

MODEL : MH-481-4 SERIES/MH-481-5 SERIES

List No : 0259-07

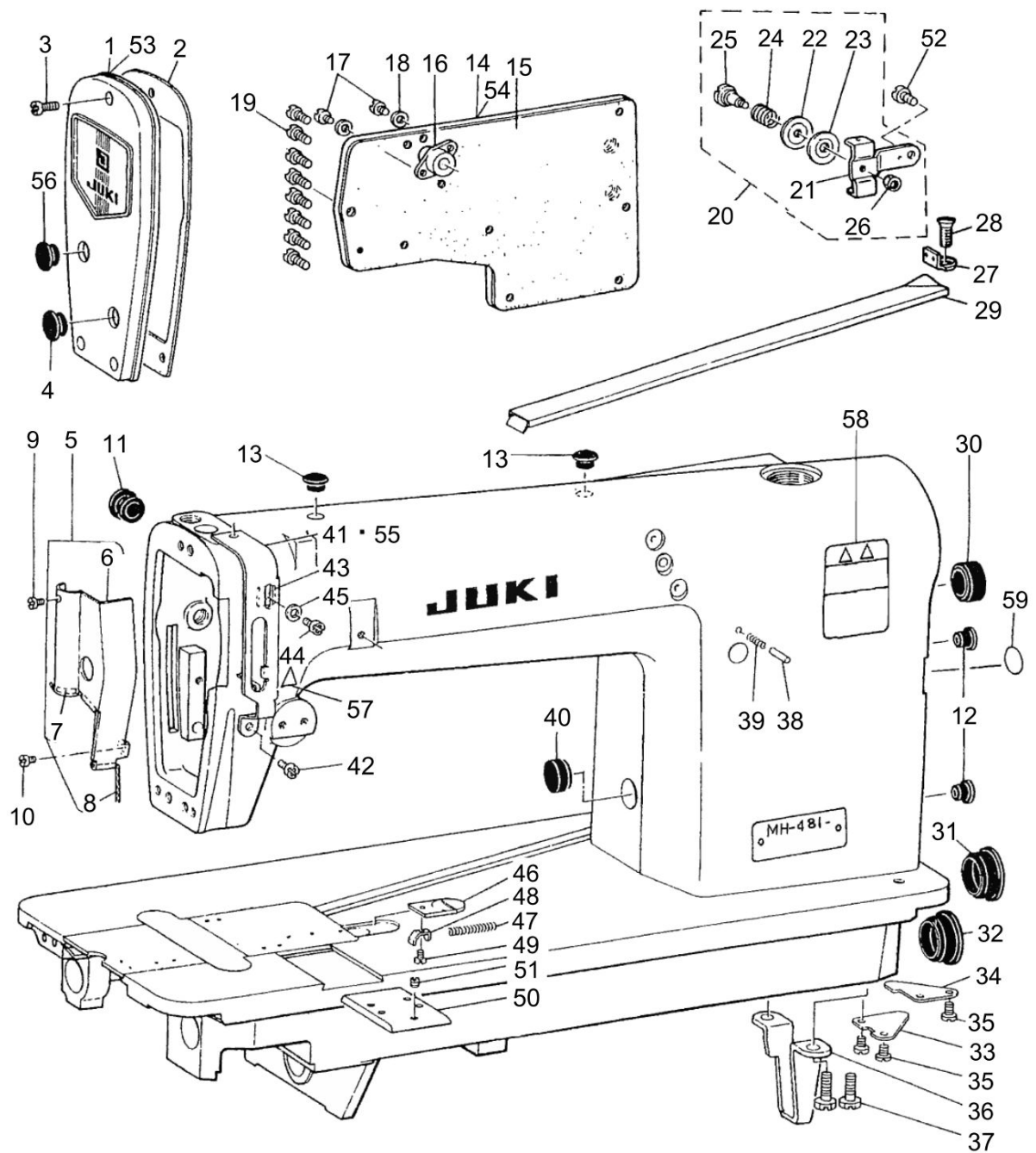
PARTS LIST

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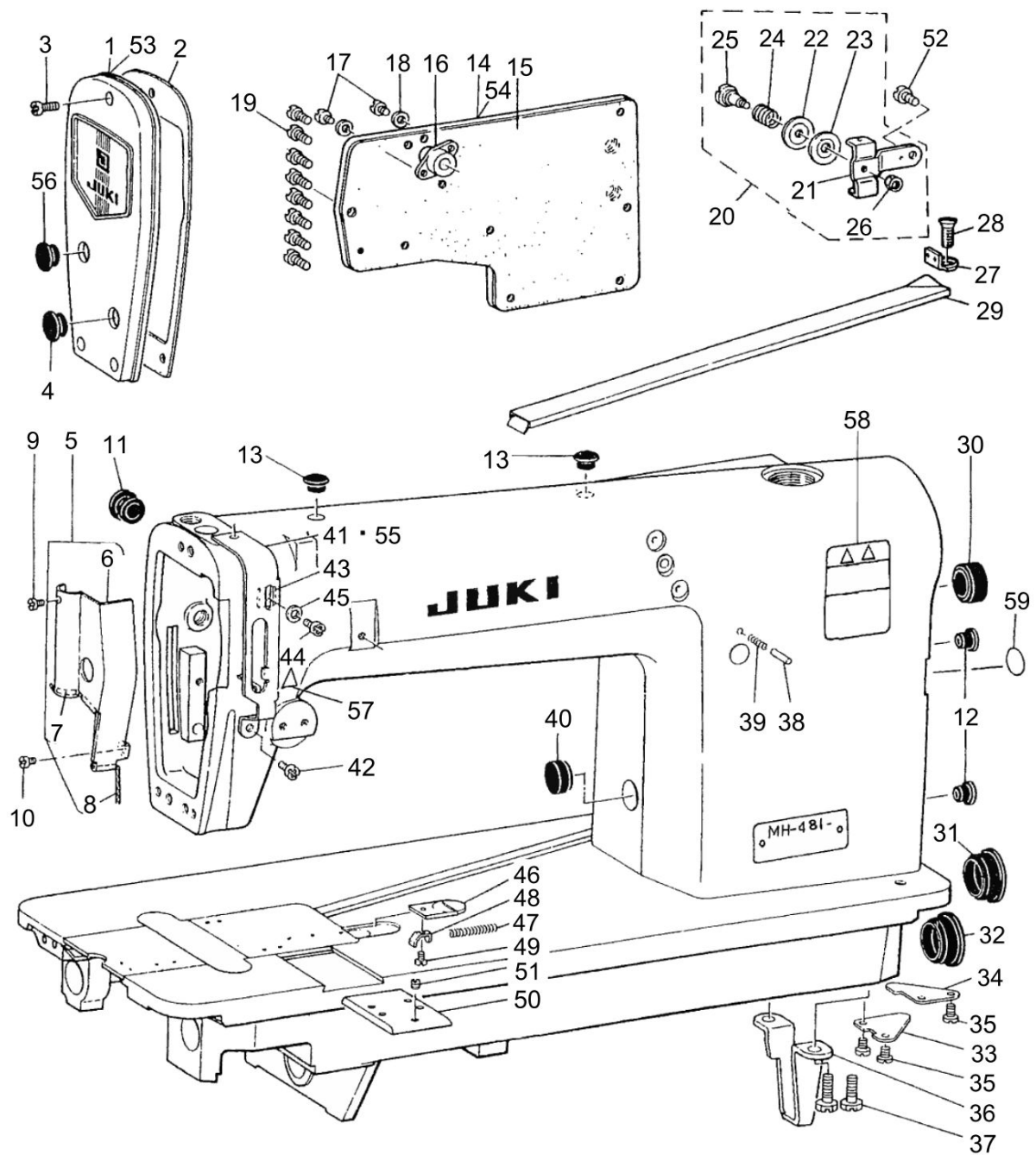
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1)



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1)

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				1
4	TA1250406R0	RUBBER PLUG D=12.5 L=4				1
5	B11304810A0	ARM OIL SHIELD ASM.				1
6	B1130481000A	ARM OIL SHIELD		*		1
7	B1131481000	NON-WOVEN FABRIC		*		1
8	B1132481000	OIL WICK		*		1
9	SS6080320SP	SCREW 1/8-44 L=2.5				1
10	SS4110515SP	SCREW 11/64-40 L=5				1
11	TA1250705R0	RUBBER PLUG				1
12	TA0750704R0	RUBBER PLUG				2
13	TA1050504R0	RUBBER PLUG				2
14	D1118481C00	SIDE PLATE				1
15	B1119481000	GASKET				1
16	D3111481CA0	TENSIONRELEASESHAFTCOLLARASM.				1
17	SS6090630SP	SCREW 9/64-40 L=6				2
18	B3534012000	GASKET				2
19	SS4110815SP	SCREW 11/64-40 L=8				8
20	D1913481CA0	THREAD GUIDE ASM.				1
21	D1913481C00	THREAD GUIDE		*		1
22	B3148123000	TENSION DISC		*		1
23	D1917481C00	TENSION DISC (LOWER)		*		1
24	D1914481C00A	TENSION THREAD GUIDE SPRING		*		1
25	B1916481000	TAKE-UP THREAD TENSION POST		*		1
26	NS6060310SP	NUT 3/32-56		*		1
27	B2201481000A	LOOPER THREAD GUIDE				1
28	SS1110710SP	SCREW 11/64-40 L=7				1
29	B2202481000	LOOPER THREAD GUIDE TUBE				1
30	TA2101002R0	RUBBER PLUG				1
31	TA2351305R0	RUBBER PLUG				1
32	TA2351004R0	RUBBER PLUG				1
33	B1134481000	BED OIL SHIELD				1
34	B1135481000	BED OIL SHIELD (B)				1
35	SS7110510SP	SCREW 11/64-40 L=5				3
36	B1106122000	BED SUPPORT PLATE				1
37	SS9151120CP	SCREW 15/64-28 L=11				2
38	22912000	PIN				1
39	22912109	FEED REGULATOR PIN SPRING				1
40	TA1750502R0	RUBBER PLUG D=17.5 L=5				1
41	B1904481000	THREAD TAKE-UP LEVER GUARD				1
42	SS4110515SP	SCREW 11/64-40 L=5				1
43	B1903481000	TAKE-UP THREAD TENSION LEVER				1
44	SS4110515SP	SCREW 11/64-40 L=5				1
45	WP0480856SP	WASHER 4.8X8.4X0.8				1
46	B1110481000A	CAM COVER LATCH				1
47	B1111481000	SPRING				1

