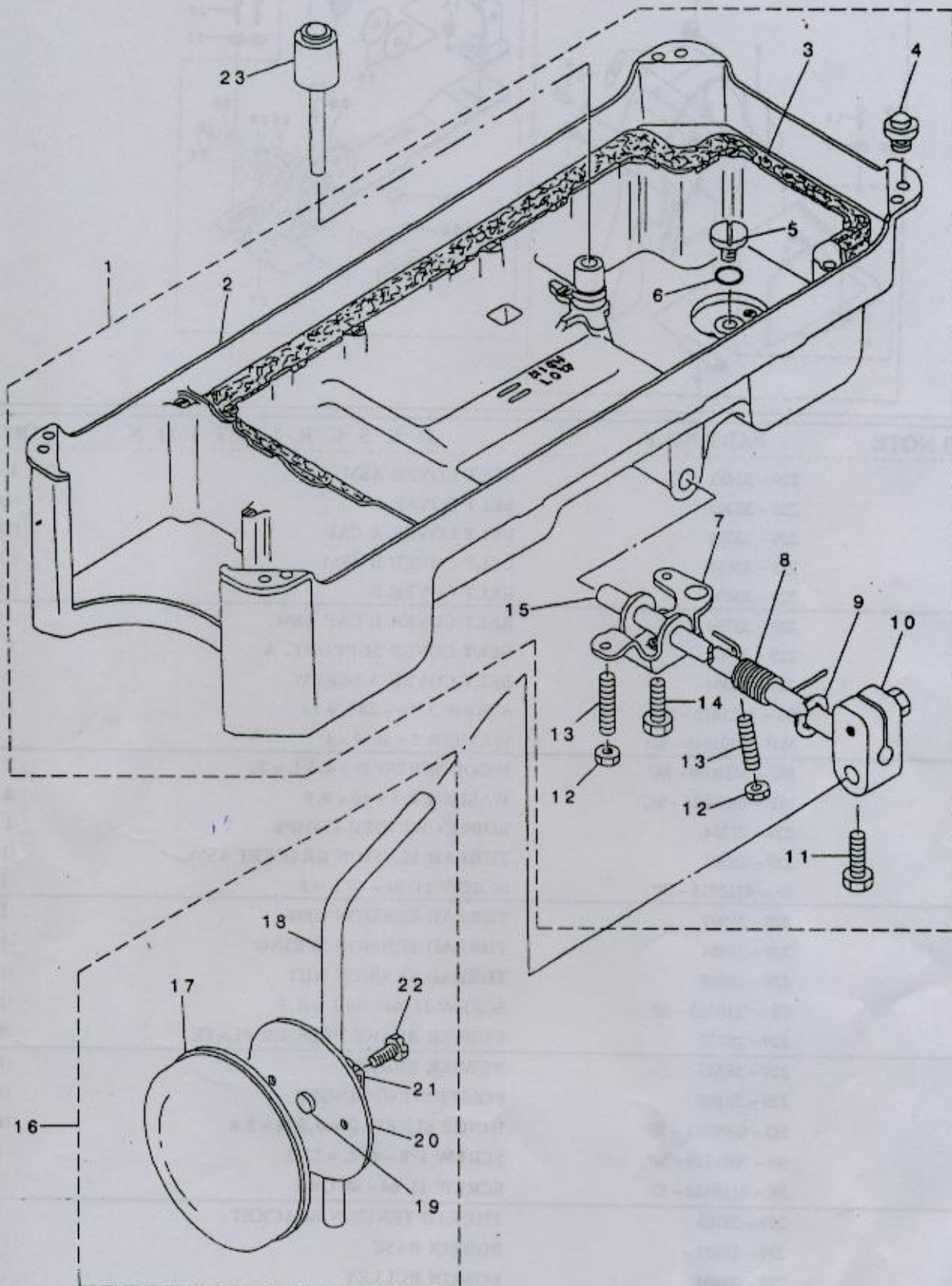
REF.NO NOTE	PART NO.6	D E S C R I P T I O N	Qty
1	229 - 24708	OIL SIGHT WINDOW	1
2	RO - 1952401 - 00	RUBBER RING	1
3	229 - 24401	MAIN SHAFT OIL TUBE	1
4	SS - 4150915 - SP	SCREW 15/64 - 28 L = 9	1
5	229 - 24609	MAIN SHAFT OIL TUBE	1
6	SS - 4120615 - SP	SCREW 3/1628 L = 6	1
7	229 - 25101	OIL FELT PRESSER	1
8	229 - 24153	OIL RETURN TUBE ASM.	1
9	229 - 24302	HOLDER	(1)
10	CQ - 2520000 - 00	OIL WICK	0.21
11	229 - 24500	OIL TUBE	1
12	229 - 24807	TUBE HOLDER (LOWER)	1
13	SS - 4150915 - SP	SCREW 15/64 - 28 L = 9	1
14	229 - 24906	SPRING	1
15	229 - 25002	OIL ADJUSTING SCREW	1
16	229 - 23056	LUBRICATING OIL PUMP ASM.	1
17	229 - 23304	OIL PUMP INSTALLING BASE	(1)
18	SL - 4030851 - SF	SCREW M3 L = 8	(3)
19	229 - 23007	OIL PUMP	(1)
20	229 - 23700	OIL PUMP IMPELLER	(1)
21	SE - 4301041 - SR	SCREW D = 3 L = 10	(3)
22	229 - 23205	LUBRICATING OIL PUMP COVER	(1)
23	229 - 23809	OIL PUMP IMPELLER COVER	(1)
24	229 - 23403	PLUNGER	(1)
25	229 - 23601	PLUNGER SCREW	(1)
26	229 - 23502	PLUNGER SCREW	(1)
27	229 - 23908	HOOK DRIVING SHAFT OIL TUBE	(1)
28	SS - 6111010 - TP	SCREW 11/64 - 40 L = 9.5	1
29	229 - 24005	OIL PUMP SPPORT	1

