

MODEL : MH-481

List No : 0001-15

# PARTS LIST

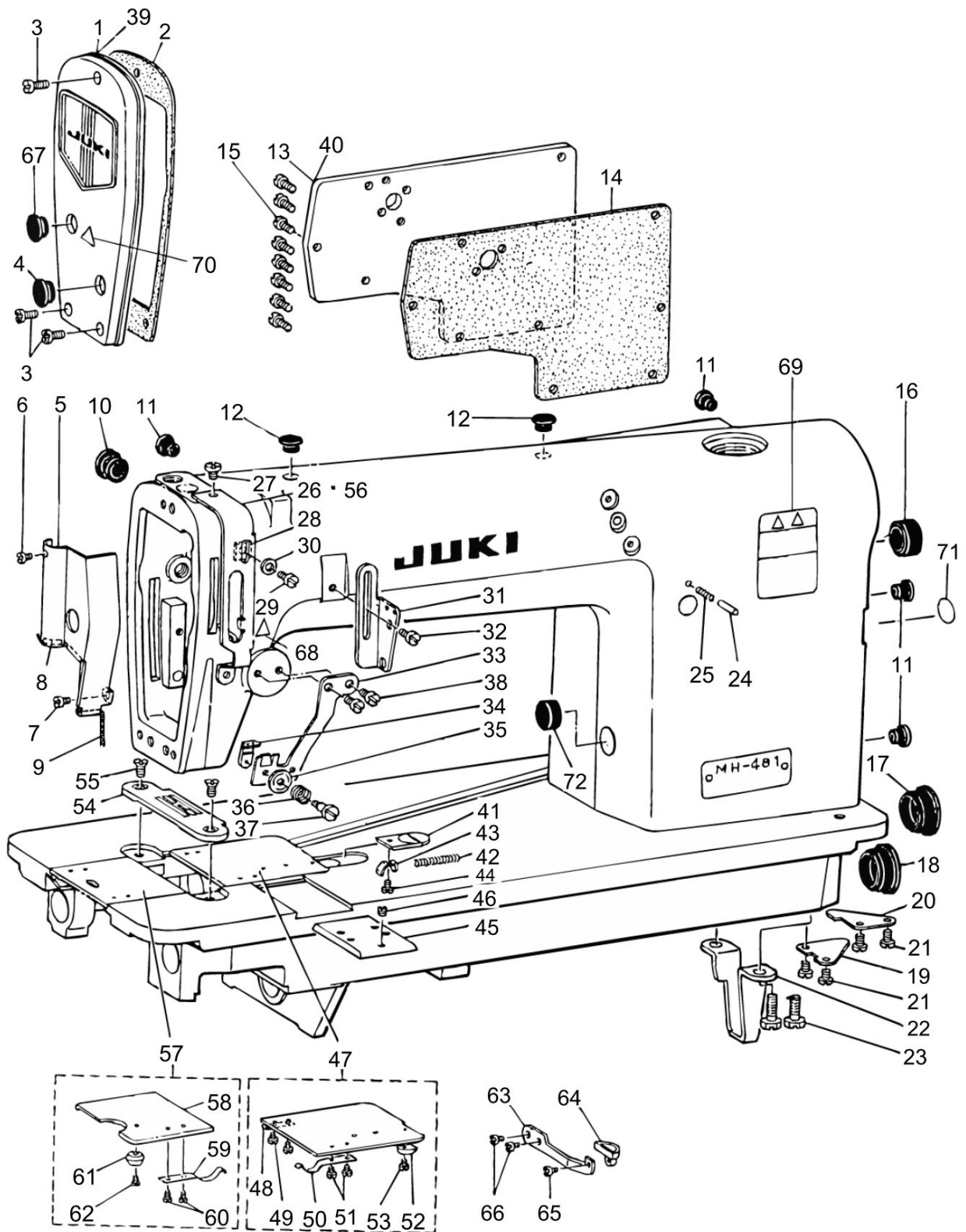
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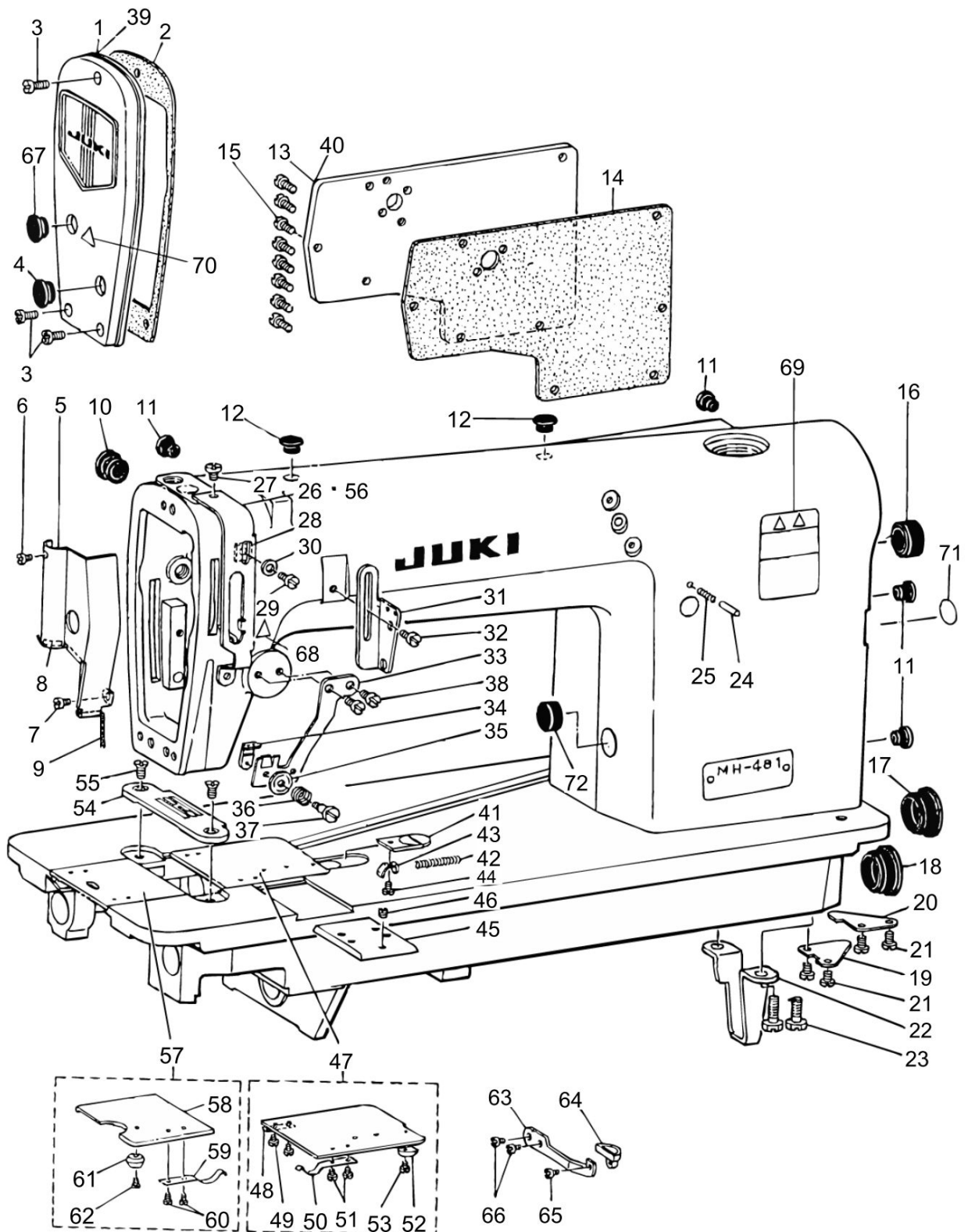
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	40114236	FACE PLATE ASM.				1
2	B1122552000	FACE PLATE GASKET				1
3	SS4111015SP	SCREW 11/64-40 L=10				3
4	TA1250406R0	RUBBER PLUG D=12.5 L=4				1
5	B1130481000A	ARM OIL SHIELD				1
6	SS6080320SP	SCREW 1/8-44 L=2.5				1
7	SS4110515SP	SCREW 11/64-40 L=5				1
8	B1131481000	NON-WOVEN FABRIC				1
9	B1132481000	OIL WICK				1
10	TA1250705R0	RUBBER PLUG				1
11	TA0750704R0	RUBBER PLUG				4
12	TA1050504R0	RUBBER PLUG				2
13	B1118481000	SIDE PLATE				1
14	B1119481000	GASKET				1
15	SS4110815SP	SCREW 11/64-40 L=8				8
16	TA2101002R0	RUBBER PLUG				1
17	TA2351305R0	RUBBER PLUG				1
18	TA2351004R0	RUBBER PLUG				1
19	B1134481000	BED OIL SHIELD				1
20	B1135481000	BED OIL SHIELD (B)				1
21	SS7110510SP	SCREW 11/64-40 L=5				4
22	B1106122000	BED SUPPORT PLATE				1
23	SS9151120CP	SCREW 15/64-28 L=11				2
24	22912000	FEED REGULATOR PIN				1
25	22912109	FEED REGULATOR PIN SPRING				1
26	B1904481000	THREAD TAKE-UP LEVER GUARD				1
27	SS4110515SP	SCREW 11/64-40 L=5				2
28	B1903481000	TAKE-UP THREAD TENSION LEVER				1
29	SS4110515SP	SCREW 11/64-40 L=5				1
30	WP0480856SP	WASHER 4.8X8.4X0.8				1
31	B1905380000	FRAME THREAD EYELET				1
32	SS4110515SP	SCREW 11/64-40 L=5				1
33	B1912481000	TENSION CONTROLLER INSTALLING				1
34	B1913481000	TAKE-UP THREAD GUIDE				1
35	B3148123000	TENSION DISC				1
36	B1914481000	TAKE-UP THREAD TENSION SPRING				1
37	B1916481000	TAKE-UP THREAD TENSION POST				1
38	SS4110715SP	SCREW 11/64-40 L=7				2
39	B112155200A	FACE PLATE	FOR URBAN WHITE			1
40	B111848100A	SIDE PLATE	FOR URBAN WHITE			1
41	B1110481000A	CAM COVER LATCH				1
42	B1111481000	SPRING				1
43	B1112481000A	SPRING SUSPENSION				1
44	SS6080320SP	SCREW 1/8-44 L=2.5				1
45	B1111038000	ATTACHMENT CLAMP BED SLIDE PLATE				1
46	SS8110310SP	SCREW 11/64-40 L=2.8				1
47	B11064810A0A	CAM COVER ASM.				1

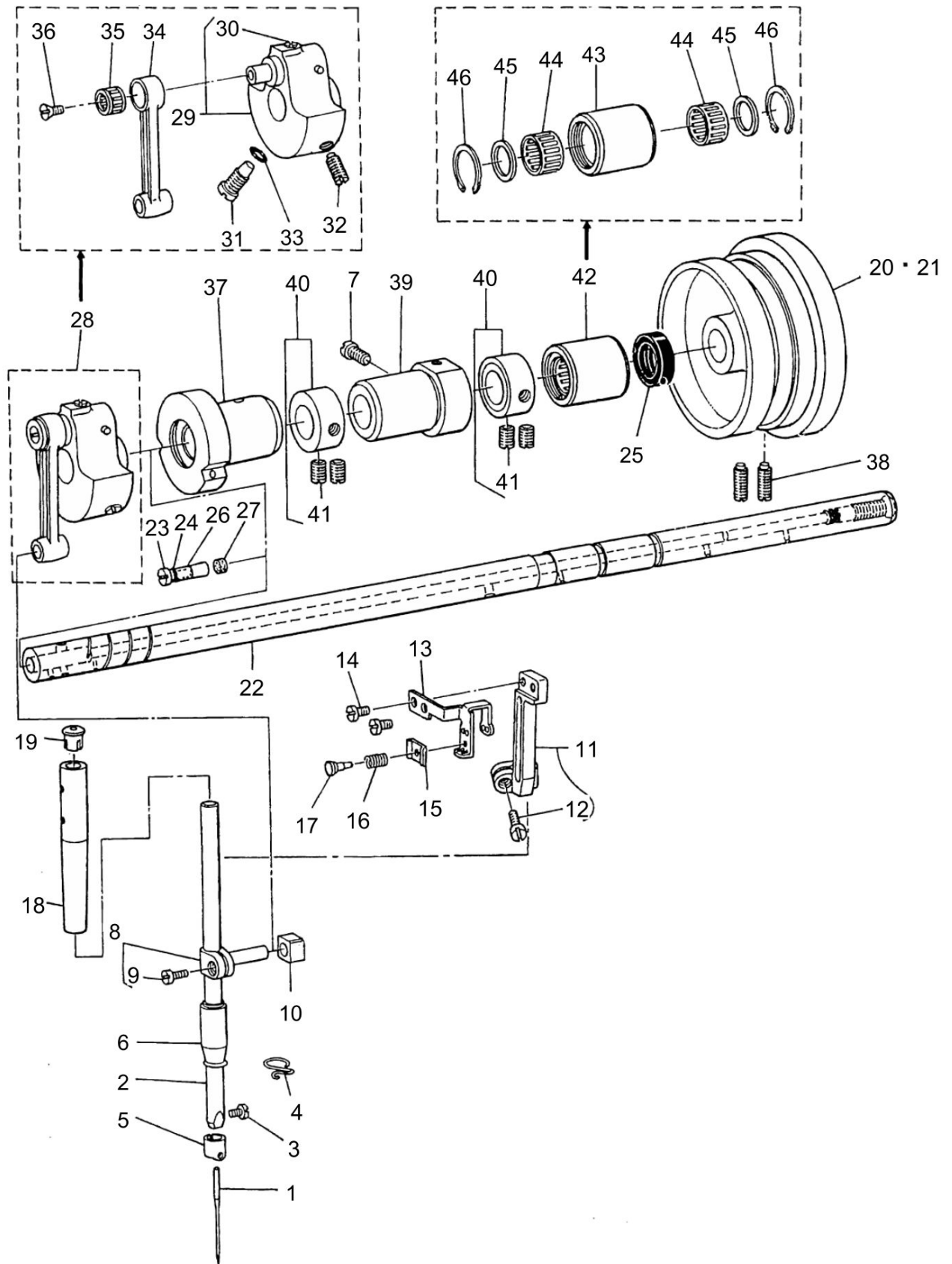
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	B1108481000	CAM COVER SUPPORT		*		1
49	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
50	B1109481000	SPRING		*		1
51	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
52	B1107481000	CAM COVER GUIDE		*		1
53	SS6060340SP	SCREW 3/32-56 L=2.5		*		1
54	B1103481F00	THROAT PLATE				1
55	SS2110920TP	SCREW 11/64-40 L=8.5				2
56	B190448100A	THREAD TAKE-UP LEVER COVER	FOR URBAN WHITE			1
57	B1104380AA0	BED SLIDE ASM.				1
58	B1104380A00	BED SLIDE		*		1
59	B1115380000	SPRING		*		1
60	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
61	B1107380000	BED SLIDE GUIDE		*		1
62	SS6060340SP	SCREW 3/32-56 L=2.5		*		1
63	B1105380000	BED SLIDE STOPPER				1
64	B1106380000	LATCH				1
65	SS4080415SP	SCREW 1/8-44 L=4				1
66	SS4110515SP	SCREW 11/64-40 L=5				2
67	TA2050406R0	RUBBER PLUG				1
68	CM300200001	ATTENTION SEAL	FOR JE, USE IN JAPAN			1
69	CM301200001	SAFETY LABEL_S				1
70	CM300200001	ATTENTION SEAL	FOR USE IN JAPAN			1
71	22901805	GROUND MARK				1
72	TA1750502R0	RUBBER PLUG D=17.5 L=5				1