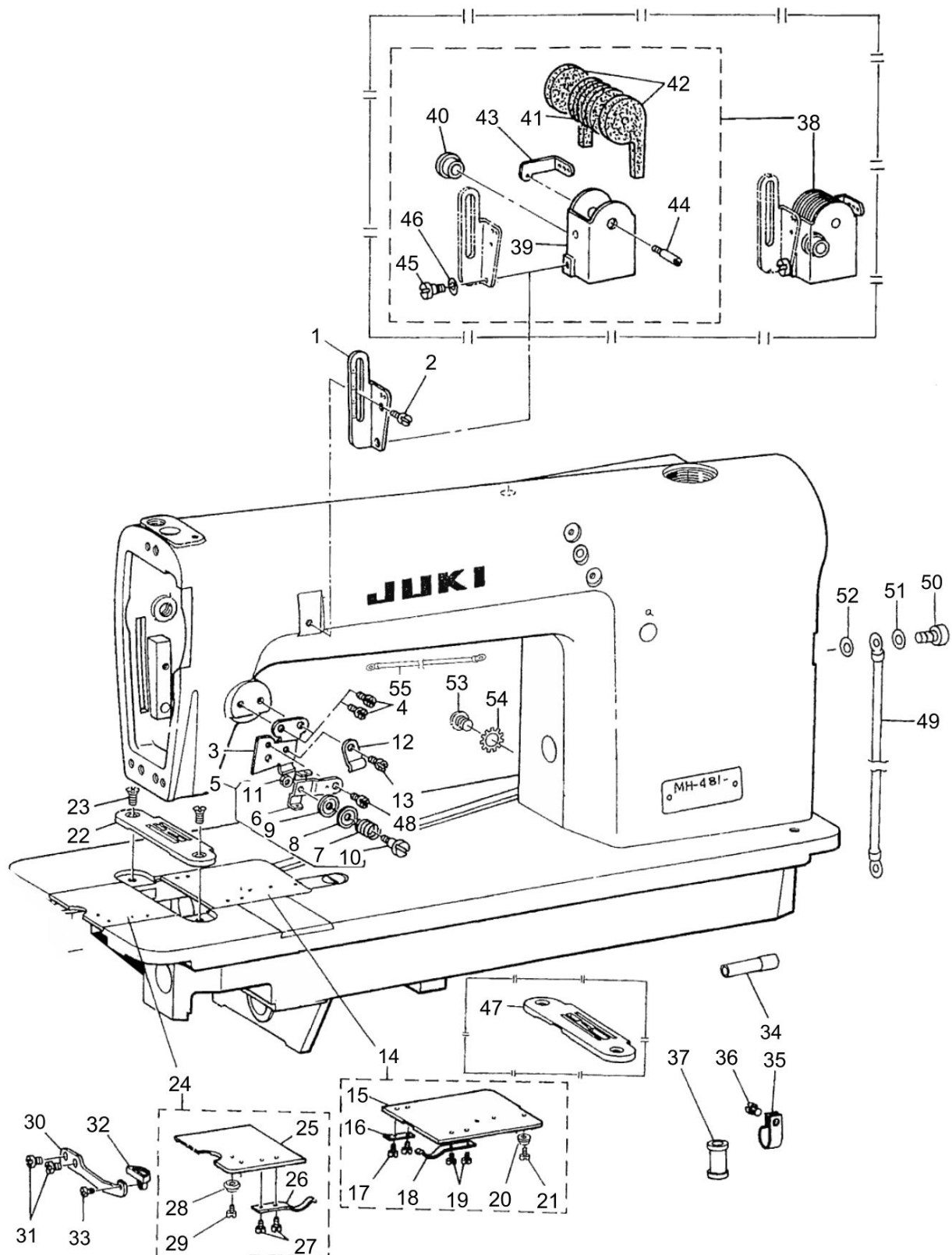
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1)



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (1)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	B1112481000A	SPRING SUSPENSION				1
49	SS6080320SP	SCREW 1/8-44 L=2.5				1
50	B1111038000	ATTACHMENT CLAMP BED SLIDE PLATE				1
51	SS8110310SP	SCREW 11/64-40 L=2.8				1
52	SS4110515SP	SCREW 11/64-40 L=5				1
53	B112155200A	FACE PLATE	FOR URBAN WHITE			1
54	D1118481C0A	SIDE PLATE	FOR URBAN WHITE			1
55	B190448100A	THREAD TAKE-UP LEVER COVER	FOR URBAN WHITE			1
56	TA2050406R0	RUBBER PLUG				1
57	CM300200001	ATTENTION SEAL	FOR JE, USE IN JAPAN			1
58	CM301200001	SAFETY LABEL_S				1
59	22901805	GROUND MARK				1

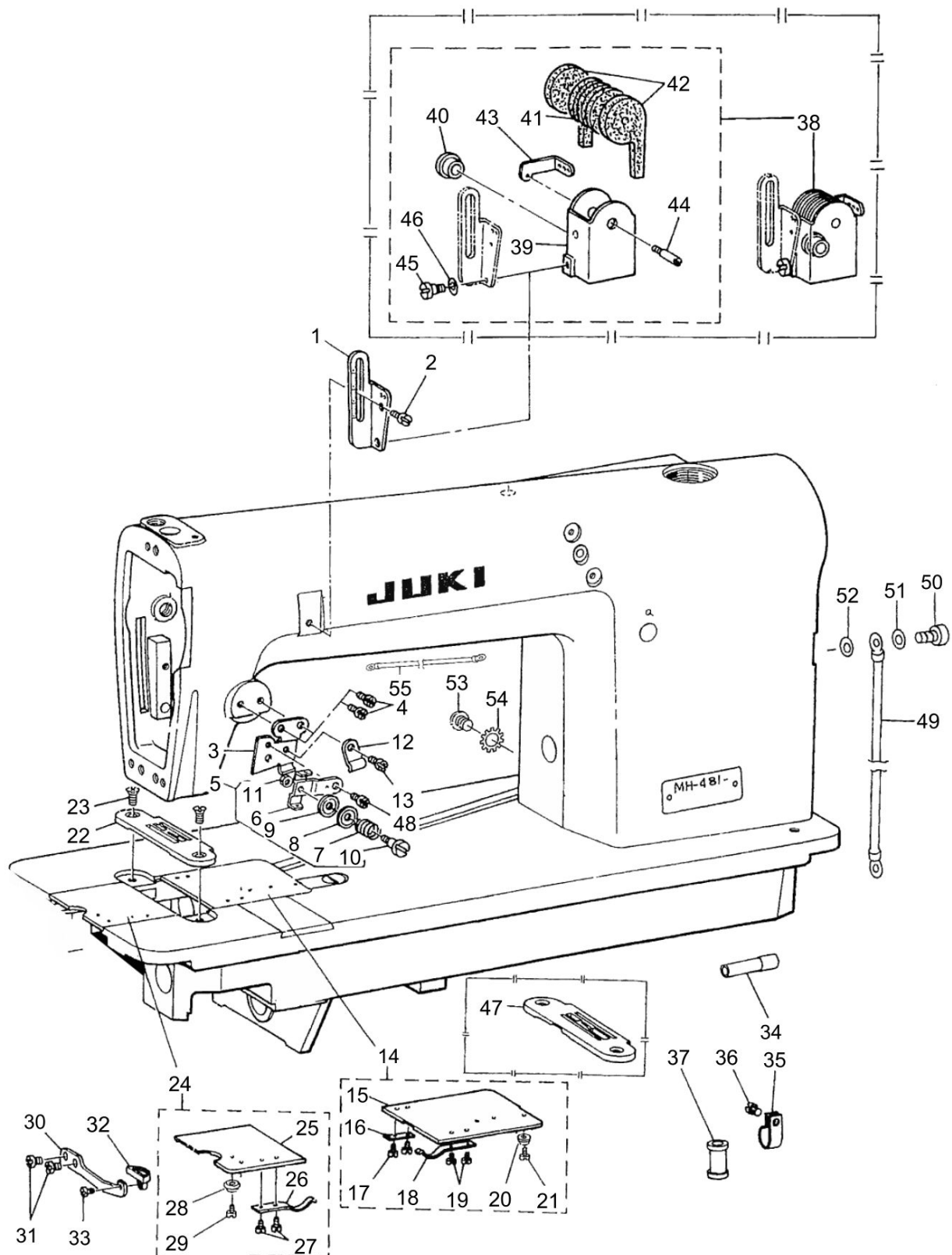
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2)



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B1905380000	FRAME THREAD EYELET				1
2	SS4110515SP	SCREW 11/64-40 L=5				1
3	D1912481C00A	TENSION THREAD GUIDE				1
4	SS4110515SP	SCREW 11/64-40 L=5				2
5	D1913481CA0	THREAD GUIDE ASM.				1
6	D1913481C00	THREAD GUIDE		*		1
7	D1914481C00A	TENSION THREAD GUIDE SPRING		*		1
8	B3148123000	TENSION DISC		*		1
9	D1917481C00	TENSION DISC (LOWER)		*		1
10	B1916481000	TAKE-UP THREAD TENSION POST		*		1
11	NS6060310SP	NUT 3/32-56		*		1
12	D3916481C00	TUBE HOLDER				1
13	SS4110515SP	SCREW 11/64-40 L=5				1
14	B11064810A0A	CAM COVER ASM.				1
15	B1106481000A	CAM COVER		*		1
16	B1108481000	CAM COVER SUPPORT		*		1
17	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
18	B1109481000	SPRING		*		1
19	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
20	B1107481000	CAM COVER GUIDE		*		1
21	SS6060340SP	SCREW 3/32-56 L=2.5		*		1
22	B1103481F00	THROAT PLATE				1
23	SS2110920TP	SCREW 11/64-40 L=8.5				2
24	D1104481CA0	BED SLIDE ASM.				1
25	D1104481C00	BED SLIDE		*		1
26	B1115380000	SPRING		*		1
27	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
28	B1107380000	BED SLIDE GUIDE		*		1
29	SS6060340SP	SCREW 3/32-56 L=2.5		*		1
30	B1105380000	BED SLIDE STOPPER				1
31	SS4110515SP	SCREW 11/64-40 L=5				2
32	B1106380000	LATCH				1
33	SS4080415SP	SCREW 1/8-44 L=4				1
34	D2469555B00	TUBE FOR MAGNET CORD				1
35	D2112555B00	CORD HOLDER LARGE				1
36	SS7150940SP	SCREW 15/64-28 L=9				1
37	D2467555B00	RUBBER PLUG				1
38	B11614810B0	SILICONE OIL LUBRICANT ASM.	SPECIAL ORDER PARTS			1
39	B1161481000A	SILICON OIL CASE	SPECIAL ORDER PARTS	*		1
40	TA1050504R0	RUBBER PLUG	SPECIAL ORDER PARTS	*		1
41	B1162481000	SILICON OIL FELT	SPECIAL ORDER PARTS	*		5
42	B1166481000	SILICON OIL FELT	SPECIAL ORDER PARTS	*		2
43	B1167481000	SILICON THREAD GUIDE	SPECIAL ORDER PARTS	*		1
44	B1168481000	SCREW	SPECIAL ORDER PARTS	*		1
45	SD0640231SP	HINGE SCREW D=6.35 H=2.3	SPECIAL ORDER PARTS	*		1
46	WZ0641510KP	WAVED WASHER 6.4X11X0.3	SPECIAL ORDER PARTS	*		1
47	B1103481B00	THROAT PLATE (LIGHT WEIGHT)	SPECIAL ORDER PARTS			1