6. OIL LUBRICATION COMPONENTS

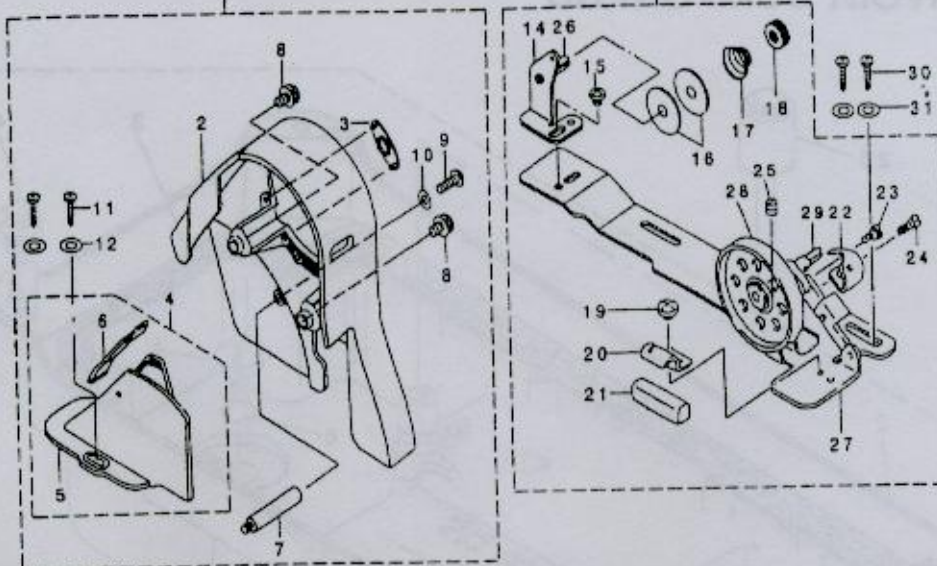


REF.NO	NOTE	PART NO.7	D E S C R I P T I O N	Qty
1		110 - 47057	OIL RESERVOIR ASM.	1
2		110 - 23017	OIL RESERVOIR	(1)
3		110 - 24700	GASKET	(1)
4		110 - 47107	RUBBER CUSHION	(4)
5		SS - 6700710 - SH	SCREW 5/16 - 24 L = 7	(1)
6		RO - 1082401 - 00	RUBBER RING	(1)
7		110 - 24015	CONNECTING ROT, VERTICAL	(1)
8		110 - 24106	SPRING	(1)
9		RE - 1000000 - KO	E - RING 10	(1)
10		110 - 24510	BRACKET	(1)
11		SM - 9062053 - SR	SCREW M6 L = 20	(2)
12		NM - 6060001 - SE	NUT M6	(2)
13		SM - 8063012 - TR	SCREW M6 L = 30	(2)
14		SM - 9061853 - SR	SCREW M6 L = 17.5	(1)
15		110 - 24205	KNEE PRESS ROD	(1)
16		229 - 34251	KNEE PRESS PLATE ASM.	1
17		229 - 34509	KNEE PRESS PLATE COVER	(1)
18		229 - 34608	KNEE LIFTER PLATE ROD	(1)
19		229 - 34400	KNEE PRESS PLATE RUBBER	(1)
20		229 - 34202	KNEE PRESS PLATE	(1)
21		229 - 34301	KNEE PRESS PLATE HOLDER	(1)
22		SM - 9061203 - SE	SCREW M6 L = 12	(1)
23		229 - 31703	KNEE PRESS LIFTER ROD	1