MAIN SHAFT & NEEDLE BAR COMPONENTS

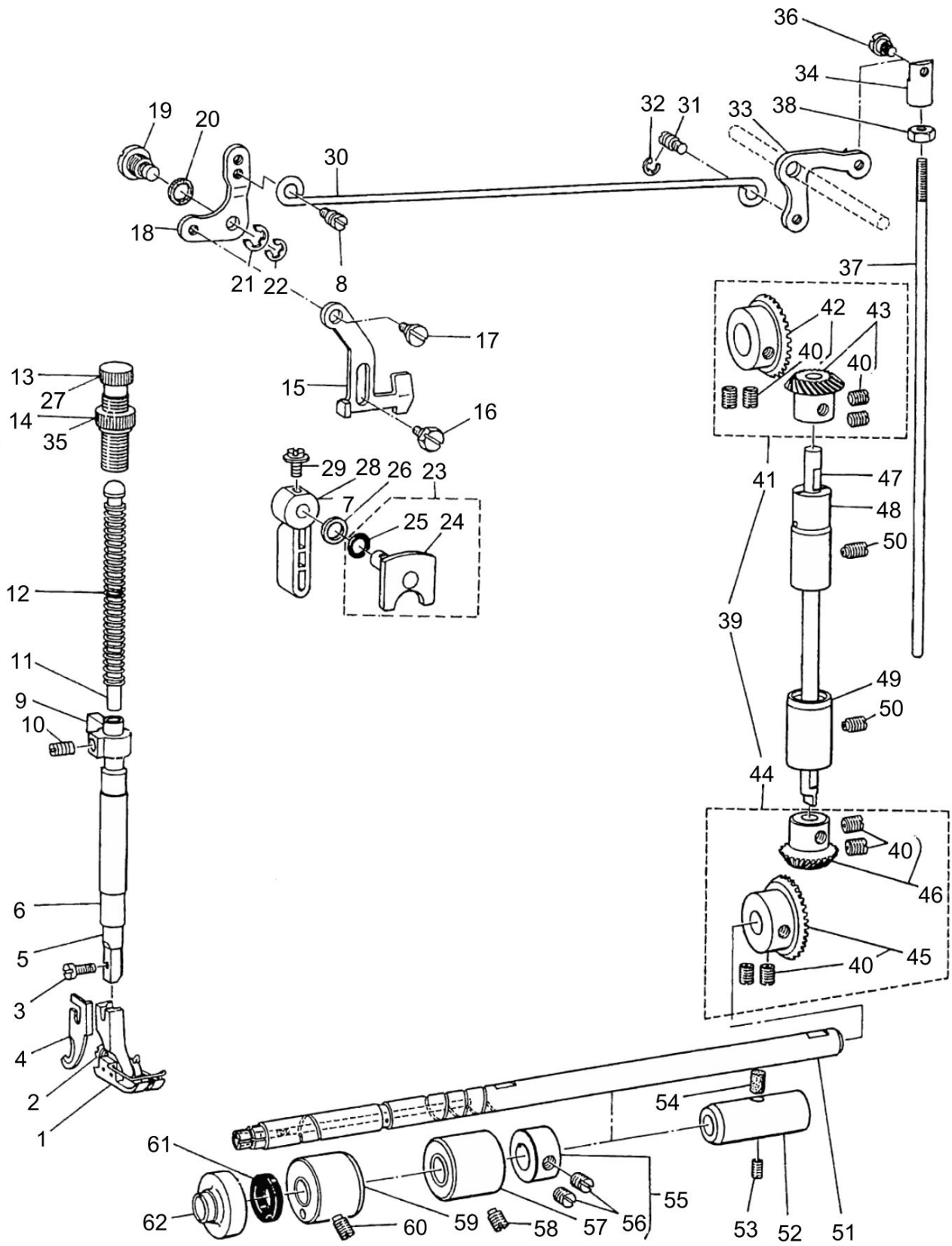


MAIN SHAFT & NEEDLE BAR COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	MTV700B1100	NEEDLE TVX7 #11				1
2	B1401481000	NEEDLE BAR				1
3	SS7080510TP	SCREW 1/8-44 L=4.5				1
4	B1419155000	NEEDLE BAR THREAD GUIDE				1
5	B1418552A00	NEEDLE THREAD GUIDE A				1
6	B1403155000	NEEDLE BAR BUSHING LOWER				1
7	SS7151120SP	SCREW 15/64-28 L=11				1
8	B14114810A0	NEEDLE BAR CONNECTION ASM.				1
9	SS6090670TP	SCREW 9/64-40 L=6		*		1
10	B1414555000	SLIDE BLOCK				1
11	B19024810A0B	THREAD TAKE-UP LEVER ASM.				1
12	SS6091210TP	SCREW 9/64-40 L=12		*		1
13	B1901481000A	THREAD TAKE-UP				1
14	SS6090670TP	SCREW 9/64-40 L=6				2
15	B1908481000A	THREAD TENSION REGULATING PLATE				1
16	D1910481C00	TENSION SPRING				1
17	B1909481000A	THREAD TENSION REGULATING STUD				1
18	22906101	NEEDLE BAR BUSHING UPPER				1
19	22901409	NEEDLE BAR UPPER BUSH CAP				1
20	B1217490000	HAND WHEEL				1
21	B121749000A	HAND WHEEL	FOR URBAN WHITE			1
22	B1201481000A	MAIN SHAFT				1
23	B1213552000A	OIL ADJUSTING PIN				1
24	RO029180100	RUBBER RING				1
25	D1208555D00	OIL SEAL				1
26	B1215552000	OIL ADJUSTING COLLAR				1
27	B1226552000	ROLLER FELT				1
28	B12064810A0	COUNTERWEIGHT ASM.				1
29	B12064810B0	COUNTERWEIGHT ASM.		*		1
30	SS8150710TP	SCREW 15/64-28 L=7		*		1
31	SS7681650TP	SCREW 9/32-28 L=16		*		1
32	SS8681650TP	SCREW 9/32-28 L=16		*		1
33	RO044240100	RUBBER RING		*		1
34	B1408481000	NEEDLE BAR CRANK ROD		*		1
35	B1905541B00	NEEDLE BEARING		*		1
36	B1903552000	LEFT SCREW		*		1
37	B1202481000	BUSHING FRONT				1
38	SS8151550SP	SCREW 15/64-28 L=15				2
39	B1203481B00	BUSHING INTERMEDIATE				1
40	CS147121ESH	THRUST COLLAR ASM. D=14.72 W=12				2
41	SS8660810TP	SCREW 1/4-40 L=8		*		2
42	D1204555DA0	MAIN SHAFT BUSHING REAR ASM.				1
43	D1204555D00	MAIN SHAFT BUSHING REAR		*		1
44	D1230555B00	NEEDLE BEARING		*		2
45	D1231555B00	WASHER		*		2
46	D1232555B00	SNAP RING		*		2



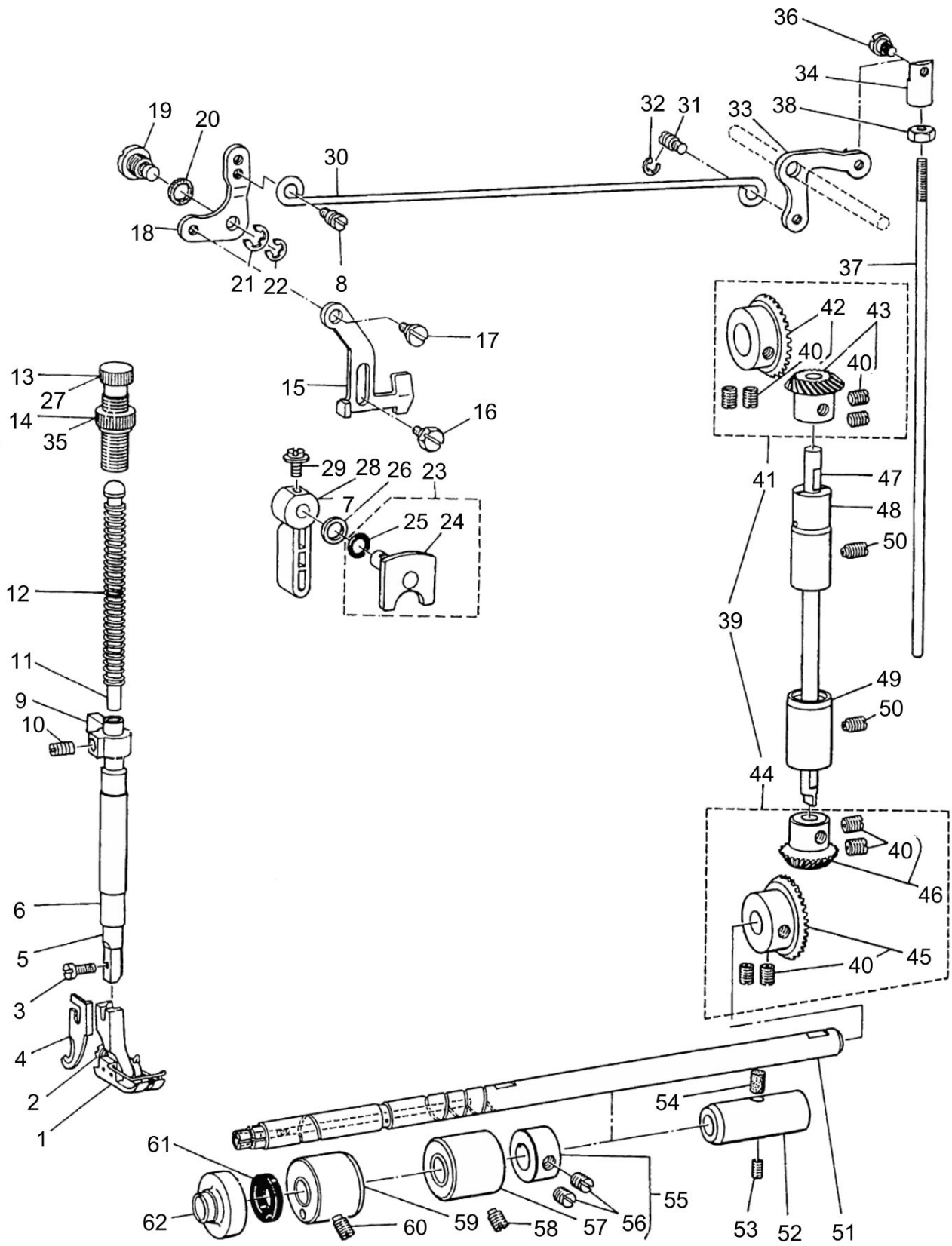
PRESSER BAR & LOWER SHAFT COMPONENTS



PRESSER BAR & LOWER SHAFT COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B15244810B0	PRESSER FOOT ASM.				1
2	SS5060310SP	SCREW 3/32-56 L=2.8				1
3	SS7091110TP	SCREW 9/64-40 L=10.5				1
4	B1528481000	THREAD CUTTER				1
5	22907000	PRESSER BAR				1
6	22907109	PRESSER BAR BUSHING LOWER				1
7	22907802	HAND LIFTER	FOR URBAN WHITE			1
8	22908909	HINGE SCREW				1
9	10178705	PRESSER BAR GUIDE BRACKET				1
10	SS8660610TP	SCREW 1/4-40 L=6				1
11	22907703	PRESSER GUIDE BAR				1
12	22907406	PRESSER SPRING				1
13	B1509555000	PRESSER SPRING REGULATOR				1
14	B1511555000	NUT				1
15	B1515552000	LIFTING LEVER				1
16	SD0630275SP	HINGE SCREW D=6.35 H=2.7				1
17	SD0630301SP	HINGE SCREW D=6.35 H=3				1
18	B1516552000	LIFTING LEVER LINK				1
19	B1517552000	HINGE PIN				1
20	B3431581000	LIFTING LEVER GASKET				1
21	B1523226000	SNAP RING				1
22	RE0600000K0	E-RING 6				1
23	B15185550A0	HAND LIFTER CAM ASM.				1
24	B1518552000	HAND LIFTER CAM.		*		1
25	RO037180100	RUBBER RING		*		1
26	WP0740516SP	WASHER 7.4X11.8X0.5				1
27	22907505	PRESSER SPRING REGULATOR	FOR URBAN WHITE			1
28	B1520552000A	HAND LIFTER				1
29	B1521555000	SCREW				1
30	B3412415000	LIFTING LEVER CONNECTING ROD				1
31	B3416552000	CONNECTING ROD HINGE SCREW				1
32	RE0500000K0	E-RING				1
33	B3414415000A	LIFTING LEVER LINK RIGHT				1
34	B3416415000A	SWIVEL				1
35	22907604	PRESSER SPRING REGULATOR NUT	FOR URBAN WHITE			1
36	SD0600322SD	HINGE SCREW D=6 H=3.2				1
37	B3415481000	CONNECTING ROD VERTICAL				1
38	NS6620310SP	NUT 3/16-32				1
39	B13084810C0	GEAR LOWER ASM.				1
40	SS8660810TP	SCREW 1/4-40 L=8		*		8
41	B13061550B0	GEAR & PINION ASM. UPPER		*		1
42	B13050120A0	GEAR ASM.		*		1
43	B13061550A0	PINION ASM.		*		1
44	B13084810B0	GEAR & PINION ASM.		*		1
45	B13084810A0	GEAR LOWER(LARGE)ASM.		*		1
46	B13061550A0	PINION ASM.		*		1
47	B1301481000A	UPPIGHT SHAFT				1