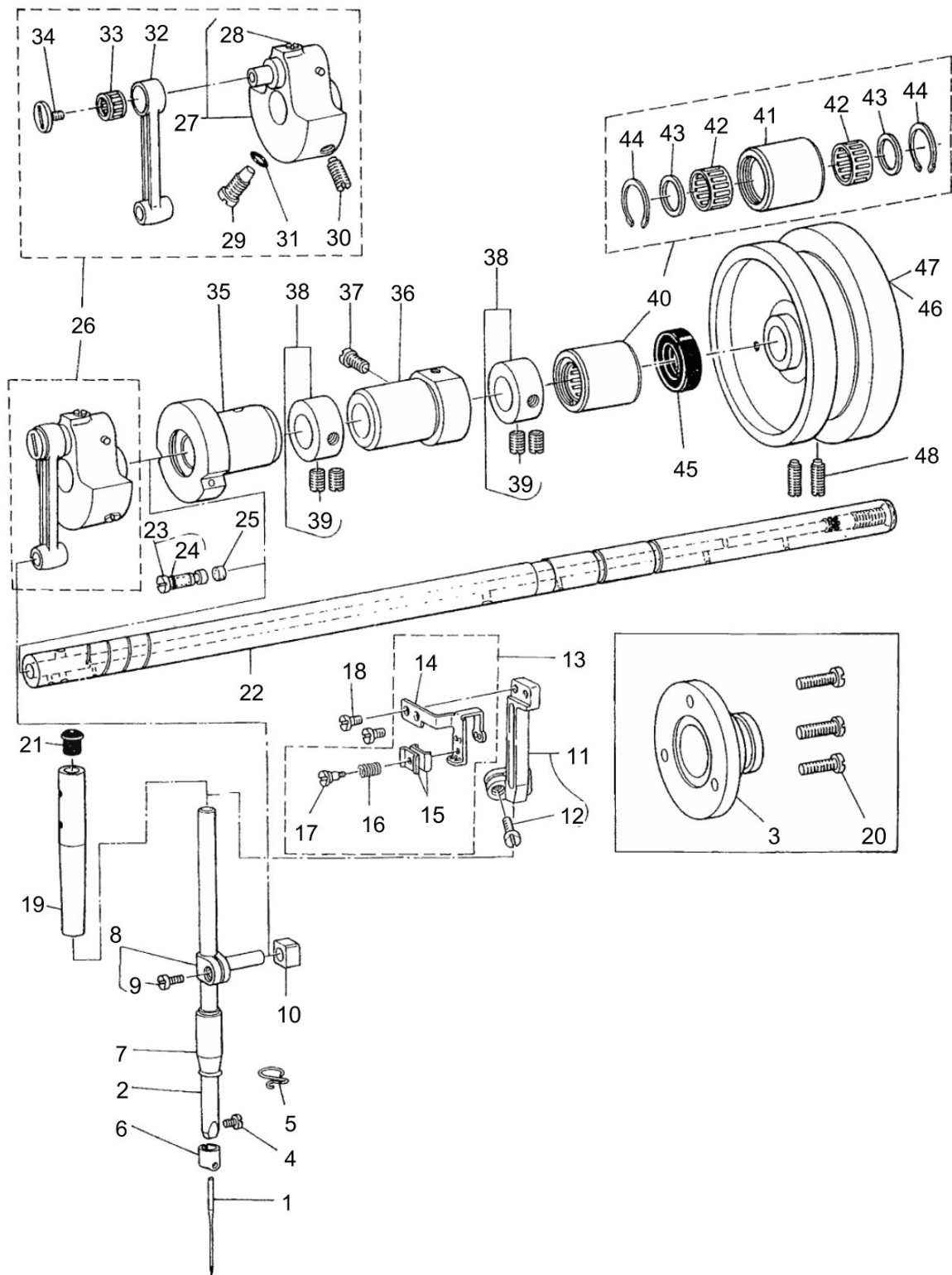
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2)



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS (2)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	SS4110515SP	SCREW 11/64-40 L=5				1
49	D9101481CA0	GLAND WIRE ASM.	FOR MH-481-4			1
50	SS7150740SP	SCREW 15/64-28 L=7	FOR MH-481-4			1
51	WP0621026SP	WASHER 6.2X9.5X1	FOR MH-481-4			1
52	WT0640002KN	TOOTHED WASHER	FOR MH-481-4			1
53	SS4110615SP	SCREW 11/64-40 L=6	FOR MH-481-5			1
54	WT0530002KS	TOOTHED WASHER D=5.3	FOR MH-481-5			1
55	22951552	GROUND WIRE ASM.	FOR MH-481-5			1

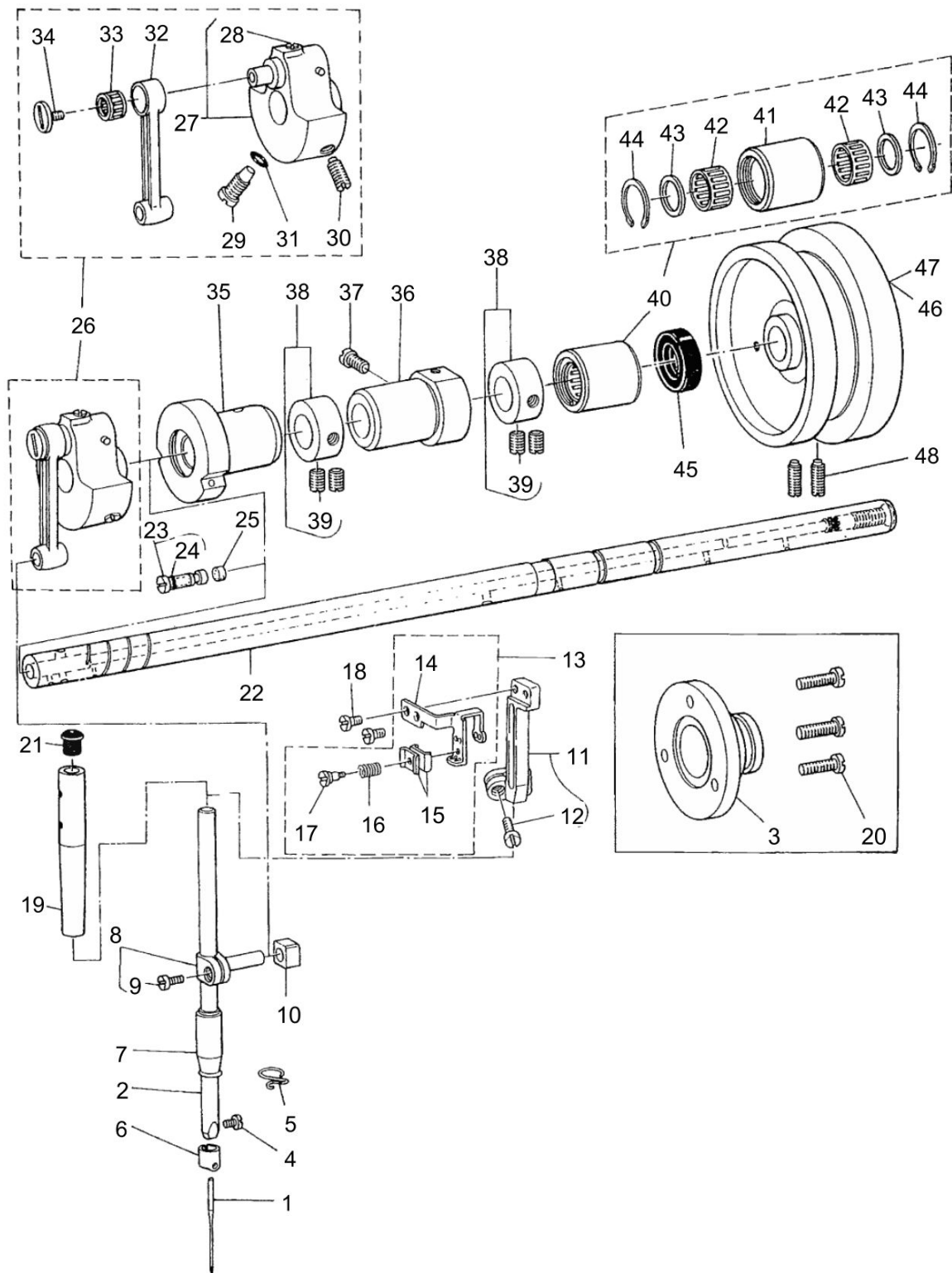
MAIN SHAFT & NEEDLE BAR COMPONENTS



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	D1230552B00	FLANGE				1
4	SS7080510TP	SCREW 1/8-44 L=4.5				1
5	B1419155000	NEEDLE BAR THREAD GUIDE				1
6	B1418552A00	NEEDLE THREAD GUIDE A				1
7	B1403155000	NEEDLE BAR BUSHING LOWER				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	D1901481CC0	THREAD TAKE-UP LEVER ASM.				1
14	B1901481000A	THREAD TAKE-UP		*		1
15	B1908481000A	THREAD TENSION REGULATING PLATE		*		2
16	D1910481C00	TENSION SPRING		*		1
17	B1909481000A	THREAD TENSION REGULATING STUD		*		1
18	SS6090670TP	SCREW 9/64-40 L=6				2
19	22906101	NEEDLE BAR BUSHING UPPER				1
20	SS7111410TP	SCREW 11/64-40 L=14				3
21	22901409	NEEDLE BAR UPPER BUSH CAP				1
22	B1201481000A	MAIN SHAFT				1
23	B12135520A0A	OIL AMOUNT ADJUSTING PIN ASM.				1
24	RO029180100	RUBBER RING		*		1
25	B1226552000	ROLLER FELT				1
26	B12064810A0	COUNTERWEIGHT ASM.				1
27	B12064810B0	COUNTERWEIGHT ASM.		*		1
28	SS8150710TP	SCREW 15/64-28 L=7		*		1
29	SS7681650TP	SCREW 9/32-28 L=16		*		1
30	SS8681650TP	SCREW 9/32-28 L=16		*		1
31	RO044240100	RUBBER RING		*		1
32	B1408481000	NEEDLE BAR CRANK ROD		*		1
33	B1905541B00	NEEDLE BEARING		*		1
34	B1903552000	LEFT SCREW		*		1
35	B1202481000	BUSHING FRONT				1
36	B1203481B00	BUSHING INTERMEDIATE				1
37	SS7151120SP	SCREW 15/64-28 L=11				1
38	CS147121ESH	THRUST COLLAR ASM.D=14.72 W=12				2
39	SS8660810TP	SCREW 1/4-40 L=8		*		4
40	D1204555DA0	MAIN SHAFT BUSHING REAR ASM.				1
41	D1204555D00	MAIN SHAFT BUSHING REAR		*		1
42	D1230555B00	NEEDLE BEARING		*		2
43	D1231555B00	WASHER		*		2
44	D1232555B00	SNAP RING		*		2
45	D1208555D00	OIL SEAL				1
46	D1217486D00	HAND WHEEL	FOR MH-481-4-3			1
47	D1217486D0A	HAND WHEEL	FOR URBAN WHITE			1