7. OIL RESERVOIR COMPONENTS

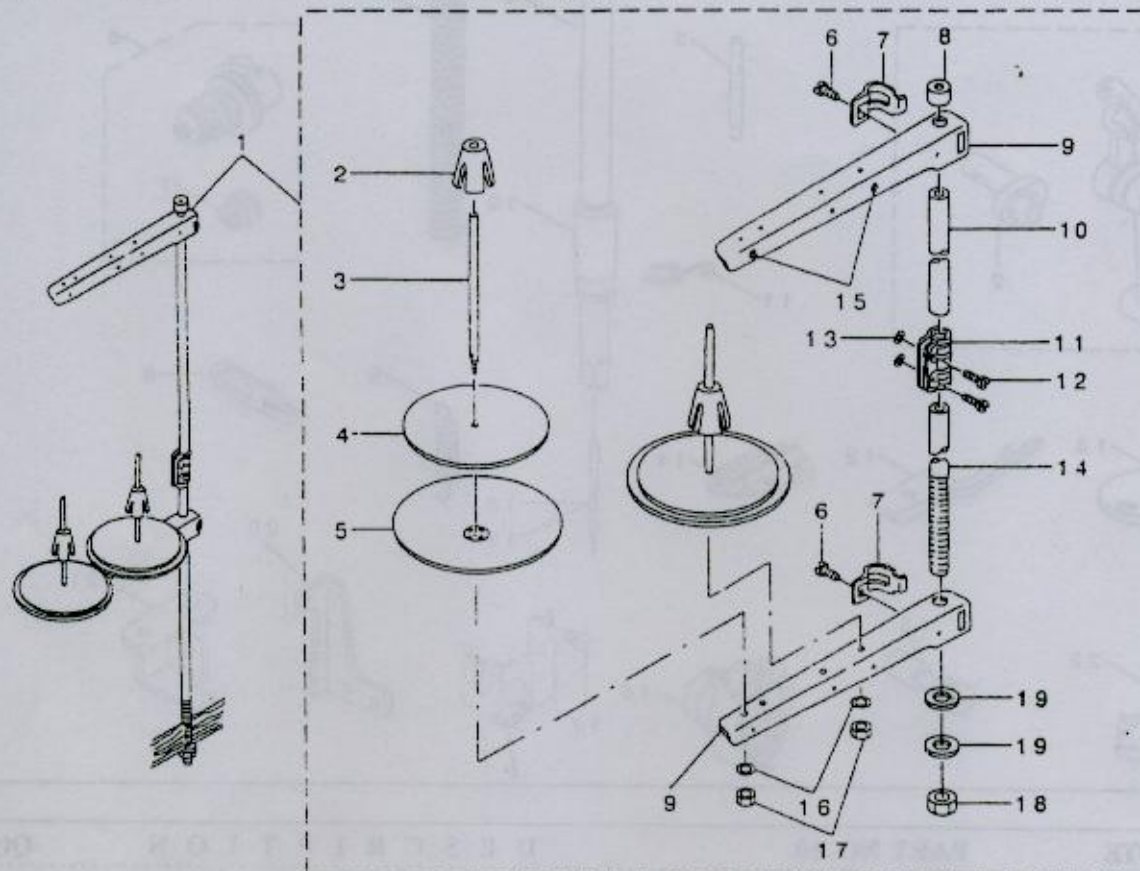


8. BELT COVER & BOBBIN WINDER COMPONENTS



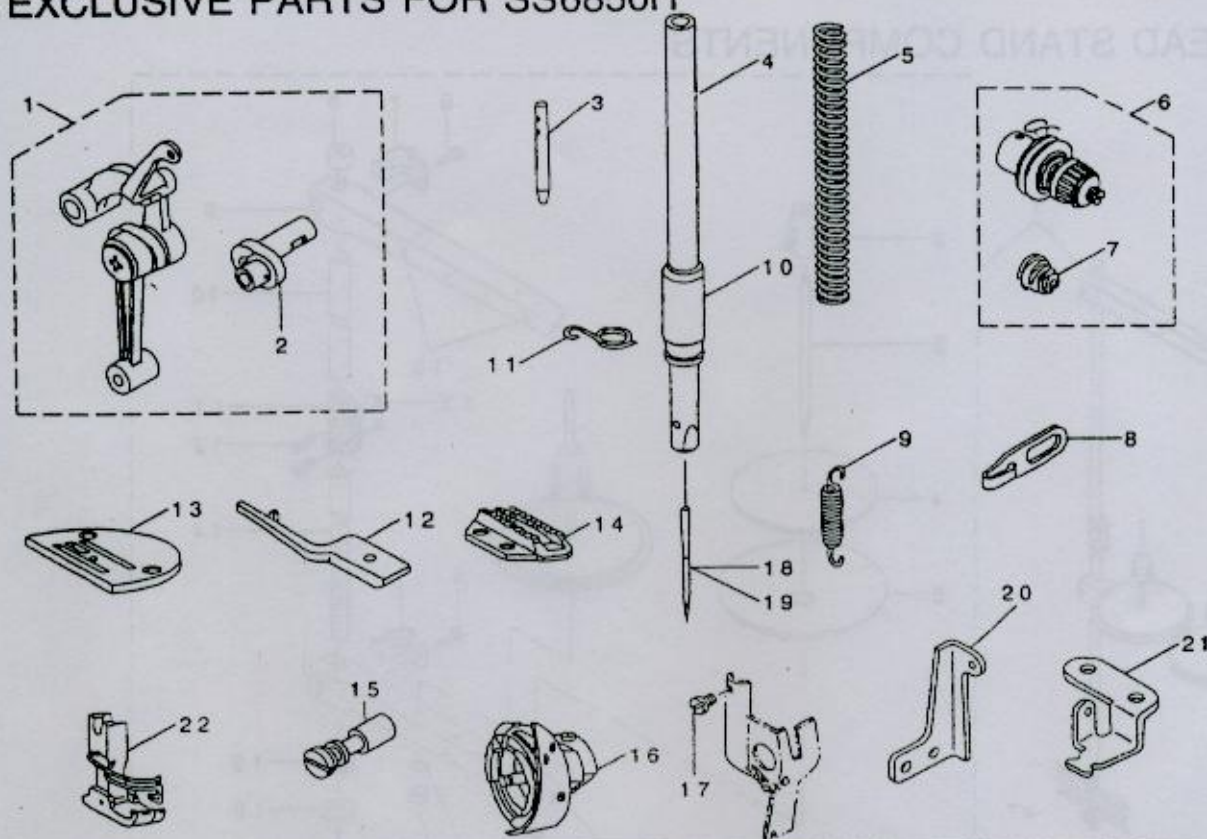
REF. NO	NOTE	PART NO. 8	DESCRIPTION	Qty
1		229 - 33451	BELT COVER ASM.	1
2		229 - 33402	BELT COVER A	(1)
3		229 - 33501	BELT COVER A CAP	(1)
4		229 - 33659	BELT COVER B ASM.	(1)
5		229 - 33600	BELT COVER B	(1)
6		229 - 33758	BELT COVER B CAP ASM.	(1)
7		229 - 33907	BELT COVER SUPPORT, A	1
8		229 - 34004	BELT COVER A SCREW	2
9		SS - 4121415 - SP	SCREW 3/16 - 28 L = 14	1
10		WP - 0501016 - SD	WASHER 5 x 10, 5 x 1	1
11		SK - 3412000 - SC	WOOD SCREW D = 4.1 L = 20	2
12		WP - 0450826 - SC	WASHER 4.5 x 10 x 0.8	2
13		229 - 27354	BOBBIN WINDER COMPL.	1
14		229 - 28501	THREAD TENSION BRACKET ASM.	(1)