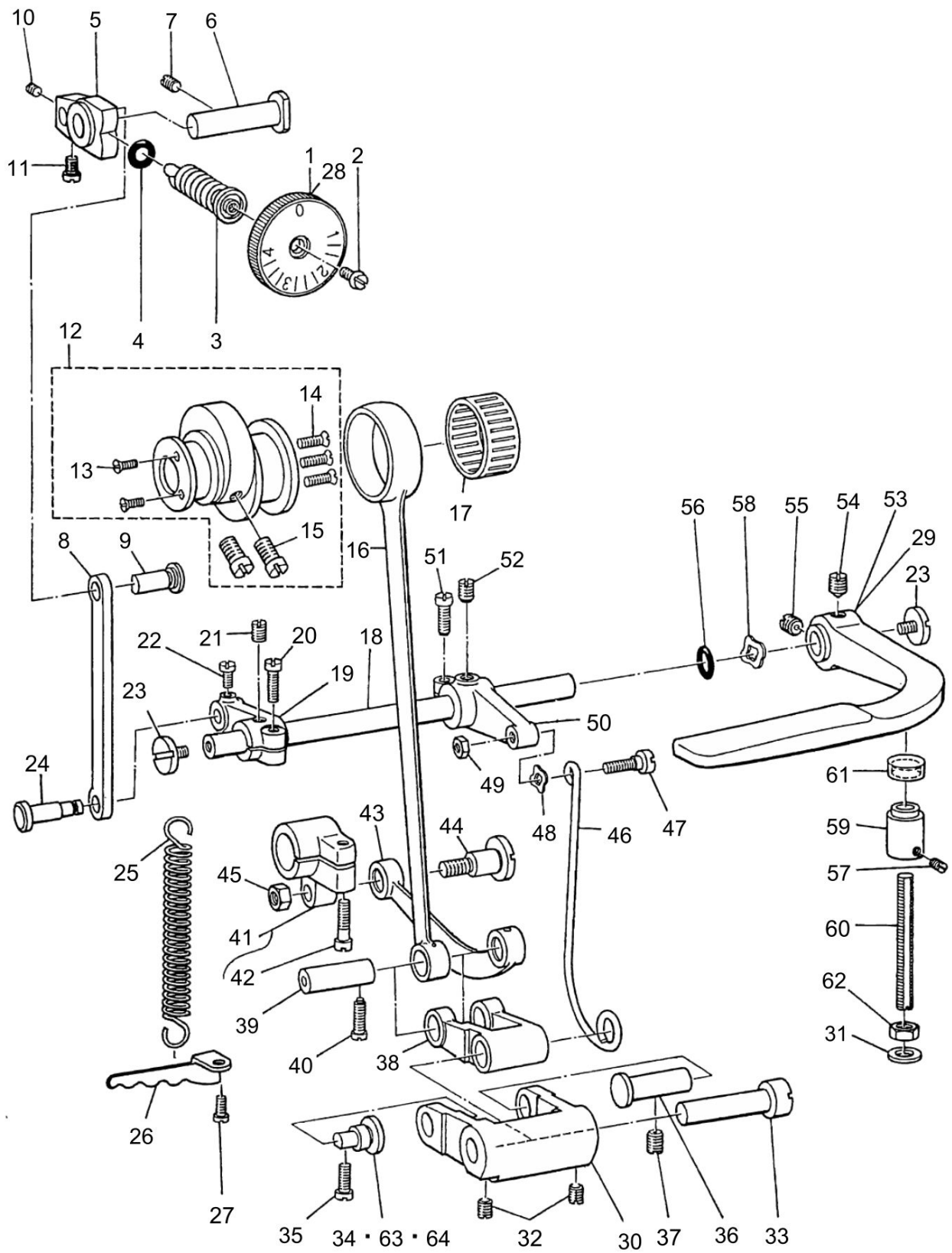
PRESSER BAR & LOWER SHAFT COMPONENTS



PRESSER BAR & LOWER SHAFT COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	B1302552B00	BUSHING UPPER				1
49	11004207	UPRIGHT SHAFT BUSHING LOWER				1
50	SS8151150SP	SCREW 15/64-28 L=10.5				2
51	B1801481000A	LOWER SHAFT				1
52	B1607352000	BUSHING REAR				1
53	SS8151150SP	SCREW 15/64-28 L=10.5				1
54	22814909	FELT				1
55	CS111121ASH	THRUST COLLAR ASM. D=11.11 W=12				1
56	SS8660810TP	SCREW 1/4-40 L=8		*		2
57	B1803481000	BUSHING INTERMEDIATE				1
58	SS8151150SP	SCREW 15/64-28 L=10.5				1
59	B1802481000	BUSHING FRONT				1
60	SS8151150SP	SCREW 15/64-28 L=10.5				1
61	B1813481000	OIL SEAL				1
62	B2226481000	LOOPER THREAD GUARD BUSHING				1

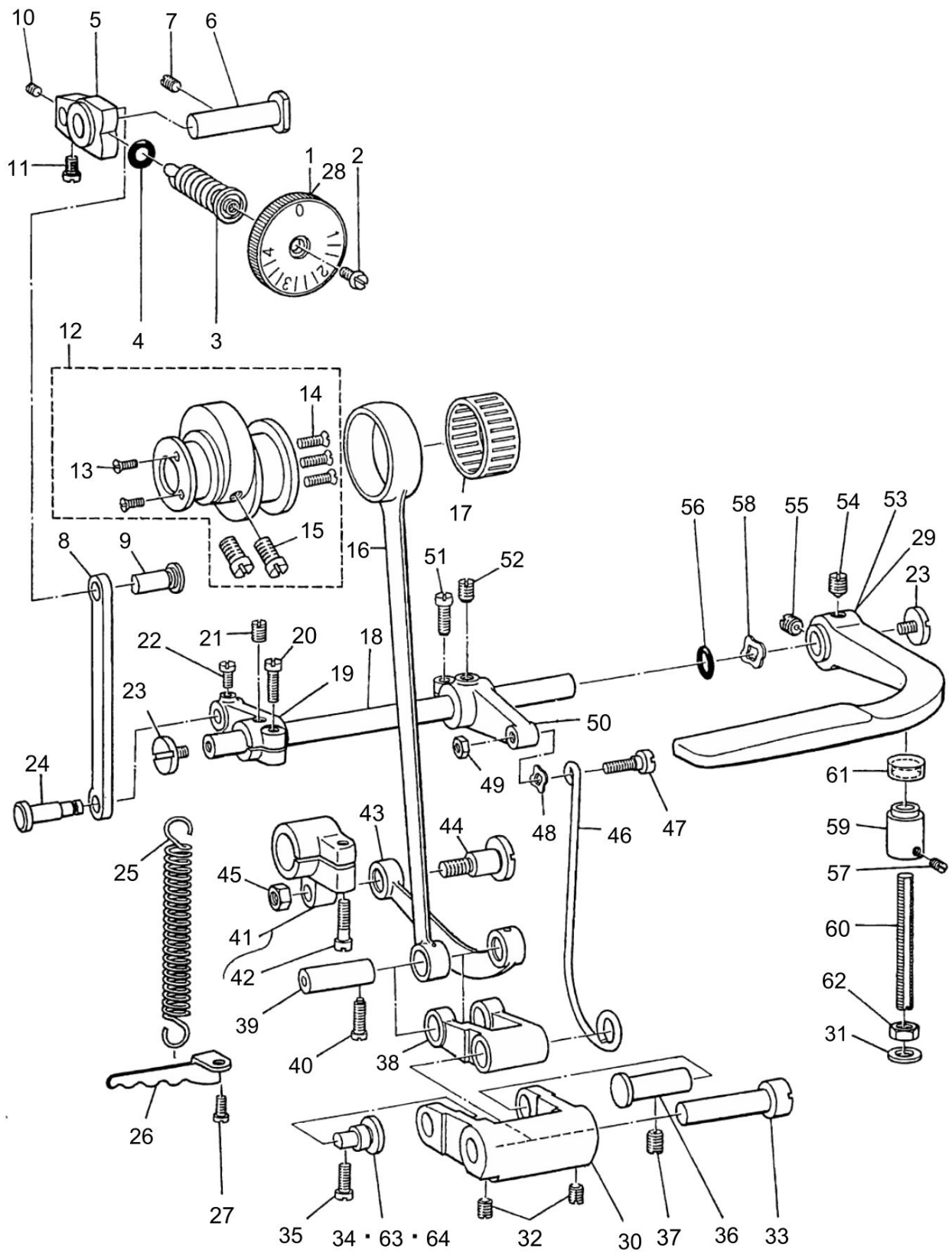
FEED MECHANISM COMPONENTS (1)



FEED MECHANISM COMPONENTS (1)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B1623555000A	FEED REGULATOR DIAL				1
2	SS6120930SP	SCREW 3/16-28 L=9				1
3	B1634555000B	STITCH LENGTH REGULATING SCREW				1
4	RO074240100	RUBBER RING				1
5	B1620481000	FEED REGULATOR				1
6	B1622555000	HINGE PIN				1
7	SS8150710SP	SCREW 15/64-28 L=7				1
8	40114880	FEED REGULATOR CONNECTING ROD				1
9	B1626555000	FEED REGULATOR CONNECTING ROD PIN				1
10	SS8110510SP	SCREW 11/64-40 L=5				1
11	SS7110710SP	SCREW 11/64-40 L=7				1
12	B16104810B0	FEED ECCENTRIC CAM ASM.				1
13	SS2090710TP	SCREW 9/64-40 L=7.2		*		2
14	SS2110930SP	SCREW 11/64-40 L=8.75		*		3
15	SS6661110SP	SCREW 1/4-40 L=11		*		2
16	40114884	FEED ROCKER SHAFT CONNECTING R				1
17	B1636581B00	NEEDLE BEARING B	SELECTIVE PARTS			1
18	B1621555000A	CONTROL LEVER SHAFT				1
19	40120458	CONTROL LEVER SHAFT CRANK				1
20	SS6121210SP	SCREW 3/16-28 L=12				1
21	SS8150710SP	SCREW 15/64-28 L=7				1
22	SS7110910SP	SCREW 11/64-40 L=8.5				1
23	SS7620750SP	SCREW 3/16-32 L=6.5				2
24	B1628555000	TENSION SPRING SUSPENSION STUD				1
25	B1646555000	TENSION SPRING				1
26	B1636555000	SUSPENSION BRACKET				1
27	SS7111120SP	SCREW 11/64-40 L=10.5				1
28	B1623555A00	FEED REGULATOR DIAL	FOR URBAN WHITE			1
29	B162455500A	REVERSE FEED CONTROL LEVER	FOR URBAN WHITE			1
30	40136257	FEED DRIVING ROCKER				1
31	WP0621016SD	WASHER 6.2X13X1				1
32	SS8620610SP	SCREW 3/16-32 L=6				2
33	40114882	FEED DRIVING ROCKER HINGE PIN				1
34	B1619555000	FEED DRIVING ROCKER HINGE PIN				1
35	SS7111120SP	SCREW 11/64-40 L=10.5				1
36	B1618161000	FEED DRIVING ROCKER ARM HINGE				1
37	SS8150710SP	SCREW 15/64-28 L=7				1
38	40136256	FEED DRIVING ROCKER ARM				1
39	B1633555000	ROCKER ARM CONNECTING PIN				1
40	SS7111260SP	SCREW 11/64-40 L=12				1
41	B1608481000	FEED ROCKER SHAFT CRANK ARM				1
42	SS6121610TP	SCREW 3/16-28 L=15.5		*		1
43	B1606481000	CONNECTING ROD				1
44	SD1020701SP	HINGE SCREW D=10.2 H=7				1
45	NS6680320SP	NUT 9/32-28				1
46	B1630555000	ROCKER ARM CONNECTING ROD				1
47	SD0500401SP	HINGE SCREW D=5 H=4				1

FEED MECHANISM COMPONENTS (1)