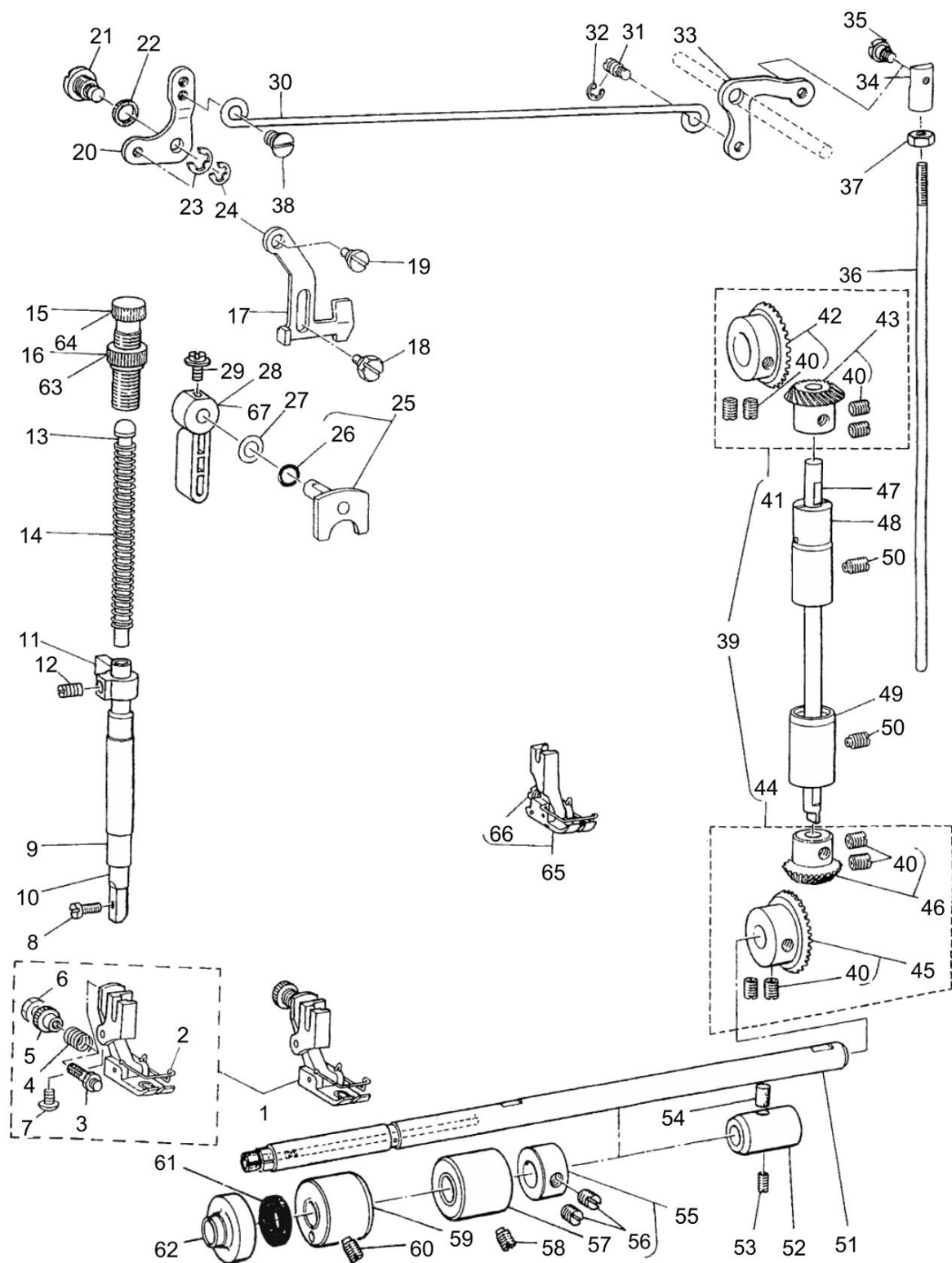
MAIN SHAFT & NEEDLE BAR COMPONENTS



MAIN SHAFT & NEEDLE BAR COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	SS8151550SP	SCREW 15/64-28 L=15				2

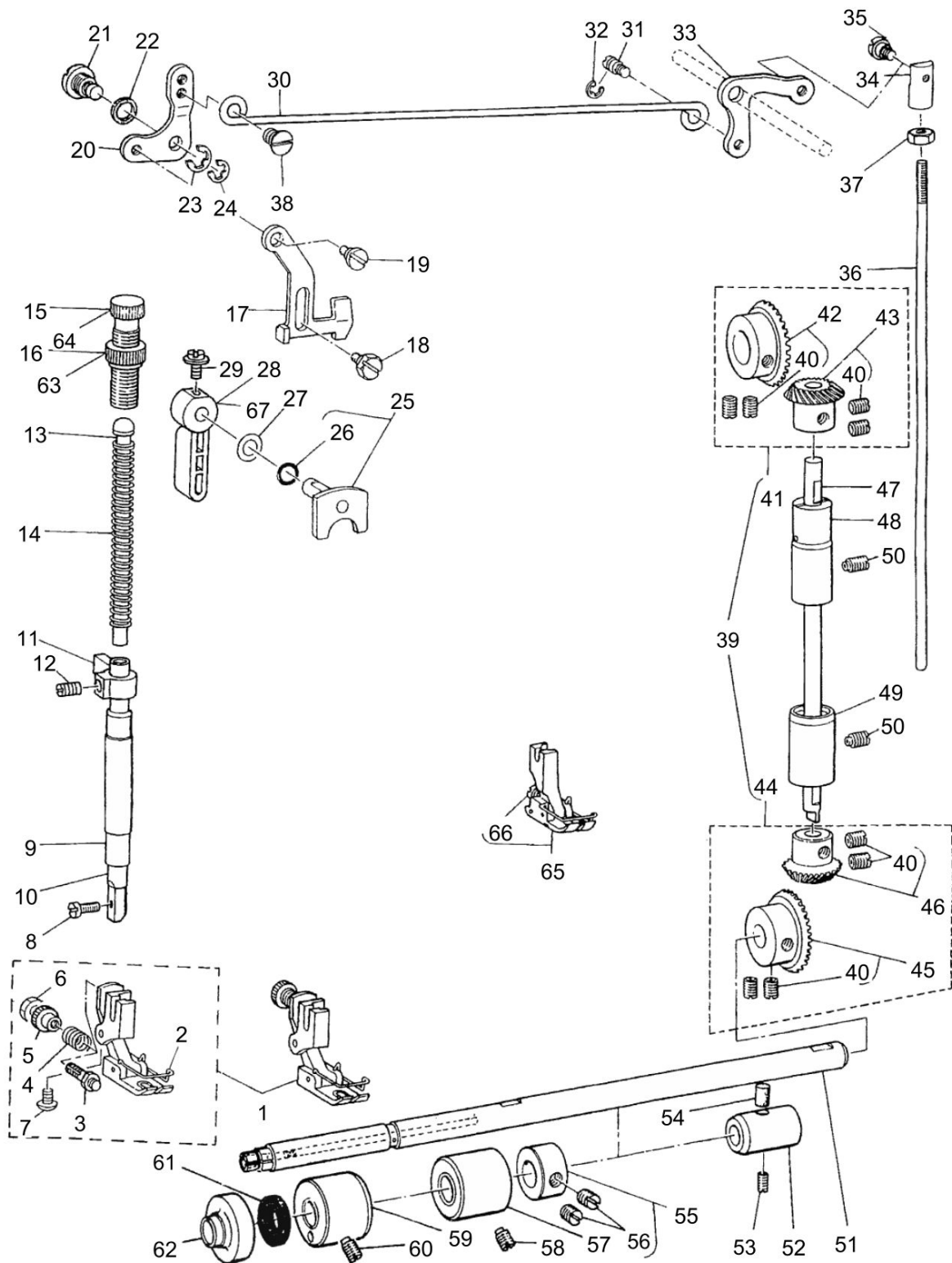
PRESSER BAR, UPRIGHT SHAFT & LOWER SHAFT COMPONENTS



PRESSER BAR, UPRIGHT SHAFT & LOWER SHAFT COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B1524481CC0	SLIDING TYPE PRESSER FOOT ASM.				1
2	B1421481000	FINGER GUARD		*		1
3	B1532481C00	ADJUSTING SPRING STUD		*		1
4	B1536481C00	AIR BLOW ADJUSTING PLATE SPRING		*		1
5	B1533481C00	ADJUSTING SCREW		*		1
6	NS6110310SP	NUT 11/64-40		*		1
7	SS6060410TP	SCREW 3/32-56 L=3.5		*		1
8	SS7091110TP	SCREW 9/64-40 L=10.5				1
9	22907109	PRESSER BAR BUSHING LOWER				1
10	22907000	PRESSER BAR				1
11	10178705	PRESSER BAR GUIDE BRACKET				1
12	SS8660610TP	SCREW 1/4-40 L=6				1
13	22907703	PRESSER GUIDE BAR				1
14	22907406	PRESSER SPRING				1
15	B1509555000	PRESSER SPRING REGULATOR				1
16	B1511555000	NUT				1
17	B1515552000	LIFTING LEVER				1
18	SD0630275SP	HINGE SCREW D=6.35 H=2.7				1
19	SD0630301SP	HINGE SCREW D=6.35 H=3				1
20	B1516552000	LIFTING LEVER LINK				1
21	D1517555B00A	HINGE PIN				1
22	B3431581000	LIFTING LEVER GASKET				1
23	B1523226000	SNAP RING				1
24	RE0600000K0	E-RING 6				1
25	B15185550A0	HAND LIFTER CAM ASM.				1
26	RO037180100	RUBBER RING		*		1
27	WP0740516SP	WASHER 7.4X11.8X0.5				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	SD0600322SD	HINGE SCREW D=6 H=3.2				1
36	B3415481000	CONNECTING ROD VERTICAL				1
37	NS6620310SP	NUT 3/16-32				1
38	22908909	HINGE SCREW				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	UPRIGHT SHAFT				1