15		SS - 4110515 - SP	SCREW 11/64 - 40 L = 5	(1)
16		229 - 28907	THREAD TENSION DISK	(2)
17		229 - 29004	THREAD TENSION SPRING	(1)
18		229 - 28808	THREAD TENSION NUT	(1)
19		SS - 7110350 - SP	SCREW 11/64 - 40 L = 3.5	(1)
20		229 - 28402	RUBBER BRAKE PRESSER PLATE	(1)
21		229 - 28303	RUBBER BRAKE	(1)
22		229 - 28105	POSITIONING FINGER	(1)
23		SD - 0490261 - SP	HINGE SCREW D = 4.9 H = 2.6	(1)
24		SS - 7081310 - SP	SCREW 1/8 - 44 L = 12.5	(1)
25		SS - 8110510 - SP	SCREW 11/64 - 40 L = 5	(1)
26		229 - 28709	THREAD TENSION BRACKET	(1)
27		229 - 27305	BOBBIN BASE	(1)
28		229 - 27404	BOBBIN PULLEY	(1)
29		229 - 27602	BOBBIN WINDER POST	(1)
30		SK - 3412000 - SC	WOOD SCREW D = 4.1 L = 20	2
31		WP - 0450826 - SC	WASHER 4.5 x 10 x 0.8	2