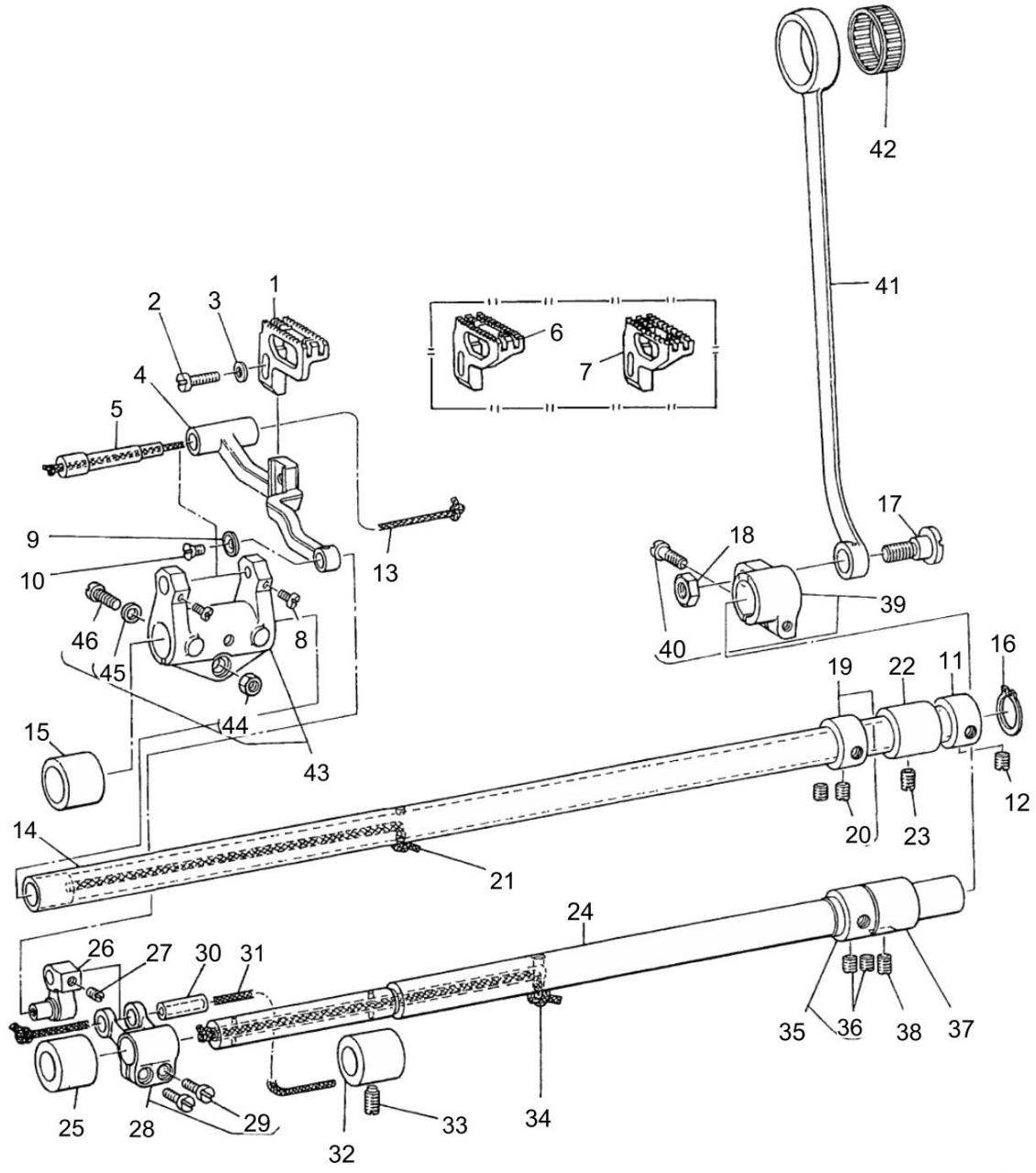


FEED MECHANISM COMPONENTS (1)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	WZ0541510KP	WAVED WASHER 5.4X9.0X0.3				1
49	NS6120310SP	NUT 3/16-28				1
50	40114881	CONTROL LEVER CRANK REAR				1
51	SS6121210SP	SCREW 3/16-28 L=12				1
52	SS8150710SP	SCREW 15/64-28 L=7				1
53	B1624555000	REVERSE FEED CONTROL LEVER				1
54	SS8661040TP	SCREW 1/4-40 L=10				1
55	SS8660810TP	SCREW 1/4-40 L=8				1
56	RO069180100	RUBBER RING				1
57	SS8090540SP	SCREW 9/64-40 L=5				1
58	WZ1052010KP	WAVED WASHER				1
59	B1660481000	STOPPER				1
60	B1661481000	SCREW				1
61	B1662481000	LEVER STOPPER RUBBER CAP				1
62	NS6150430SP	NUT 15/64-28				1
63	40082080	FEED DRIVING ROCKER HINGE PIN 1	SELECTIVE PARTS			1
64	40082081	FEED DRIVING ROCKER HINGE PIN 2	SELECTIVE PARTS			1



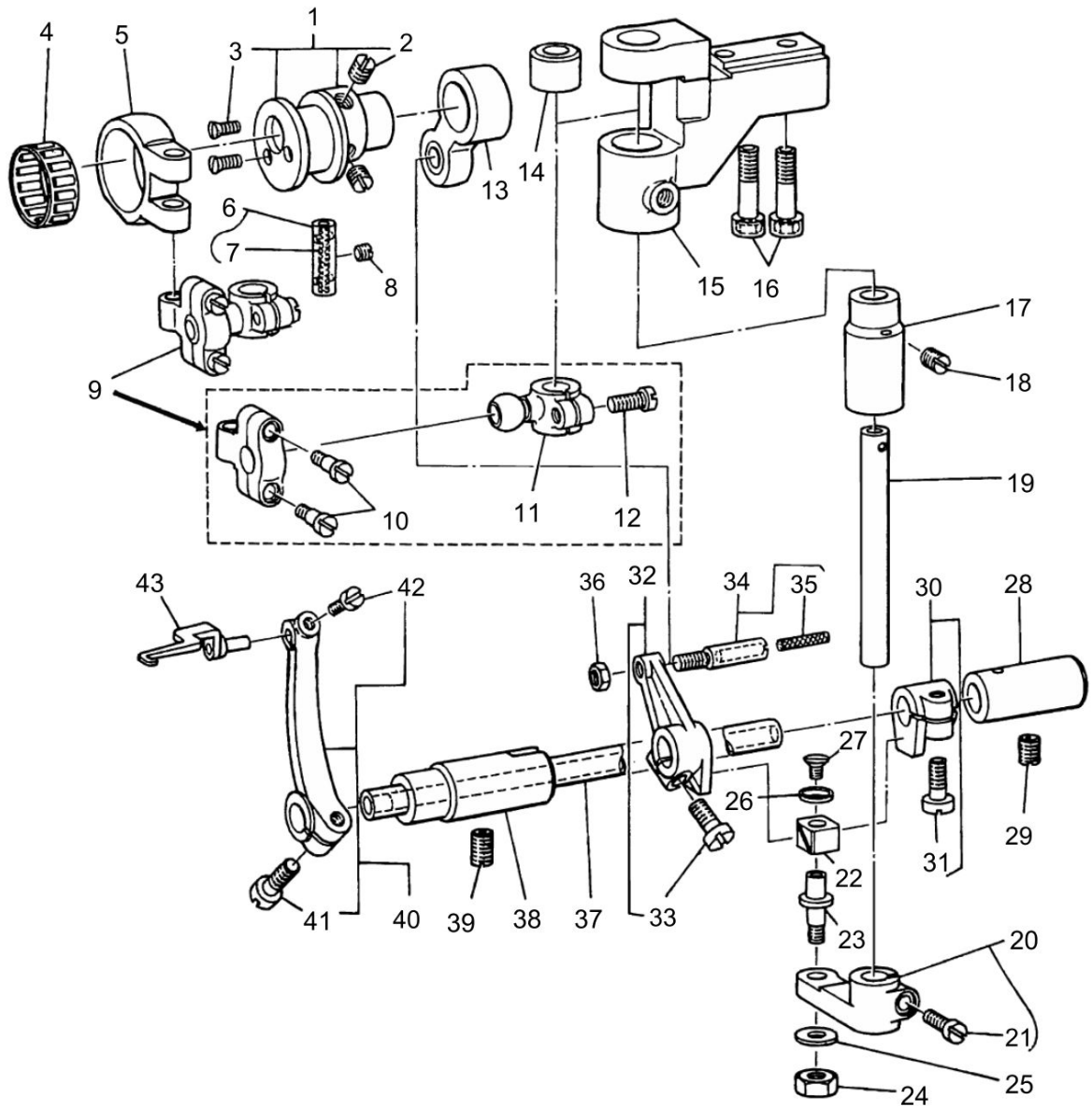
FEED MECHANISM COMPONENTS (2)



FEED MECHANISM COMPONENTS (2)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B1613481F00	FEED DOG				1
2	SS7111410TP	SCREW 11/64-40 L=14				1
3	WP0480856SP	WASHER 4.8X8.4X0.8				1
4	B1602481000A	FEED BAR				1
5	B1604486000	FEED BAR SHAFT				1
6	B1613481D00	FEED DOG (D)	SPECIAL ORDER PARTS			1
7	B1613481G00	FEED DOG	SPECIAL ORDER PARTS			1
8	SS6090810SP	SCREW 9/64-40 L=7.5				2
9	B1715481000	COUNTER-SUNK WASHER				1
10	SS1080510SP	SCREW 1/8-44 L=5				1
11	CS1470712SH	THRUST COLLAR D=14.72 W=7				1
12	SS8110410TP	SCREW 11/64-40 L=3.5				2
13	CQ303000000	OIL WICK				0.2
14	B1601555000	FEED ROCKER SHAFT				1
15	40133994	FEED ROCKER SHAFT BUSHING				1
16	RC0150001KP	RETAINING RING 13.8				1
17	SD1020701SP	HINGE SCREW D=10.2 H=7				1
18	NS6680410SP	NUT 9/32-28				1
19	22904155	MAIN SHAFT THRUST COLLAR ASM.				1
20	SS8660610TP	SCREW 1/4-40 L=6		*		2
21	CQ303000000	OIL WICK				0.3
22	B1702155000	BUSHING REAR				1
23	SS8150710SP	SCREW 15/64-28 L=7				1
24	B1701481000	FEED DRIVING SHAFT				1
25	40133993	FEED ROCKER SHAFT BUSHING				1
26	B17134810A0	FEED BAR LINK ASM.				1
27	SS8110410TP	SCREW 11/64-40 L=3.5				1
28	B41033520A0	FEED ROCKER SHAFT CRANK ASM.				1
29	SS6621220SP	SCREW 3/16-32 L=12		*		2
30	B1610430000	DIFFERENTIAL FEED ROCKER SHAFT				1
31	CQ303000000	OIL WICK				0.2
32	40133993	FEED ROCKER SHAFT BUSHING				1
33	SS8151150SP	SCREW 15/64-28 L=10.5				1
34	CQ303000000	OIL WICK				0.2
35	22904155	MAIN SHAFT THRUST COLLAR ASM.				1
36	SS8660610TP	SCREW 1/4-40 L=6		*		2
37	B1702155000	BUSHING REAR				1
38	SS8150710SP	SCREW 15/64-28 L=7				1
39	B17031550A0	FEED DRIVING SHAFT CRANK ASM.				1
40	SS6121610SP	SCREW 3/16-28 L=15.5		*		1
41	B1708481000	FEED DRIVING SHAFT CONNECTING				1
42	B171248100B	NEEDLE BEARING	SELECTIVE PARTS			1
43	B16034860A0	FEED ROCKER ASM.				1
44	NS6120310SP	NUT 3/16-28		*		1
45	WP0480856SP	WASHER 4.8X8.4X0.8		*		1
46	SS6121840SP	SCREW 3/16-28 L=18		*		1