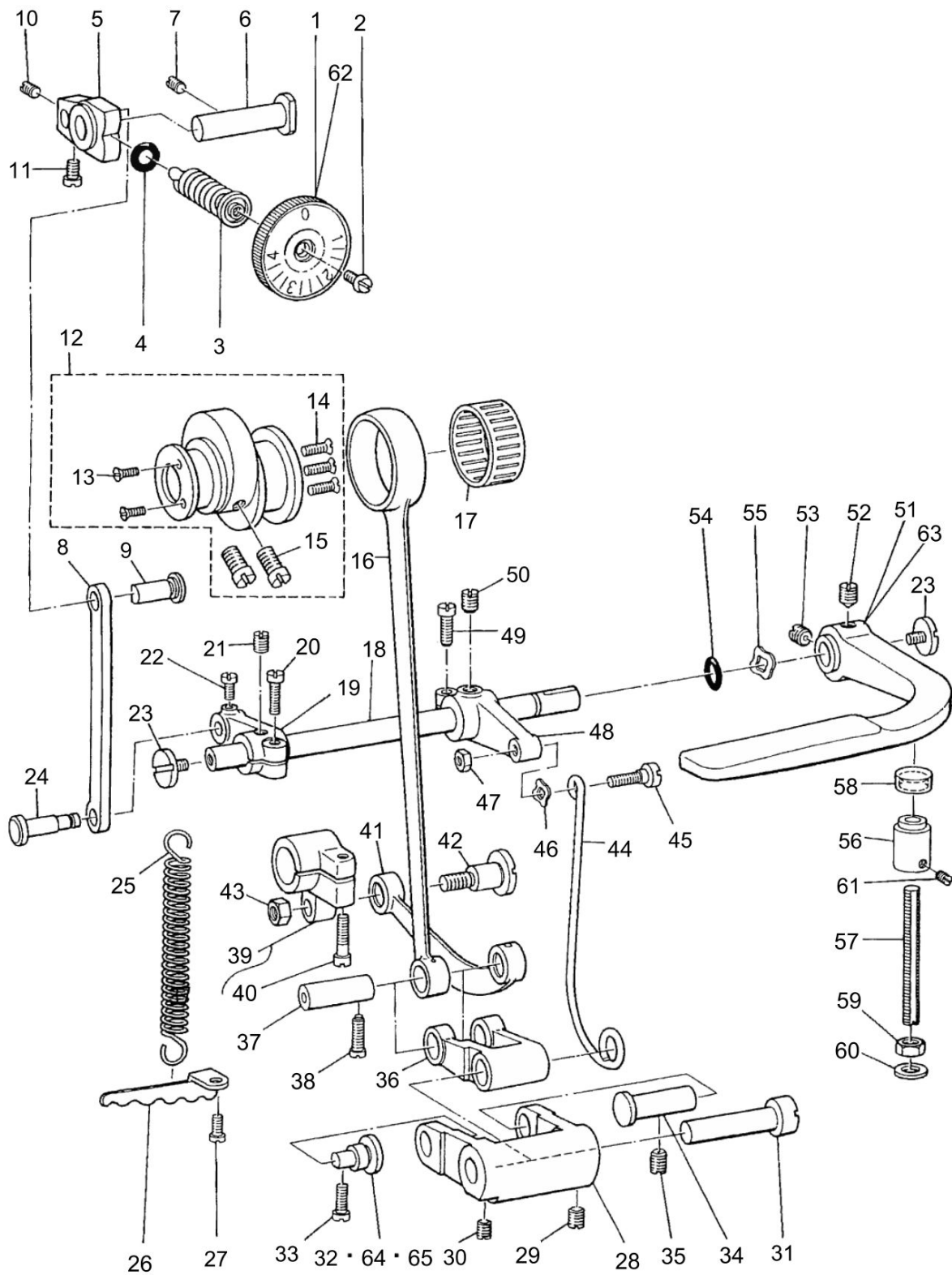
PRESSER BAR, UPRIGHT SHAFT & LOWER SHAFT COMPONENTS



PRESSER BAR, UPRIGHT SHAFT & 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
63	22907604	PRESSER SPRING REGULATOR NUT	FOR URBAN WHITE			1
64	22907505	PRESSER SPRING REGULATOR	FOR URBAN WHITE			1
65	B15244810B0	PRESSER FOOT ASM.				1
66	SS5060310SP	SCREW 3/32-56 L=2.8		*		1
67	22907802	HAND LIFTER	FOR URBAN WHITE			1

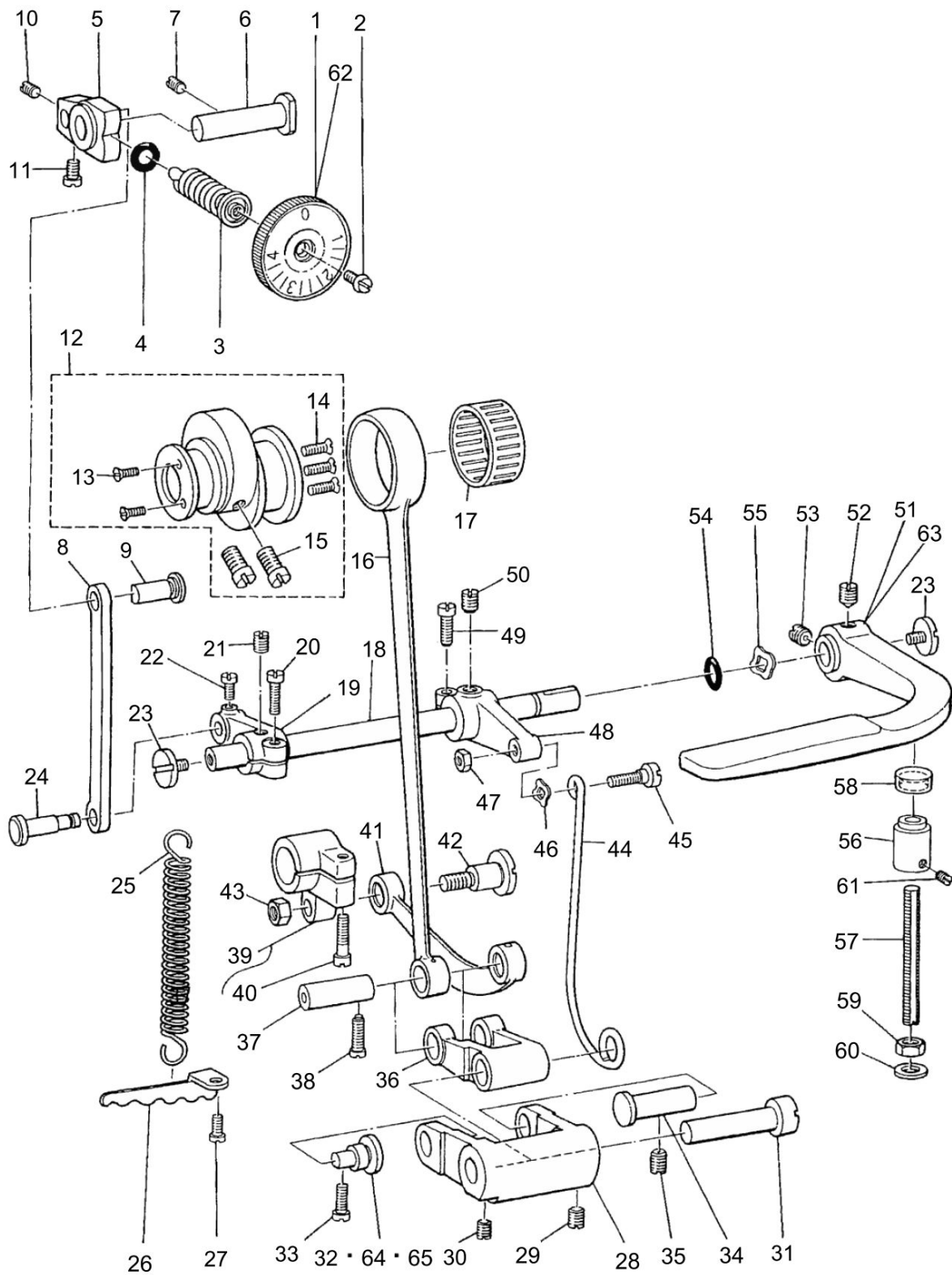
FEED MECHANISM COMPONENTS (1)



FEED MECHANISM COMPONENTS (1)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B1623555000A	FEED REGULATOR DIAL	SELECTIVE PARTS			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	SS8151150SP	SCREW 15/64-28 L=10.5				1
8	40114880	FEED REGULATOR CONNECTING ROD				1
9	B1626555000	FEED REGULATOR CONNECTING ROD				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=8.7		*		3
15	SS6661110SP	SCREW 1/4-40 L=11		*		2
16	40114884	FEEDROCKERSHAFTCONNECTINGROD				1
17	22914006	BEARING B				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	40136257	FEED DRIVING ROCKER				1
29	SS8150710SP	SCREW 15/64-28 L=7				1
30	SS8620610SP	SCREW 3/16-32 L=6				1
31	40114882	FEED DRIVING ROCKER HINGE PIN				1
32	B1619555000	FEED DRIVING ROCKER HINGE PIN				1
33	SS7111120SP	SCREW 11/64-40 L=10.5				1
34	B1618161000	FEED DRIVING ROCKER ARM HINGE				1
35	SS8150710SP	SCREW 15/64-28 L=7				1
36	40136256	FEED DRIVING ROCKER ARM				1
37	B1633555000	ROCKER ARM CONNECTING PIN				1
38	SS7111260SP	SCREW 11/64-40 L=12				1
39	B1608481000	FEED ROCKER SHAFT CRANK ASM.				1
40	SS6121610TP	SCREW 3/16-28 L=15.5		*		1
41	B1606481000	CONNECTING ROD				1
42	SD1020701SP	HINGE SCREW D=10.2 H=7				1
43	NS6680320SP	NUT 9/32-28				1
44	B1630555000	ROCKER ARM CONNECTING ROD				1
45	SD0500401SP	HINGE SCREW D=5 H=4				1
46	WZ0541510KP	WAVED WASHER 5.4X9.0X0.3				1
47	NS6120310SP	NUT 3/16-28				1