9. THREAD STAND COMPONENTS



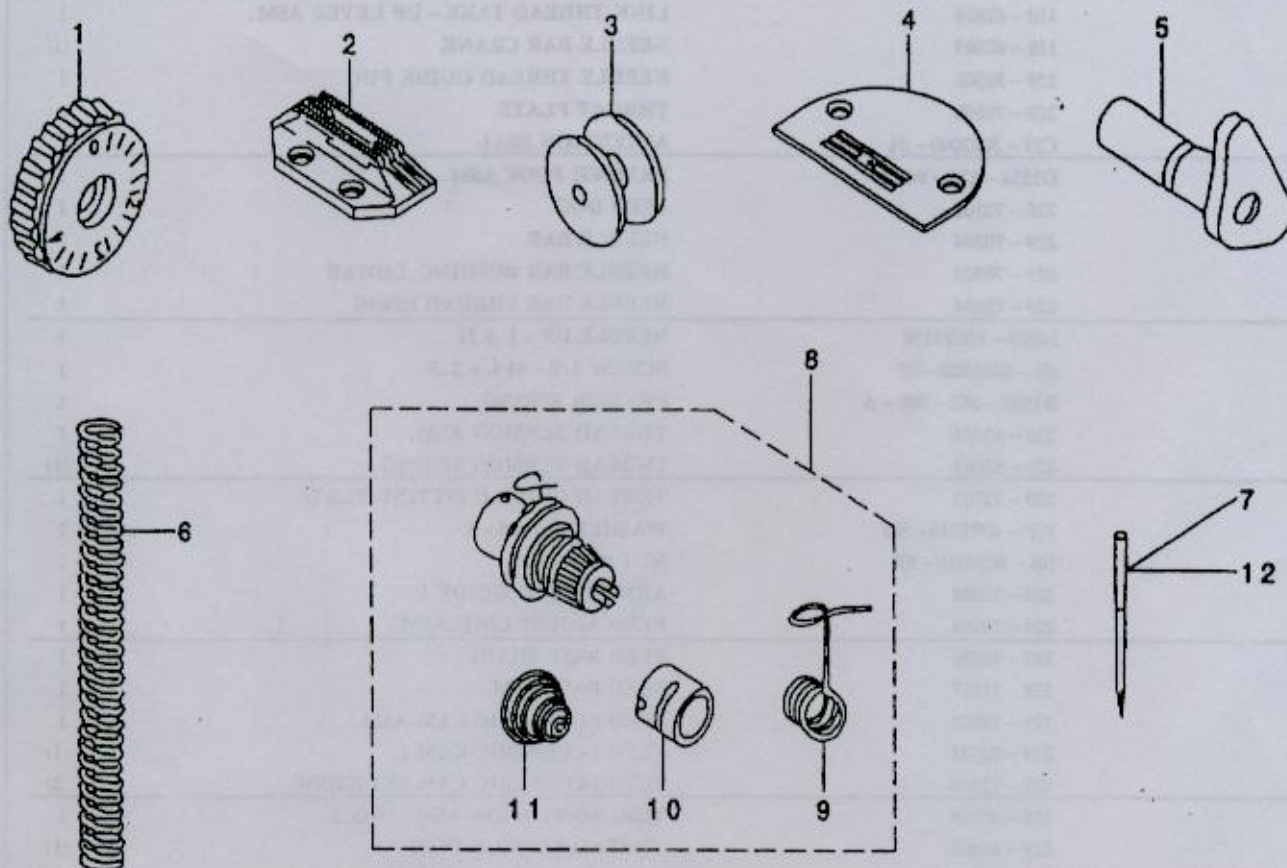
REF.NO	NOTE	PART NO. 9	DESCRIPTION	Qty
1		229 - 30358	THREAD STAND ASM.	1
2		229 - 31109	SPOOL RETAINER	(2)
3		229 - 31000	SPOOL PIN	(2)
4		229 - 30903	SPOOL REST CUSHION	(2)
5		229 - 30804	SPOOL REST	(2)
6		SM - 6061610 - SC	SCREW M6 L = 16	(2)
7		229 - 30705	THREAD GUIDE ARM JOINT	(2)
8		229 - 31406	SPOOL REST ROD RUBBER CAP	(1)
9		229 - 30507	SPOOL REST ARM	(2)
10		229 - 30408	SPOOL REST ROD, UPPER	(1)
11		229 - 31307	SPOOL REST ROD JOINT	(1)
12		SM - 4051405 - SE	SCREW M5 L = 14	(2)
13		NM - 6050001 - SE	SCREW M5	(2)
14		229 - 30309	SPOOL REST ROD, LOWER	(1)
15		229 - 31208	THREAD GUIDE	(2)
16		WS - 0510002 - KN	SPRING WASHER	(2)
17		NM - 6050001 - SE	NUT M5	(2)
18		NM - 6160511 - SE	NUT M16 x 1.5	(1)
19		WP - 1702600 - SO	WASHER 17 x 30 x 2.6	(2)