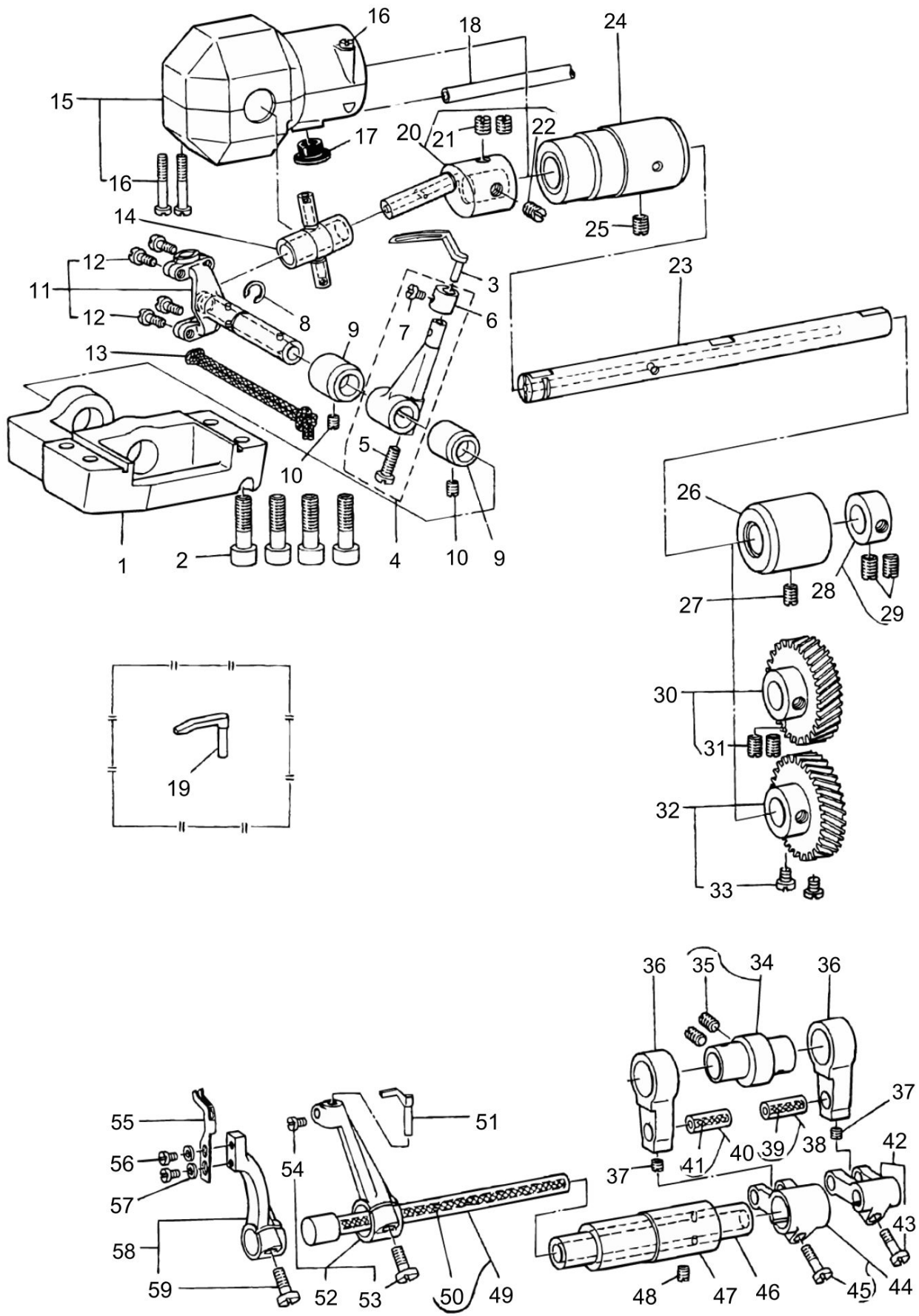
# THREAD SPREADER COMPONENTS



THREAD SPREADER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D2101481CA0	THREAD SPREADER ECCENTRIC ASM.				1
2	SS8150710TP	SCREW 15/64-28 L=7		*		2
3	SS2080810SP	SCREW 1/8-44 L=7.5		*		2
4	B210348100B	BEARING	SELECTIVE PARTS			1
5	B2105481000	LEFT & RIGHT DRIVING ROD A				1
6	B14033520A0	PIN				1
7	CQ202000000	OIL WICK		*		0.1
8	SS8110410TP	SCREW 11/64-40 L=3.5				1
9	B21064810A0	LEFT & RIGHT DRIVING ROD (B) ASM.				1
10	SD0450701TP	HINGE SCREW D=4.5 H=7		*		1
11	B2107481000	LEFT & RIGHT DRIVING ARM.		*		1
12	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
13	B21174810A0	FORE & AFT DRIVING ROD ASM.				1
14	B2110481000A	BUSHING UPPER				1
15	B2109481000A	MOUNTING BASE				1
16	SM6062002TP	SCREW M6 L=20				2
17	B2111481000A	BUSHING LOWER				1
18	SS8150710SP	SCREW 15/64-28 L=7				1
19	B2108481000	LEFT & RIGHT DRIVING SHAFT				1
20	B21124810A0	SLIDE BLOCK BRACKET				1
21	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
22	B1414232000	SQUARE BLOCK				1
23	B1827232000	SLIDE ROLLER STUD				1
24	NS6120310SP	NUT 3/16-28				1
25	WP0501016SD	WASHER 5X10.5X1				1
26	B1715481000	COUNTER-SUNK WASHER				1
27	SS1080510SP	SCREW 1/8-44 L=5				1
28	B2124481000	BUSHING REAR				1
29	SS8150710SP	SCREW 15/64-28 L=7				1
30	B21154810A0	SLIDE BLOCK ASM.				1
31	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
32	B21204810A0	FORE & AFT DRIVING ARM ASM.				1
33	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
34	B21194810A0	PIN				1
35	CQ202000000	OIL WICK		*		0.1
36	NS6120310SP	NUT 3/16-28				1
37	B2122481000	THREAD SPREADER DRIVING SHAFT				1
38	B2123481000	BUSHING FRONT				1
39	SS8150710SP	SCREW 15/64-28 L=7				1
40	B21254810A0	THREAD SPREADER DRIVING ARM ASM.				1
41	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
42	SS7090520TP	SCREW 9/64-40 L= 4.5		*		1
43	B21264810A0	THREAD SPREADER				1

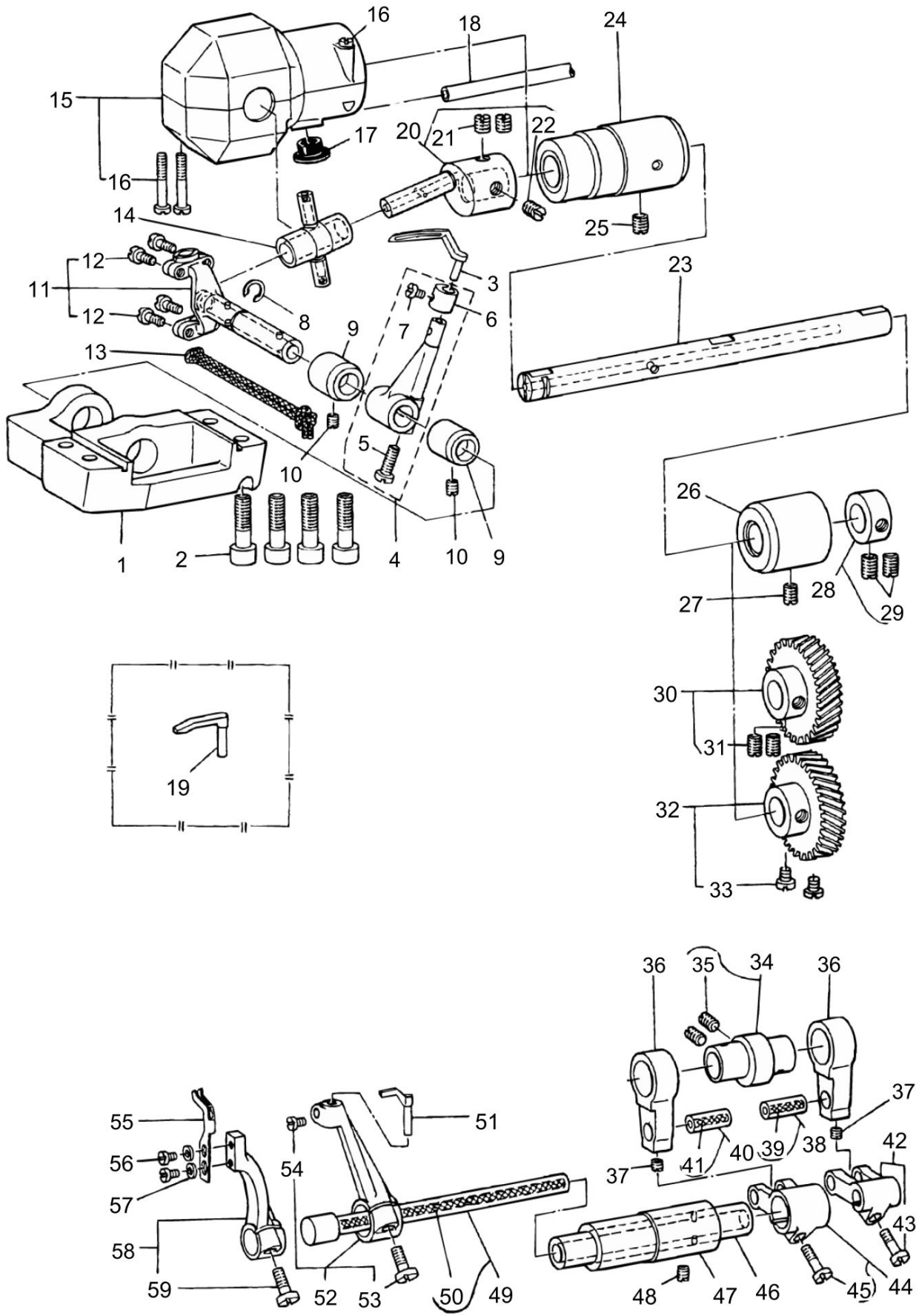
LOOPER & NEEDLE GUARD COMPONENTS



LOOPER & NEEDLE GUARD COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B2013481000A	LOOPER MOUNTING BASE				1
2	SM6062002TP	SCREW M6 L=20				4
3	B2030481000	LOOPER				1
4	B20154810A0	LOOPER ROCKER ASM.				1
5	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
6	B2025481000	COLLAR		*		1
7	SS7090520TP	SCREW 9/64-40 L=4.5		*		1
8	B2032481000	LOOPER DRIVING LINK SET RING				1
9	B2012481000	BUSHING REAR				2
10	SS8110410TP	SCREW 11/64-40 L=3.5				2
11	B20104810A0	LOOPER ROCKER SHAFT ASM.				1
12	SS7090910TP	SCREW 9/64-40 L=8.5		*		4
13	CQ252000000	OIL WICK				0.2
14	B2008481000	TRUNNION				1
15	B20144810A0	LOOPER CRANK COVER ASM.				1
16	SS6092120SP	SCREW 9/64-40 L=21.2		*		3
17	TA1050504R0	RUBBER PLUG				1
18	BT0500300EA	OIL TUBE				0.1
19	B2312481000	NEEDLE GUARD				1
20	B20064810A0	LOOPER CRANK (WITH SCREW)				1
21	SS8660810TP	SCREW 1/4-40 L=8		*		2
22	B2007481000	LOOPER CRANK ADJUSTING SCREW		*		1
23	B2001481000A	LOOPER CRANK DRIVING SHAFT				1
24	B2002481000	BUSHING FRONT				1
25	SS8150710SP	SCREW 15/64-28 L=7				1
26	B1803481000	BUSHING INTERMEDIATE				1
27	SS8150710SP	SCREW 15/64-28 L=7				1
28	CS111121ASH	THRUST COLLAR ASM. D=11.11 W=12				1
29	SS8660810TP	SCREW 1/4-40 L=8		*		2
30	B20044810A0	GEAR UPPER				1
31	SS8660810TP	SCREW 1/4-40 L=8		*		2
32	B20054810AB	GEAR LOWER				1
33	SS6660610TP	SCREW 1/4-40 L=6		*		2
34	B23014810A0	NEEDLE GUARD CAM				1
35	SS8150710TP	SCREW 15/64-28 L=7		*		2
36	B2302481000	NEEDLE GUARD CRANK ROD				2
37	SS8110410TP	SCREW 11/64-40 L= 3.5				2
38	B16104300A0	PIN ASM.				1
39	CQ303000000	OIL WICK		*		0.1
40	B16104300A0	PIN ASM.				1
41	CQ303000000	OIL WICK		*		0.1
42	B23034810A0	LOOPGUIDEROCKERFORKERARMASM.				1
43	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
44	B23044810A0	REAR NEEDLE GUARD ROCKER FORKER ARM ASM.				1
45	SS7111310TP	SCREW 11/64-40 L=12.8		*		1
46	B2306481000	NEEDLE GUARD DRIVING SHAFT				1
47	B2307481000	BUSHING				1

LOOPER & NEEDLE GUARD COMPONENTS

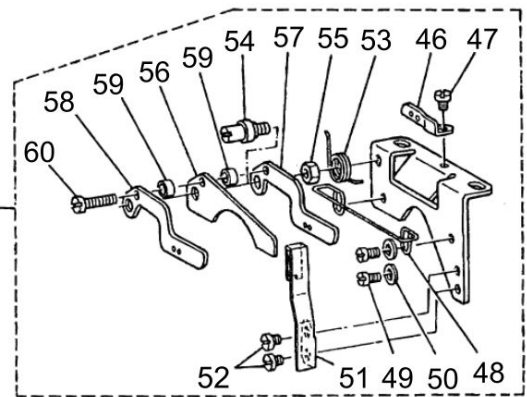
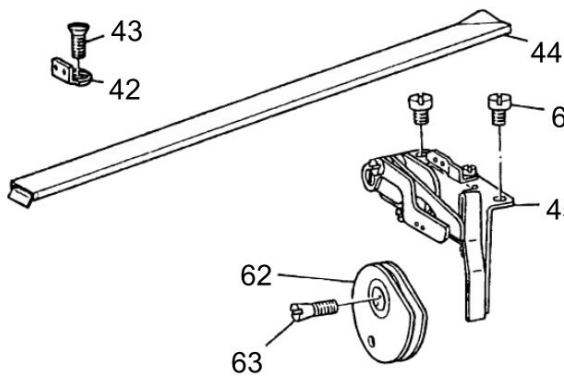
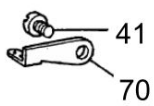
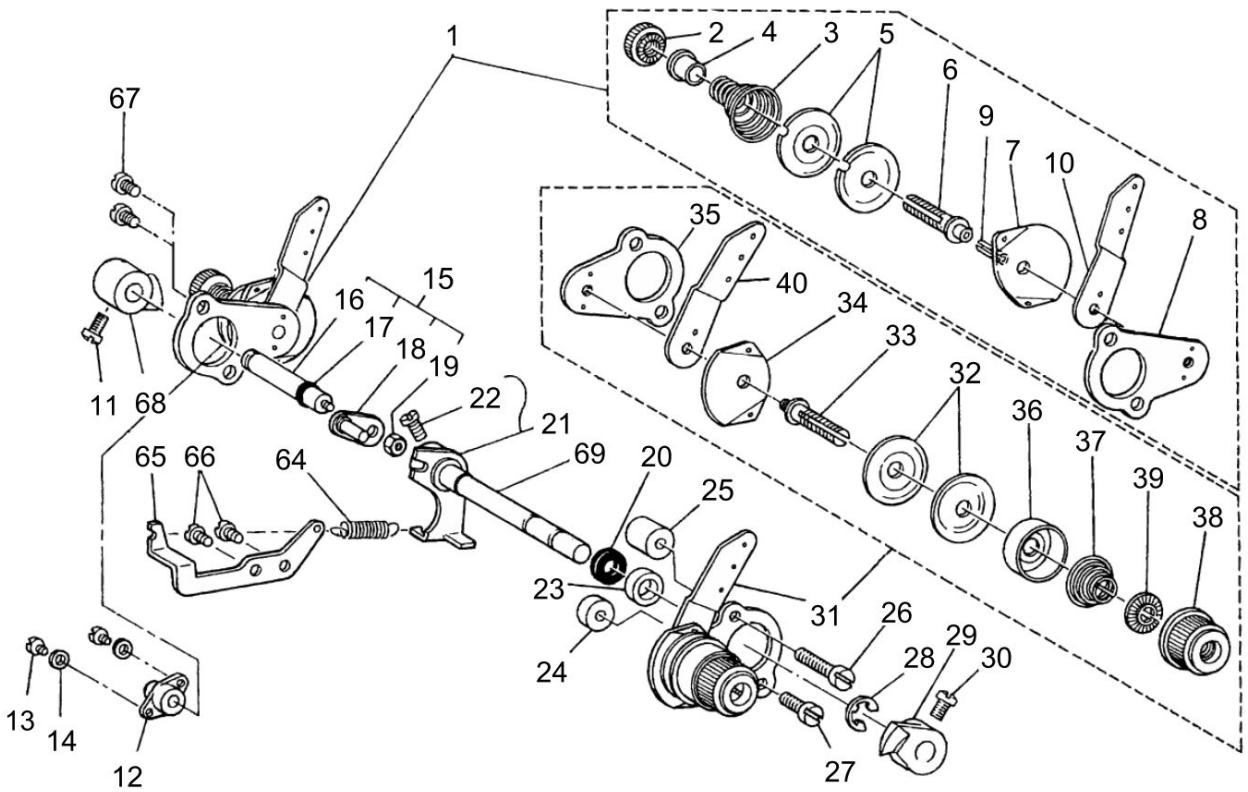