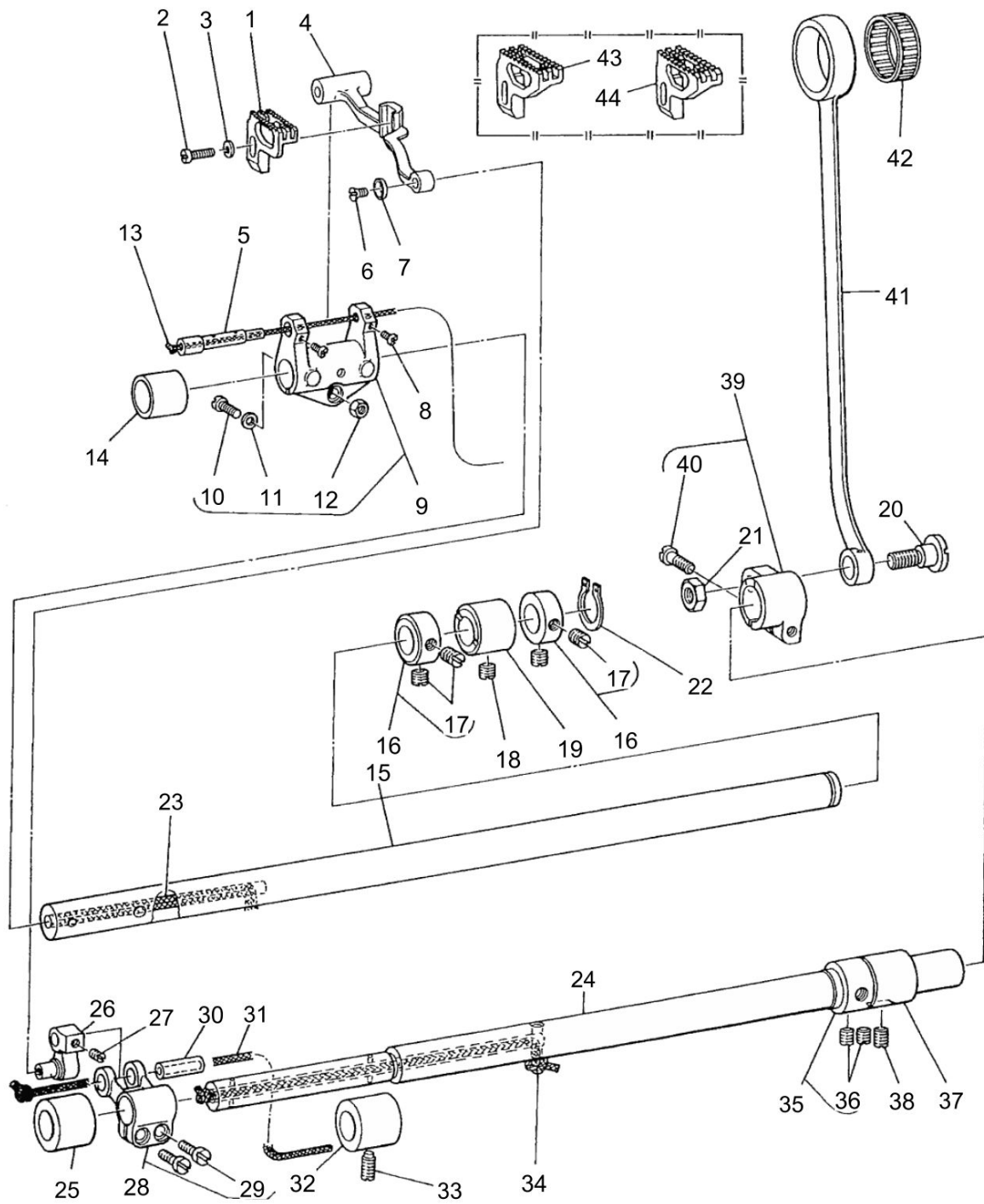
FEED MECHANISM COMPONENTS (1)



FEED MECHANISM COMPONENTS (1)

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	40114881	CONTROL LEVER CRANK REAR				1
49	SS6121210SP	SCREW 3/16-28 L=12				1
50	SS8150710SP	SCREW 15/64-28 L=7				1
51	B1624555000	REVERSE FEED CONTROL LEVER				1
52	SS8661040TP	SCREW 1/4-40 L=10				1
53	SS8660810TP	SCREW 1/4-40 L=8				1
54	RO069180100	RUBBER RING				1
55	WZ1052010KP	WAVED WASHER				1
56	B1660481000	STOPPER				1
57	B1661481000	SCREW				1
58	B1662481000	LEVER STOPPER RUBBER CAP				1
59	NS6150430SP	NUT 15/64-28				1
60	WP0621016SD	WASHER 6.2X13X1				1
61	SS8090540SP	SCREW 9/64-40 L=5				1
62	B1623555A00	FEED REGULATOR DIAL	FOR URBAN WHITE			1
63	B162455500A	REVERSE FEED CONTROL LEVER	FOR URBAN WHITE			1
64	40082080	FEED DRIVING ROCKER HINGE PIN	SELECTIVE PARTS			1
65	40082081	FEED DRIVING ROCKER HINGE PIN	SELECTIVE PARTS			1

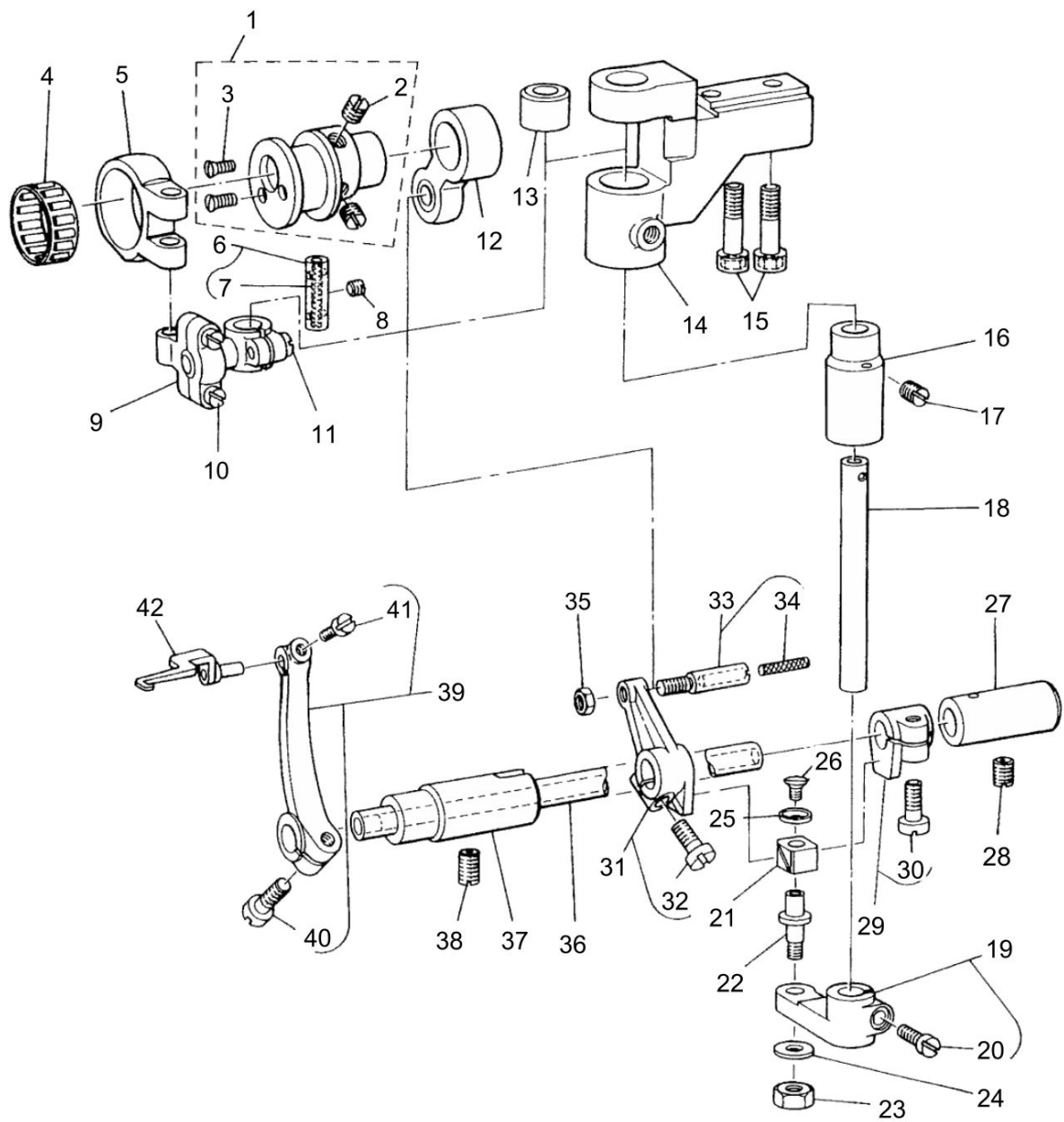
FEED MECHANISM COMPONENTS (2)



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	SS1080510SP	SCREW 1/8-44 L=5				1
7	B1715481000	COUNTER-SUNK WASHER				1
8	SS6090810SP	SCREW 9/64-40 L= 7.5				2
9	B16034860A0	FEED ROCKER ASM.				1
10	SS6121840SP	SCREW 3/16-28 L=18		*		1
11	WP0480856SP	WASHER 4.8X8.4X0.8		*		1
12	NS6120310SP	NUT 3/16-28		*		1
13	CQ303000000	OIL WICK				0.3
14	40133994	FEED ROCKER SHAFT BUSHING				1
15	B1601555000	FEED ROCKER SHAFT				1
16	22904155	MAIN SHAFT THRUST COLLAR ASM.				2
17	SS8660610TP	SCREW 1/4-40 L=6		*		4
18	SS8150710SP	SCREW 15/64-28 L=7				1
19	B1702155000	BUSHING REAR				1
20	SD1020701SP	HINGE SCREW D=10.2 H=7				1
21	NS6680410SP	NUT 9/32-28				1
22	RC0150001KP	RETAINING RING 13.8				1
23	CQ303000000	OIL WICK				0.2
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	SS8150710SP	SCREW 15/64-28 L=7				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	B1613481A00	FEED DOG (1-NEEDLE)	SPECIAL ORDER PARTS			1
44	B1613481D00	FEED DOG (D)	SPECIAL ORDER PARTS			1