10. EXCLUSIVE PARTS FOR SS6850H



REF. NO	NOTE	PART NO. 10	DESCRIPTION	Qty
1		110 - 91659	LINK THREAD TAKE - UP LEVER ASM.	1
2		110 - 91600	NEEDLE BAR CRANK H	(1)
3		B1114 - 012 - 000	THREAD GUIDE PIN	1
4		110 - 91303	NEEDLE BAR	1
5		B1505 - 552 - 000 - A	PRESSER SPRING	1
6		110 - 73558	THREAD TENSION ASM.	1
7		B3114 - 232 - 000	THREAD TENSION SPRING	(1)
8		110 - 91006	ARM THREAD GUIDE (HA)	1
9		110 - 91204	ADJUST LINK SPRING	1
10		B1403 - 553 - 000	NEEDLE BAR BUSHING. LOWER	1
11		B1419 - 553 - 000	NEEDLE BAR THREAD GUIDE	1
12		110 - 91709	POSITIONING FINGER	1
13		B1109 - 555 - HOB	THROAT PLATE (H)	1
14		B1613 - 555 - HOO	FEED DOG (H)	1
15		B1213 - 552 - 000 - A	OIL ADJUSTING PIN	1
16		110 - 92459	LUBRICATING BOBBIN ASM.	1
17		SS - 6080320 - SP	SCREW 1/8 - 44 L = 2.5	1
18	# 1	MC - 2005013 - 00	NEEDLE 134 NM130	1
19		MDB - 100B2100	NEEDLE DB x 1 # 21	1
20		110 - 92301	ADJUSTING LINK SPRING GUIDE	1
21		110 - 91907	FEED SPRING HOOK	1
22		B1511 - 543 - BBA	HINGED PRESSER FOOT ASM.	1

11. EXCLUSIVE PARTS FOR SS6850A



REF. NO	NOTE	PART NO. 11	DESCRIPTION	Qty
1		229 - 40506	FEED DIAL	1
2		1613 - 012 - I00	FEED DOG I	(1)
3		B9117 - 552 - A00	BOBBIN	1
4		B1109 - 012 - I0B	THROAT PLATE(I)	1
5		110 - 92558	HAND LIFTER CAM ASM.	1
6		B1505 - 227 - T00 - A	PRESSER SPRING T	1
7		MDA - 100B0900	NEEDLE DA x 1 # 9	1
8		110 - 73756	THREAD TENSION ASM.	1
9		D3128 - 555 - D00	TAKE - UP SPRING	(1)
10		B3111 - 126 - 000	TENSION POST SOCKET	(1)
11		D3129 - 555 - D00	THREAD TENSION SPRING	(1)
12	# 1	MC - 2005006 - 50	NEEDLE 134 NM65	1