LOOPER & NEEDLE GUARD COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	SS8150710SP	SCREW 15/64-28 L=7				1
49	B23054810A0	LOOP GUIDE DRIVING SHAFT ASM.				1
50	CQ252000000	OIL WICK		*		0.3
51	B2311481000A	NEEDLE GUARD				1
52	B23094810A0	REARNEEDLEGUARDROCKERARMASM.				1
53	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
54	SS7090910TP	SCREW 9/64-40 L=8.5		*		1
55	B2310481000	LOOP GUIDE				1
56	SS7090520TP	SCREW 9/64-40 L=4.5				2
57	WP0371026SD	WASHER 3.7X7X1				2
58	B23084810A0	LOOP GUIDE ROCKER ARM ASM.				1
59	SS6121220TP	SCREW 3/16-28 L=11.5		*		1



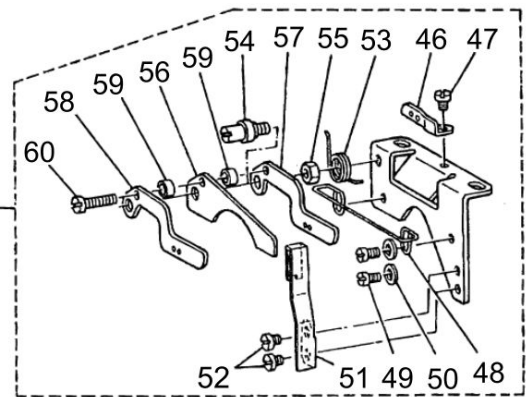
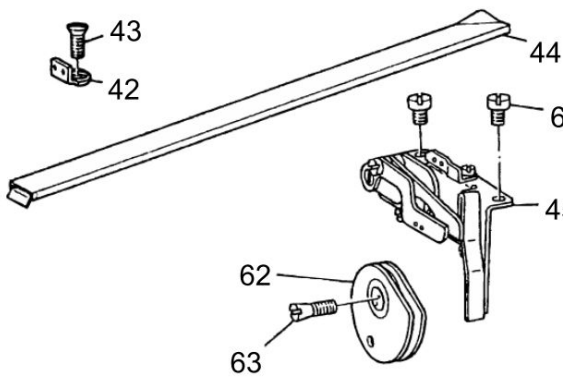
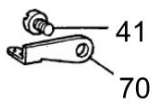
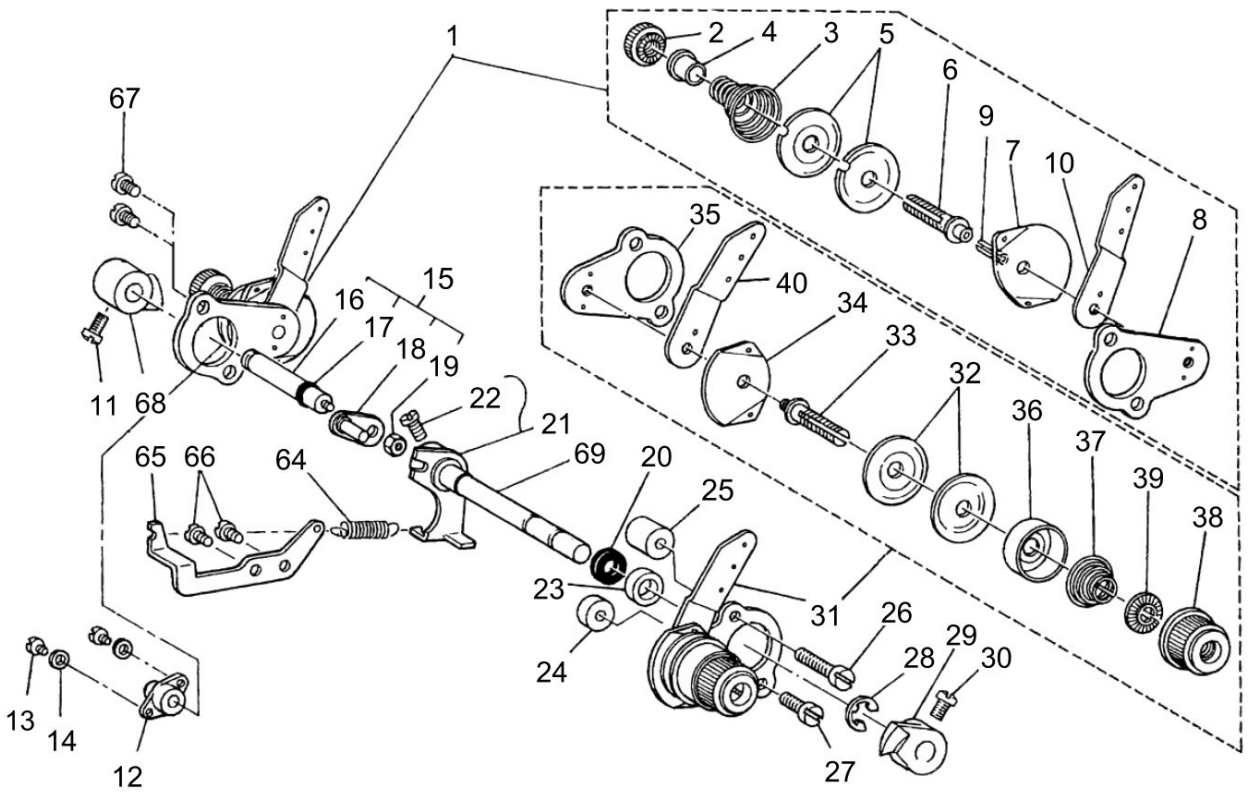
TENSION & LOOPER THREAD TAKE-UP COMPONENTS



TENSION & LOOPER THREAD TAKE-UP COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B31034810A0	LOOPER THREAD TENSION ASM.				1
2	11072204	TENSION NUT		*		1
3	B3106481000	LOOPER THREAD TENSION SPRING		*		1
4	B3120125000	ROTATING STOPPER		*		1
5	B3126352000	TENSION DISC		*		2
6	B3104481000	LOOPER THREAD TENSION POST		*		1
7	B3106380000	THREAD GUIDE		*		1
8	B3101481000	TENSION CONTROLLER INSTALLING		*		1
9	PS0200102KH	SPRING PIN 2.0X10		*		1
10	B3103481000	LOOPER THREAD TENSION CONTROL		*		1
11	SS6110420TP	SCREW 11/64-40 L=4.8				1
12	D3111481CA0	TENSIONRELEASESHAFTCOLLARASM.				1
13	SS6090630SP	SCREW 9/64-40 L=6				2
14	B3534012000	GASKET				2
15	B31354810B0	LOOPER THREAD RELEASE SHAFT ASM.				1
16	B3135481000	LOOPER THREAD RELEASE SHAFT		*		1
17	D3136481CA0	TENSION RELEASE ARM ASM.		*		1
18	NS6110310SP	NUT 11/64-40		*		1
19	RO037180100	RUBBER RING		*		1
20	B1522552000	OIL SEAL RING				1
21	D3130481CA0	TENSION RELEASE ARM ASM.				1
22	SS6110710TP	SCREW 11/64-40 L=6.5		*		1
23	B3115481000	TENSION RELEASE SHAFT SPACER				1
24	B3116481000	SPACER(A) FOR INSTALLING PLATE				1
25	B3117481000	SPACER(B) FOR INSTALLING PLATE				1
26	SS4112515SP	SCREW 11/64-40 L=25				1
27	SS4111415SP	SCREW 11/64-40 L=14				1
28	RE0600000K0	E-RING 6				1
29	B3120481000	NEEDLE THREAD TENSION RELEASE				1
30	SS6110420TP	SCREW 11/64-40 L=4.8				1
31	B31024810A0	NEEDLE THREAD TENSION ASM.				1
32	B3126012000	THREAD TENSION DISK		*		2
33	B3104481000	LOOPER THREAD TENSION POST		*		1
34	B2306019000	TENSION THREAD GUIDE		*		1
35	B3101481000	TENSION CONTROLLER INSTALLING		*		1
36	B3107704000	TENSION DISC PRESSER TUBE		*		1
37	B3129012A00	TENSION SPRING		*		1
38	B3119771000	THREAD TENSION NUT		*		1
39	B3120125000	ROTATING STOPPER		*		1
40	B3102481000	NEEDLE THREAD TENSION GUIDE PLATE		*		1
41	SS7110510SP	SCREW 11/64-40 L=5				1
42	B2201481000A	LOOPER THREAD GUIDE				1
43	SS1110710SP	SCREW 11/64-40 L=7				1
44	B2202481000	LOOPER THREAD GUIDE TUBE				1
45	B22104810A0	LOOPER THREAD GUIDE ASM.				1
46	B2203481000	LOOPER THREAD GUIDE(B)		*		1
47	SS6080320SP	SCREW 1/8-44 L=2.5		*		1

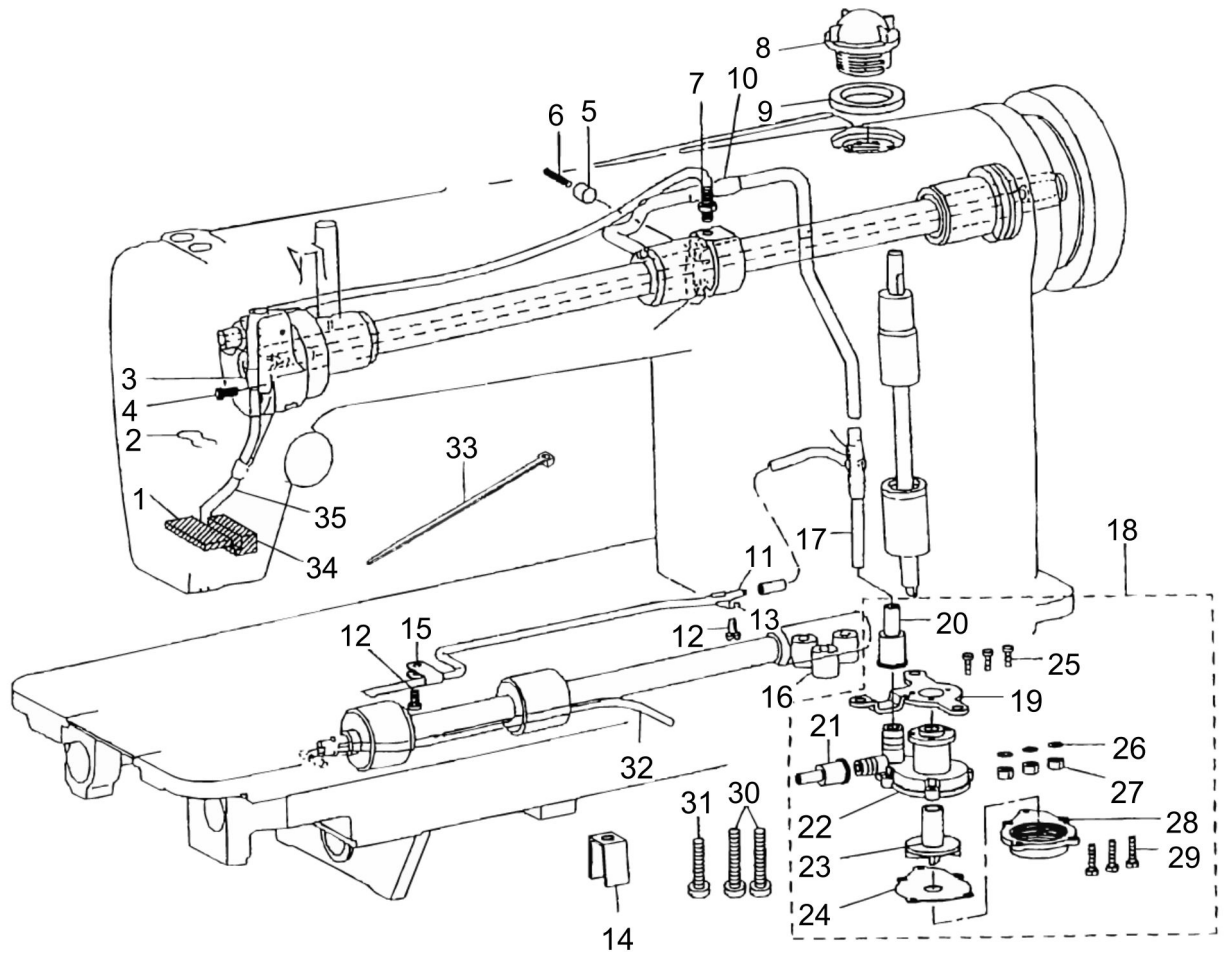
TENSION & LOOPER THREAD TAKE-UP COMPONENTS



TENSION & LOOPER THREAD TAKE-UP COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	B2218481000	CAST-OFF WIRE		*		1
49	SS6080410SP	SCREW 1/8-44 L=4		*		2
50	WP0371026SD	WASHER 3.7X7X1		*		2
51	B2217481000	THREAD GUIDE STOPPER SPRING		*		1
52	SS6080320SP	SCREW 1/8-44 L=2.5		*		2
53	B2216481000	THREAD GUIDE SPRING		*		1
54	B2214481000	THREAD GUIDE STUD		*		1
55	NS6110310SP	NUT 11/64-40		*		1
56	B2213481000	CAST-OFF PLATE		*		1
57	B2212481000	LOOPER THREAD GUIDE RIGHT		*		1
58	D2211481D00	LOOPER THREAD GUIDE LEFT		*		1
59	B2215481000	COLLAR		*		2
60	SS7081310SP	SCREW 1/8-44 L=12.5		*		1
61	SS4110515SP	SCREW 11/64-40 L=5				2
62	B2220481010	LOOPER THREAD CAM ASM.				1
63	B2225481000	SCREW				1
64	D3134481C00	SPRING				1
65	D3133481C00	SUSPENSION BRACKET				1
66	SS4110715SP	SCREW 11/64-40 L=7				2
67	SS4110715SP	SCREW 11/64-40 L=7				2
68	B3121481000	LOOPER THREAD TENSION RELEASE				1
69	D3110481C00	TENSION RELEASE SHAFT				1
70	B3122481000	FRAME THREAD GUIDE				1

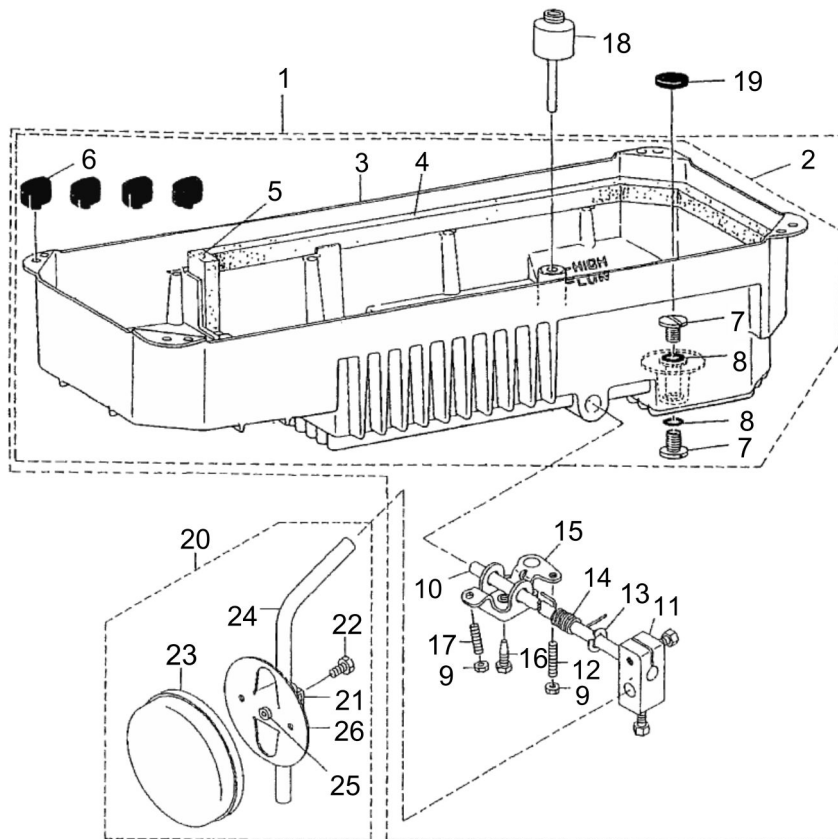
# OIL LUBRICATION MECHANISM COMPONENTS



OIL LUBRICATION MECHANISM COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B3528552000	OIL RETURN FELT				1
2	22925101	OIL FELT PRESSER				1
3	D3536555B00	OIL RETURN TUBE PRESSER PLATE				1
4	SS4110715SP	SCREW 11/64-40 L=7				1
5	B3534155000	PLUNGER				1
6	B1214038000	PLUNGER SPRING				1
7	SQ1110401MZ	CONNECTING SCREW				2
8	B3530555000	OIL SIGHT WINDOW				1
9	RO195240100	RUBBER RING				1
10	B3527415000	RUBBER JOINT				2
11	B3553481000	GEAR OIL PIPE				1
12	SS4110715SP	SCREW 11/64-40 L=7				2
13	B2657771000	GUIDE				1
14	B3545122000	OIL GUARD				1
15	B3554481000	HOLDER				1
16	B3552481000	OIL PUMP INSTALLING COLLAR				3
17	B3513484000	MAIN SHAFT OIL PIPE				1
18	B35015550A0	LUBRICATING OIL PUMP ASM.				1
19	B3503555000	OIL PUMP INSTALLING BASE		*		1
20	B3505555000	RUBBER JOINT		*		1
21	B3506555000	RUBBER JOINT		*		1
22	B3501555000	LUBRICATING OIL PUMP		*		1
23	B3507555000	OIL PUMP IMPELLER		*		1
24	B3508555000	OIL PUMP IMPELLER COVER		*		1
25	SM4031001SC	SCREW M3X0.5 L=10		*		3
26	WT0320002KZ	WASHER		*		3
27	NM60300000E	NUT M3X0.5		*		3
28	B3502555000A	LUBRICATING OIL PUMP COVER		*		1
29	SE4301031SR	SCREW		*		5
30	SS6123010SP	SCREW 3/16-28 L=30.0				2
31	SS6122510SP	SCREW 3/16-28 L=25				1
32	B3521481000A	LUBRICATING OIL PIPE				1
33	EA9500B0100	CABLE BAND				1
34	B3526226000	OIL SPONGE				1
35	BP300000000	VINYL PIPE				0.4

OIL RESERVOIR & KNEE LIFTER COMPONENTS

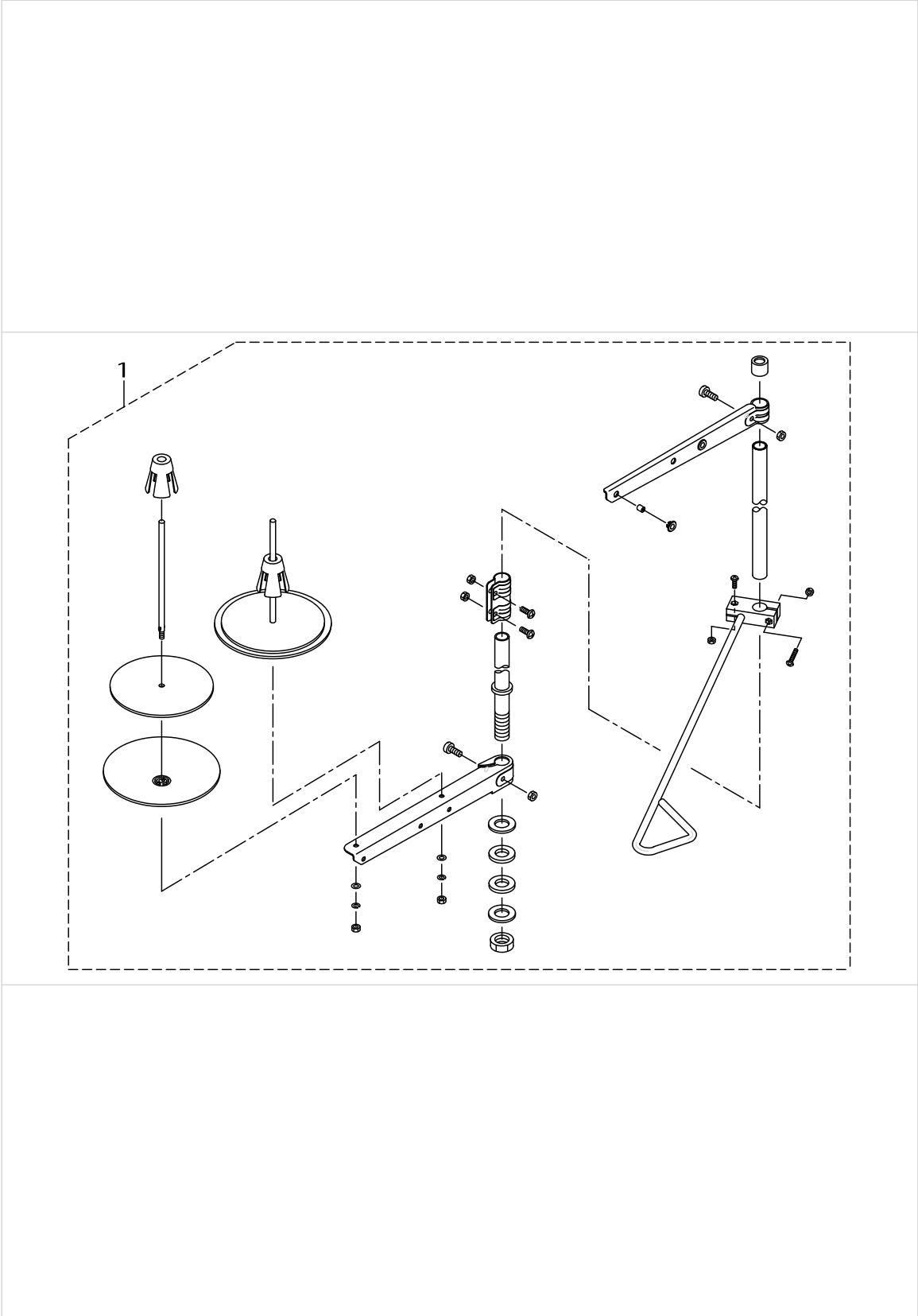


OIL RESERVOIR & KNEE LIFTER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B8217481AD0	OIL RESERVOIR ASM.				1
2	B8217481AC0	OIL RESERVOIR ASM.		*		1
3	B8217481000	OIL RESERVOIR		*		1
4	B8235481000	GASKET A		*		2
5	B8237481000	GASKET C		*		1
6	D8227555E00	FELT CUSHION		*		4
7	SS7701010SP	SCREW 5/16-24 L=10		*		2
8	RO068190100	RUBBER RING		*		2
9	NM6060001SE	NUT M6		*		2
10	B3420555000	KNEE PRESS ROD		*		1
11	22932453	BRACKET ASM.		*		1
12	SM8063012TR	SCREW M6 L=30		*		1
13	B3426552000	THRUST RING		*		1
14	11024106	SPRING		*		1
15	B3425555000A	CONNECTING ROD VERTICAL		*		1
16	SM9061853SR	SCREW M6 L=17.5		*		1
17	SM8063012TR	SCREW M6 L=30		*		1
18	B3421555000	KNEE PRESS LIFTER ROD				1
19	B8228125000	OIL RESERVOIR MAGNET				1
20	22934251	KNEE PAD PLATE ASM.				1
21	22934301	KNEE PAD PLATE SUPPORT		*		1
22	SM9061203SE	SCREW M6 L=12		*		1
23	22934509	KNEE PAD PLATE COVER		*		1
24	22934608	KNEE PAD UPRIGHT SHAFT		*		1
25	22934400	KNEE PAD PLATE RUBBER		*		1
26	22934202	KNEE PAD PLATE		*		1



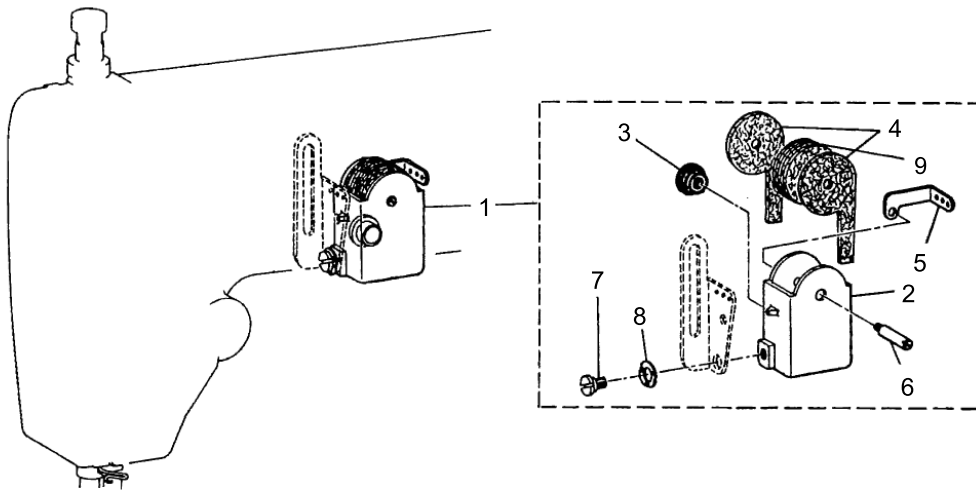
THREAD STAND COMPONENTS



THREAD STAND COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	40111351	THREAD STAND ASM.				1