REF. NO	NOTE	PART NO. 12	D E S C R I P T I O N	Qty
1		110 - 62858	LINK THREAD TAKE - UP LEVER ASM.	1
2		110 - 62809	NEEDLE BAR CRANK	(1)
3		229 - 58300	NEEDLE THREAD GUIDE PIN	1
4		229 - 70008	THROAT PLATE	1
5		CM - 3002000 - 01	ATTENTION SEAL	1
6		D1524 - 126 - WBA	PRESSER FOOT ASM.	1
7		229 - 72103	FEED DOG	1
8		229 - 70206	NEEDLE BAR	1
9		229 - 70305	NEEDLE BAR BUSHING, LOWER	1
10		229 - 70404	NEEDLE BAR THREAD HOOK	1
11		MBD - 100B2100	NEEDLE DB x 1 # 21	1
12		SS - 6080320 - SP	SCREW 1/8 - 44 L = 2.5	1
13		B1505 - 552 - 000 - A	PRESSER SPRING	1
14		229 - 62054	THREAD TENSION ASM.	1
15		229 - 62005	THREAD TENSION SPRING	(1)
16		229 - 72707	THREAD GUIDE C FITTING PLATE	1
17		WP - 0371016 - SD	WASHER 3.7 x 8 x 1	1
18		NS - 6090310 - SP	NUT 9/64 - 40	1
19		229 - 72608	ARM THREAD GUIDE C	1
20		229 - 70958	FEED ADJUST LINK ASM.	1
21		229 - 40803	FEED BASE SHAFT	1
22		229 - 71857	FEED BASE ASM.	1
23		229 - 70552	FEED ECCENTRIC CAM ASM.	1
24		229 - 70503	FEED ECCENTRIC CAM L	(1)
25		229 - 72806	FEED ECCENTRIC CAM SETSCREW	(2)
26		229 - 45455	THREAD TENSION ASM. , NO. 1	1
27		229 - 45406	THREAD TENSION POST	(1)
28		229 - 45604	THREAD TENSION GUIDE	(1)
29		229 - 45802	THREAD TENSION DISK	(2)
30		229 - 45505	THREAD TENSION SPRING	(1)
31		229 - 45703	THREAD TENSION NUT	(1)
32		229 - 71550	FEED LEVER ARM ASM.	1
33		SS - 7121410 - TP	SCREW 3/16 - 28 L = 14	(1)
34		229 - 71105	FEED REGULATOR ROD	1
35		229 - 71204	FEED REGULATOR BASE PIN	1
36		229 - 71303	FEED REGULATOR BASE	1
37		229 - 71402	FEED DIAL	1
38		229 - 71006	FEED REGULATOR BASE SPRING	1
39		229 - 71709	FEED REVERSE SPRING	1
40		229 - 70602	FEED SPRING HOOK	1
41		229 - 70701	HORIZONTAL FEED ROD	1
42		229 - 70859	HORIZONTAL FEED ARM ASM.	1
43		SS - 6121610 - SP	SCREW 3/6 - 28 L = 15.5	(1)
44		229 - 72251	VERTICAL FEED ARM ASM.	1
45		SS - 6121610 - SP	SCREW 3/6 - 28 L = 15.5	(1)
46		229 - 70156	HAND WHEEL ASM.	1
47		229 - 70107	HAND WHEEL	(1)
48		SS - 8151550 - SP	SCREW 15/64 - 28 L = 15	(2)
49		110 - 62759	OIL HOOK ASM.	1
50		110 - 72907	BELT COVER, A	1
51		110 - 73004	BELT COVER, B	1
52		SS - 4701415 - SD	SCREW	2
53		110 - 23504	BELT COVER SUPPORT, A	1
54		SS - 7120640 - SP	SCREW 3/16 - 28 L = 6	1
55		110 - 23603	BELT COVER COLLAR	2
56		229 - 40654	FEED ROCKER ASM.	1
57		SS - 7121410 - TP	SCREW 3/16 - 28 L = 14	(1)
58		229 - 67301	NEEDLE SEAL	1

12. EXCLUSIVE PARTS FOR SS6850M