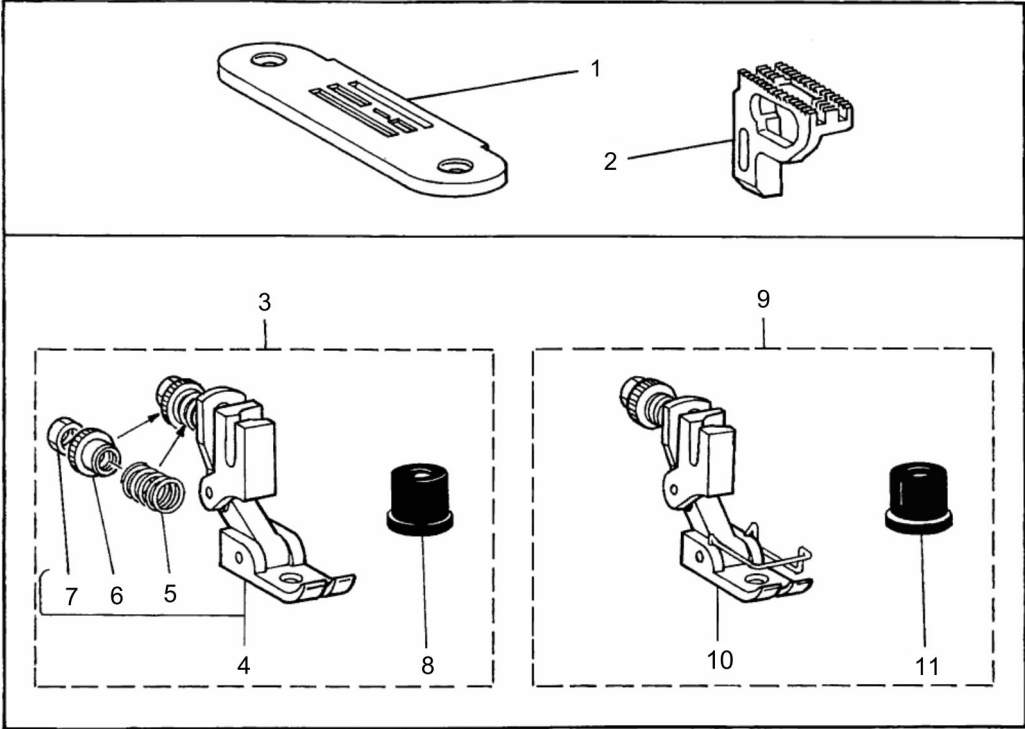
SILICON OIL LUBRICANT COMPONENTS (SPECIAL ORDER PARTS)



SILICON OIL LUBRICANT COMPONENTS (SPECIAL ORDER PARTS)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B11614810B0	SILICONE OIL LUBRICANT ASM.				1
2	B1161481000A	SILICON OIL CASE		*		1
3	TA1050504R0	RUBBER PLUG		*		1
4	B1166481000	SILICON OIL FELT		*		2
5	B1167481000	SILICON THREAD GUIDE		*		1
6	B1168481000	SCREW		*		1
7	SD0640231SP	HINGE SCREW D=6.35 H=2.3		*		1
8	WZ0641510KP	WAVED WASHER 6.4X11X0.3		*		1
9	B1162481000	SILICON OIL FELT		*		5

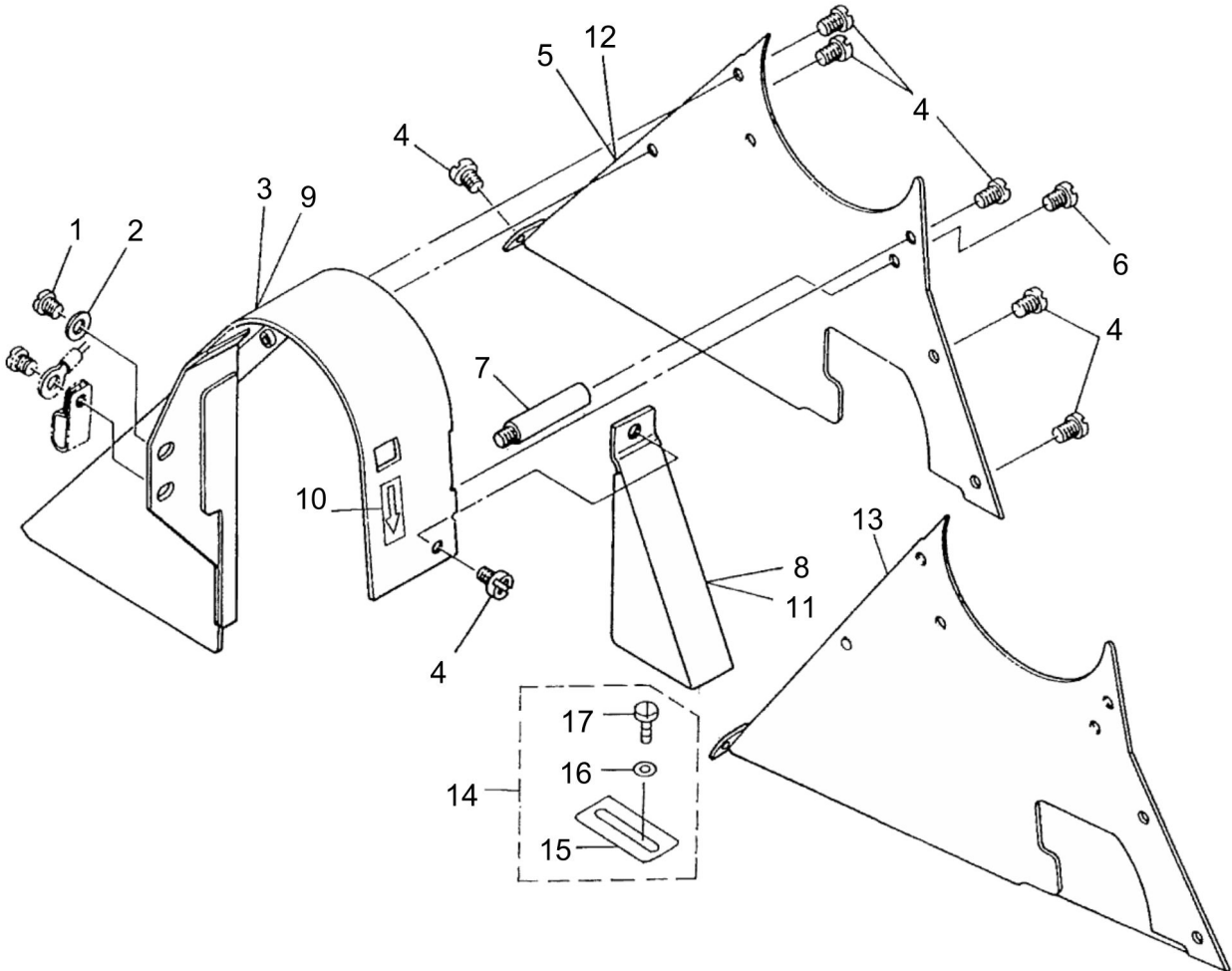
EXCHANGING PARTS COMPONENTS (SPECIAL ORDER PARTS)



EXCHANGING PARTS COMPONENTS (SPECIAL ORDER PARTS)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B1103481B00	THROAT PLATE (LIGHT WEIGHT)				1
2	B1613481A00	FEED DOG (1-NEEDLE)				1
3	B1524481CB0	SLIDING PRESSER FOOT ASM				1
4	B1524481CA0	SLIDING TYPE PRESSER FOOT ASM.		*		1
5	B1322050000	SPRING		*		1
6	B1533481C00	ADJUSTING SCREW		*		1
7	NS6110310SP	NUT 11/64-40		*		1
8	B1534481C00	PRESSER BAR CAP		*		1
9	B1524481CD0	SLIDING TYPE PRESSER FOOT ASM.				1
10	B1524481CC0	SLIDING TYPE PRESSER FOOT ASM.		*		1
11	B1534481C00	PRESSER BAR CAP		*		1

BELT COVER COMPONENTS



BELT COVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	SS4150915SP	SCREW 15/64-28 L=9				1
2	WP0621016SD	WASHER 6.2X13X1				1
3	D8230555E00	BELT COVER				1
4	SS4110515SP	SCREW 11/64-40 L=5				7
5	D8231555E00	BELT COVER TOP				1
6	SS4110815SP	SCREW 11/64-40 L=8				1
7	D8232555B00	BELT COVER SUPPORT				1
8	D8232555E00	THREAD WINDER COVER				1
9	B82303800A0	BELT COVER	FOR URBAN WHITE			1
10	CM500300001	DIRECTION LABEL	FOR URBAN WHITE			1
11	D8232555E0A	BOBBIN WINDER COVER	FOR URBAN WHITE			1
12	D8231555E0B	BELT COVER TOP	FOR URBAN WHITE			1
13	B8231380000	BELT COVER TOP	FOR JE & USE IN JAPAN			1
14	10163152	BELT COVER SUPPORT PLATE ASM.	FOR JE			1
15	10163103	BELT COVER SUPPORT PLATE		*		1
16	WP0501016SC	WASHER 5X10.5X1		*		1
17	SK3482500SC	WOOD SCREW D=4.8 L=25		*		1





## HOW TO MAKE USE OF THIS PARTS LIST

### 1.Explanation of codes

1)"\*"mark.....means this part is changed from the previous parts book.

As to the details of the change, refer to the "List for information of change".

2)"#01".....refer to "Note" explanation at bottom of page.

### 2.Codes on the "Qty" column

- Each numeral indicates the number of parts required.
- "0.1" and "2.5" indicate the length (in meters) of the respective parts.

3.Parentheses mean that the corresponding part is a subpart that constructs an assembly part.

4.Dotted lines on the Figures indicate assembly parts.

### 1."注記"欄の記号説明

1) "\*"印.....前回のパーツブックに比較して今回変更された部品を意味します。

変更内容は、"変更情報リスト"を参照してください。

2) "#01".....ページ下の"注記"の説明を参照してください。

2.数量欄の数字は、個数を表し、0.1、2.5等の数値は、長さ（単位メートル）を表します。

3.数量欄の（ ）は、組部品を構成している子部品であることを意味します。

4.イラストページの-----枠は、組構成であることを意味します。

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10178705	8	9	B1106122000	2	22	B13084810B0	8	44
11004207	10	49	B1106380000	4	64	B13084810C0	8	39
11024106	30	14	B11064810A0A	2	47	B1322050000	36	5
11072204	24	2	B1107380000	4	61	B1401481000	6	2
22814909	10	54	B1107481000	4	52	B1403155000	6	6
22901409	6	19	B1108481000	4	48	B14033520A0	18	6
22901805	4	71	B1109481000	4	50	B1408481000	6	34
22904155	16	35	B1110481000A	2	41	B14114810A0	6	8
22906101	6	18	B1111038000	2	45	B1414232000	18	22
22907000	8	5	B1111481000	2	42	B1414555000	6	10
22907109	8	6	B1112481000A	2	43	B1418552A00	6	5
22907406	8	12	B1115380000	4	59	B1419155000	6	4
22907505	8	27	B1118481000	2	13	B1509555000	8	13
22907604	8	35	B111848100A	2	40	B1511555000	8	14
22907703	8	11	B1119481000	2	14	B1515552000	8	15
22907802	8	7	B112155200A	2	39	B1516552000	8	18
22908909	8	8	B1122552000	2	2	B1517552000	8	19
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22912109	2	25	B1131481000	2	8	B15185550A0	8	23
22925101	28	2	B1132481000	2	9	B1520552000A	8	28
22932453	30	11	B1134481000	2	19	B1521555000	8	29
22934202	30	26	B1135481000	2	20	B1522552000	24	20
22934251	30	20	B1161481000A	34	2	B1523226000	8	21
22934301	30	21	B11614810B0	34	1	B15244810B0	8	1
22934400	30	25	B1162481000	34	9	B1524481CA0	36	4
22934509	30	23	B1166481000	34	4	B1524481CB0	36	3
22934608	30	24	B1167481000	34	5	B1524481CC0	36	10
40082080	14	63	B1168481000	34	6	B1524481CD0	36	9
40082081	14	64	B1201481000A	6	22	B1528481000	8	4
40111351	32	1	B1202481000	6	37	B1533481C00	36	6
40114236	2	1	B1203481B00	6	39	B1534481C00	36	11
40114880	12	8	B12064810A0	6	28	B1601555000	16	14
40114881	14	50	B12064810B0	6	29	B1602481000A	16	4
40114882	12	33	B1213552000A	6	23	B16034860A0	16	43
40114884	12	16	B1214038000	28	6	B1604486000	16	5
40120458	12	19	B1215552000	6	26	B1606481000	12	43
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B1662481000	14	61	B2105481000	18	5	B3101481000	24	35
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B1702155000	16	37	B2107481000	18	11	B31024810A0	24	31
B17031550A0	16	39	B2108481000	18	19	B3103481000	24	10
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B1803481000	10	57	B21204810A0	18	32	B3117481000	24	25
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B1813481000	10	61	B2123481000	18	38	B3120125000	24	39
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B19024810A0B	6	11	B21264810A0	18	43	B3122481000	26	70
B1903481000	2	28	B2201481000A	24	42	B3126012000	24	32
B1903552000	6	36	B2202481000	24	44	B3126352000	24	5
B1904481000	2	26	B2203481000	24	46	B3129012A00	24	37
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B3416552000	8	31	CS111121ASH	10	55	RE0600000K0	24	28
B3420555000	30	10	CS111121ASH	20	28	RO029180100	6	24
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B3426552000	30	13	D1204555D00	6	43	RO044240100	6	33
B3431581000	8	20	D1204555DA0	6	42	RO068190100	30	8
B3501555000	28	22	D1208555D00	6	25	RO069180100	14	56
B35015550A0	28	18	D1230555B00	6	44	RO074240100	12	4
B3502555000A	28	28	D1231555B00	6	45	RO195240100	28	9
B3503555000	28	19	D1232555B00	6	46	SD0450701TP	18	10
B3505555000	28	20	D1910481C00	6	16	SD0500401SP	12	47
B3506555000	28	21	D2101481CA0	18	1	SD0600322SD	8	36
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