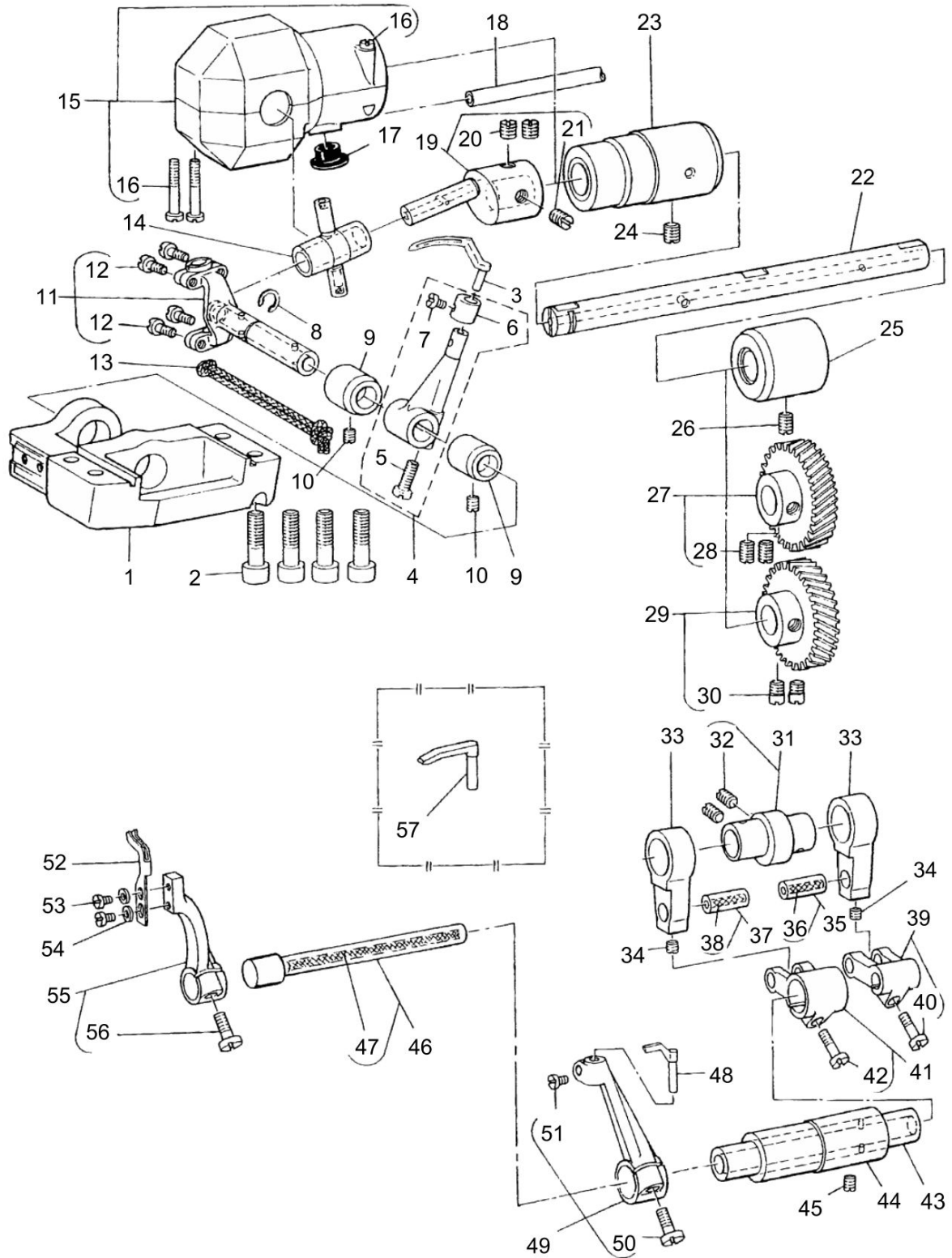
THREAD SPREADER COMPONENTS



THREAD SPREADER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D2101481CA0	THREAD SPREADER ECCENTRIC ASM.	SELECTIVE PARTS			1
2	SS8150710TP	SCREW 15/64-28 L=7		*		2
3	SS2080810SP	SCREW 1/8-44 L=7.5		*		2
4	B210348100B	BEARING				1
5	B2105481000	LEFT & RIGHT DRIVING ROD A				1
6	B14033520A0	PIN ASM.				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	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
12	B21174810A0	FORE & AFT DRIVING ROD ASM.				1
13	B2110481000A	BUSHING UPPER				1
14	B2109481000A	MOUNTING BASE				1
15	SM6062002TP	SCREW M6 L=20				2
16	B2111481000A	BUSHING LOWER				1
17	SS8150710SP	SCREW 15/64-28 L=7				1
18	B2108481000	LEFT & RIGHT DRIVING SHAFT				1
19	B21124810A0	SLIDE BLOCK BRACKET				1
20	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
21	B1414232000	SQUARE BLOCK				1
22	B1827232000	SLIDE ROLLER STUD				1
23	NS6120310SP	NUT 3/16-28				1
24	WP0501016SD	WASHER 5X10.5X1				1
25	B1715481000	COUNTER-SUNK WASHER				1
26	SS1080510SP	SCREW 1/8-44 L=5				1
27	B2124481000	BUSHING REAR				1
28	SS8150710SP	SCREW 15/64-28 L=7				1
29	B21154810A0	SLIDE BLOCK ASM.				1
30	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
31	B21204810A0	FORE & AFT DRIVING ARM ASM.				1
32	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
33	B21194810A0	PIN				1
34	CQ202000000	OIL WICK		*		0.1
35	NS6120310SP	NUT 3/16-28				1
36	B2122481000	THREAD SPREADER DRIVING SHAFT				1
37	B2123481000	BUSHING FRONT				1
38	SS8150710SP	SCREW 15/64-28 L=7				1
39	B21254810A0	THREAD SPREADER DRIVING ARM ASM.				1
40	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
41	SS7090520TP	SCREW 9/64-40 L=4.5		*		1
42	D2126481CA0	THREAD SPREADER ASM.				1

LOOPER & NEEDLE GUARD COMPONENTS



LOOPER & NEEDLE GUARD COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D2013481C00	LOOPER MOUNTING BASE	SELECTIVE PARTS			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	B20064810A0	LOOPER CRANK(WITH SCREW)				1
20	SS8660810TP	SCREW 1/4-40 L=8		*		2
21	B2007481000	LOOPER CRANK ADJUSTING SCREW		*		1
22	B2001481000A	LOOPER CRANK DRIVING SHAFT				1
23	B2002481000	BUSHING FRONT				1
24	SS8150710SP	SCREW 15/64-28 L=7				1
25	B1803481000	BUSHING INTERMEDIATE				1
26	SS8150710SP	SCREW 15/64-28 L=7				1
27	B20044810A0	GEAR UPPER				1
28	SS8660810TP	SCREW 1/4-40 L=8		*		2
29	B20054810AB	GEAR LOWER				1
30	SS6660610TP	SCREW 1/4-40 L=6		*		2
31	B23014810A0	NEEDLE GUARD CAM				1
32	SS8150710TP	SCREW 15/64-28 L=7		*		2
33	B2302481000	NEEDLE GUARD CRANK ROD				2
34	SS8110410TP	SCREW 11/64-40 L=3.5				2
35	B16104300A0	PIN ASM.				1
36	CQ303000000	OIL WICK		*		0.1
37	B16104300A0	PIN ASM.				1
38	CQ303000000	OIL WICK		*		0.1
39	B23034810A0	LOOP GUIDE ROCKER FORK				1
40	SS7111310TP	SCREW 11/64-40 L=12.8		*		1
41	B23044810A0	REAR NEEDLE GUARD ROCKER FORK				1
42	SS7111310TP	SCREW 11/64-40 L=12.8		*		1
43	B2306481000	NEEDLE GUARD DRIVING SHAFT				1
44	B2307481000	BUSHING				1
45	SS8150710SP	SCREW 15/64-28 L=7				1
46	B23054810A0	LOOP GUIDE DRIVING SHAFT ASM.				1
47	CQ252000000	OIL WICK		*		0.2

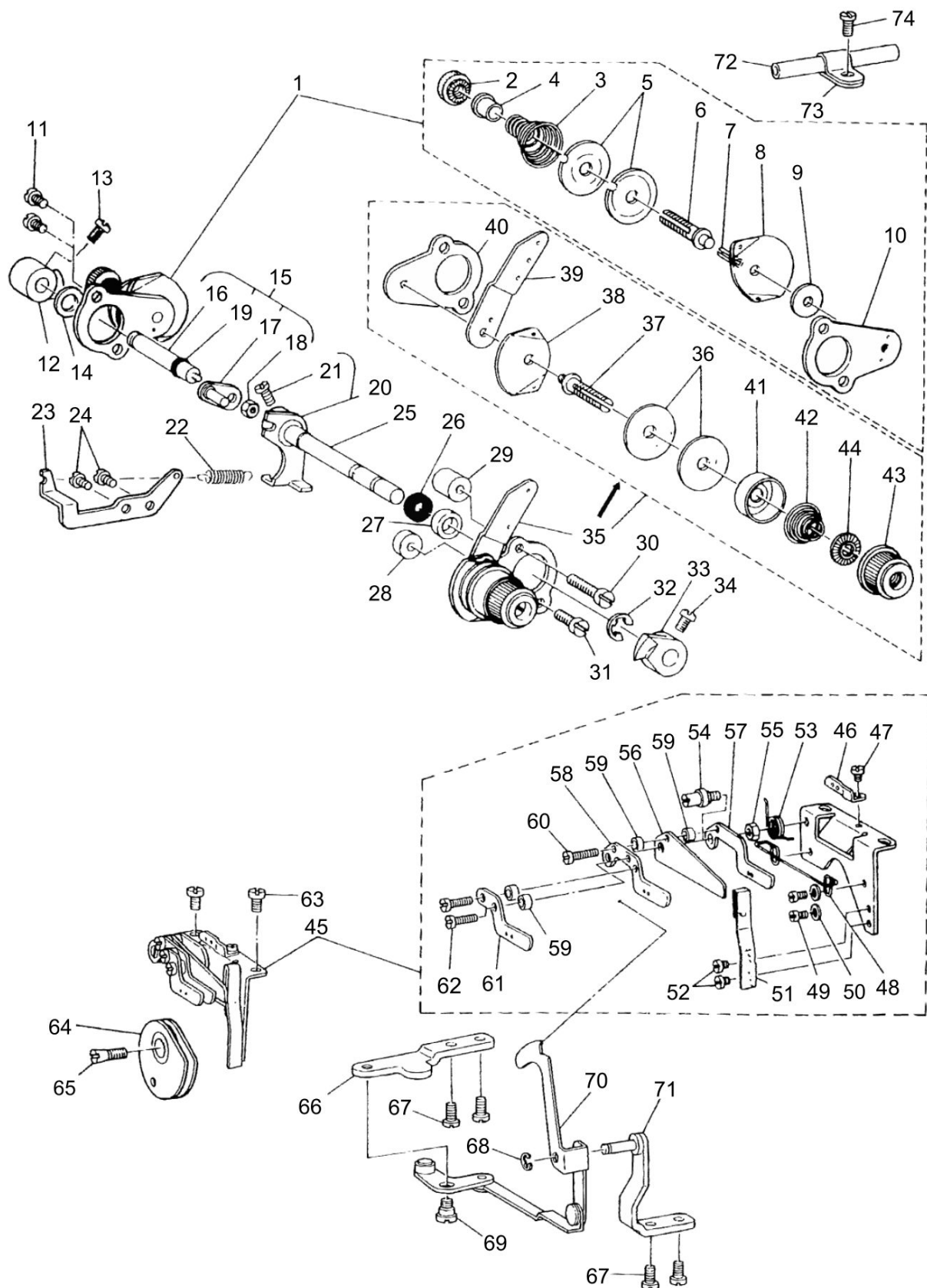
This exploded view diagram illustrates the assembly of a mechanical device. The components are numbered as follows:

- 1**: Main housing or base plate.
- 2**: Four screws for the base.
- 3**: A long shaft or rod.
- 4**: A small pin or bush.
- 5**: A small bush or sleeve.
- 6**: A bracket or support arm.
- 7**: A small pin or bush.
- 8**: A long shaft or rod.
- 9**: Two small bushings or sleeves.
- 10**: A small pin or bush.
- 11**: A bracket or support arm.
- 12**: Four screws for the bracket.
- 13**: A long shaft or rod.
- 14**: Two screws for the bracket.
- 15**: A motor or actuator unit.
- 16**: Two screws for the motor.
- 17**: A small pin or bush.
- 18**: A long shaft or rod.
- 19**: A bracket or support arm.
- 20**: Two small bushings or sleeves.
- 21**: A small pin or bush.
- 22**: A long shaft or rod.
- 23**: A motor or actuator unit.
- 24**: A small pin or bush.
- 25**: A gear or pulley.
- 26**: A small pin or bush.
- 27**: A gear or pulley.
- 28**: Two small bushings or sleeves.
- 29**: A gear or pulley.
- 30**: Two small bushings or sleeves.
- 31**: A bracket or support arm.
- 32**: A small pin or bush.
- 33**: Two brackets or support arms.
- 34**: Two small pins or bushes.
- 35**: A small pin or bush.
- 36**: A small pin or bush.
- 37**: A small pin or bush.
- 38**: A small pin or bush.
- 39**: A bracket or support arm.
- 40**: A small pin or bush.
- 41**: A small pin or bush.
- 42**: A small pin or bush.
- 43**: A long shaft or rod.
- 44**: A small pin or bush.
- 45**: A small pin or bush.
- 46**: A long shaft or rod.
- 47**: A bracket or support arm.
- 48**: A bracket or support arm.
- 49**: A small pin or bush.
- 50**: A small pin or bush.
- 51**: A bracket or support arm.
- 52**: A bracket or support arm.
- 53**: Two screws for the bracket.
- 54**: A bracket or support arm.
- 55**: A bracket or support arm.
- 56**: A small pin or bush.
- 57**: A bracket or support arm.

LOOPER & NEEDLE GUARD COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	B2311481000A	NEEDLE GUARD				1
49	B23094810A0	REARNEEDLEGUARDROCKERARMASM.				1
50	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
51	SS7090910TP	SCREW 9/64-40 L=8.5		*		1
52	B2310481000	LOOP GUIDE				1
53	SS7090520TP	SCREW 9/64-40 L=4.5				2
54	WP0371026SD	WASHER 3.7X7X1				2
55	B23084810A0	LOOP GUIDE ROCKER ARM				1
56	SS6121220TP	SCREW 3/16-28 L=11.5		*		1
57	B2312481000	NEEDLE GUARD	SPECIAL ORDER PARTS			1

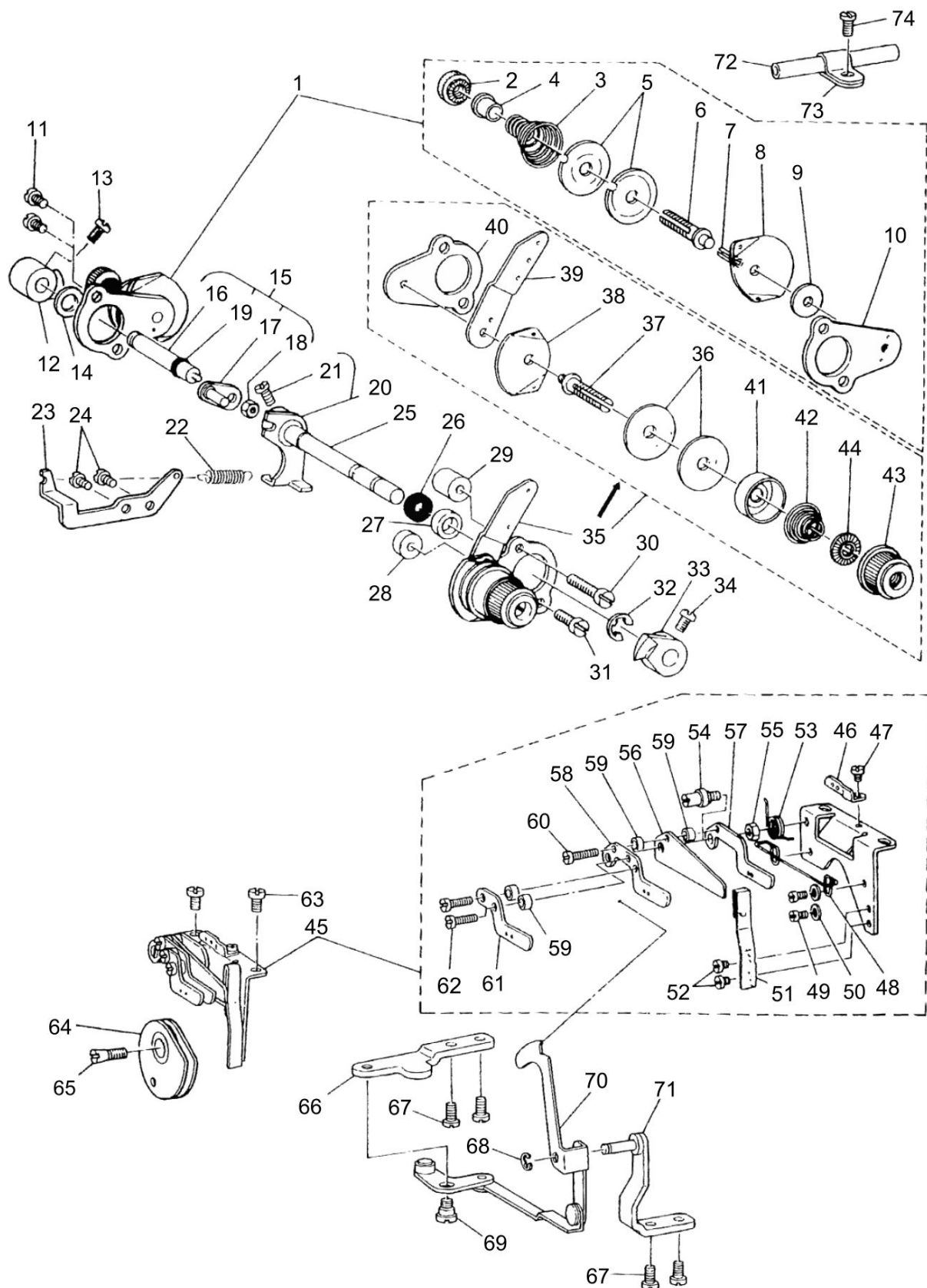
THREAD TENSION CONTROLLER COMPONENTS



THREAD TENSION CONTROLLER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D3103481DA0	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	PS0200102KH	SPRING PIN 2.0X10		*		1
8	B3106380000	THREAD GUIDE		*		1
9	WP0851216SC	WASHER 8.5X18.0X1.2		*		1
10	B3101481000	TENSION CONTROLLER INSTALLING		*		1
11	SS4110715SP	SCREW 11/64-40 L=7				2
12	B3121481000	LOOPER THREAD TENSION RELEASE				1
13	SS6110420TP	SCREW 11/64-40 L=4.8				1
14	WP0740516SP	WASHER 7.4X11.8X0.5				1
15	D3135481CB0	LOOPER THREAD RELEASE SHAFT ASM.				1
16	D3135481C00A	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	D3130481CA0	TENSION RELEASE ARM ASM.				1
21	SS6110710TP	SCREW 11/64-40 L= 6.5		*		1
22	D3134481C00	SPRING				1
23	D3133481C00	SUSPENSION BRACKET				1
24	SS4110715SP	SCREW 11/64-40 L=7				2
25	D3110481C00	TENSION RELEASE SHAFT				1
26	B1522552000	OIL SEAL RING				1
27	B3115481000	TENSION RELEASE SHAFT SPACER				1
28	B3116481000	SPACER(A) FOR INSTALLING PLATE				1
29	B3117481000	SPACER(B) FOR INSTALLING PLATE				1
30	SS4112515SP	SCREW 11/64-40 L=25				1
31	SS4111415SP	SCREW 11/64-40 L=14				1
32	RE0600000K0	E-RING 6				1
33	B3120481000	NEEDLE THREAD TENSION RELEASE				1
34	SS6110420TP	SCREW 11/64-40 L=4.8				1
35	B31024810A0	NEEDLE THREAD TENSION ASM.				1
36	B3126012000	THREAD TENSION DISK		*		2
37	B3104481000	LOOPER THREAD TENSION POST		*		1
38	B2306019000	TENSION THREAD GUIDE		*		1
39	B3102481000	NEEDLE THREAD TENSION GUIDE PLATE		*		1
40	B3101481000	TENSION CONTROLLER INSTALLING		*		1
41	B3107704000	TENSION DISC PRESSER TUBE		*		1
42	B3129012A00	TENSION SPRING		*		1
43	B3119771000	THREAD TENSION NUT		*		1
44	B3120125000	ROTATING STOPPER		*		1
45	D2210481DA0	LOOPER THREAD GUIDE ASM.				1
46	B2203481000	LOOPER THREAD GUIDE(B)		*		1
47	SS6080320SP	SCREW 1/8-44 L=2.5		*		1

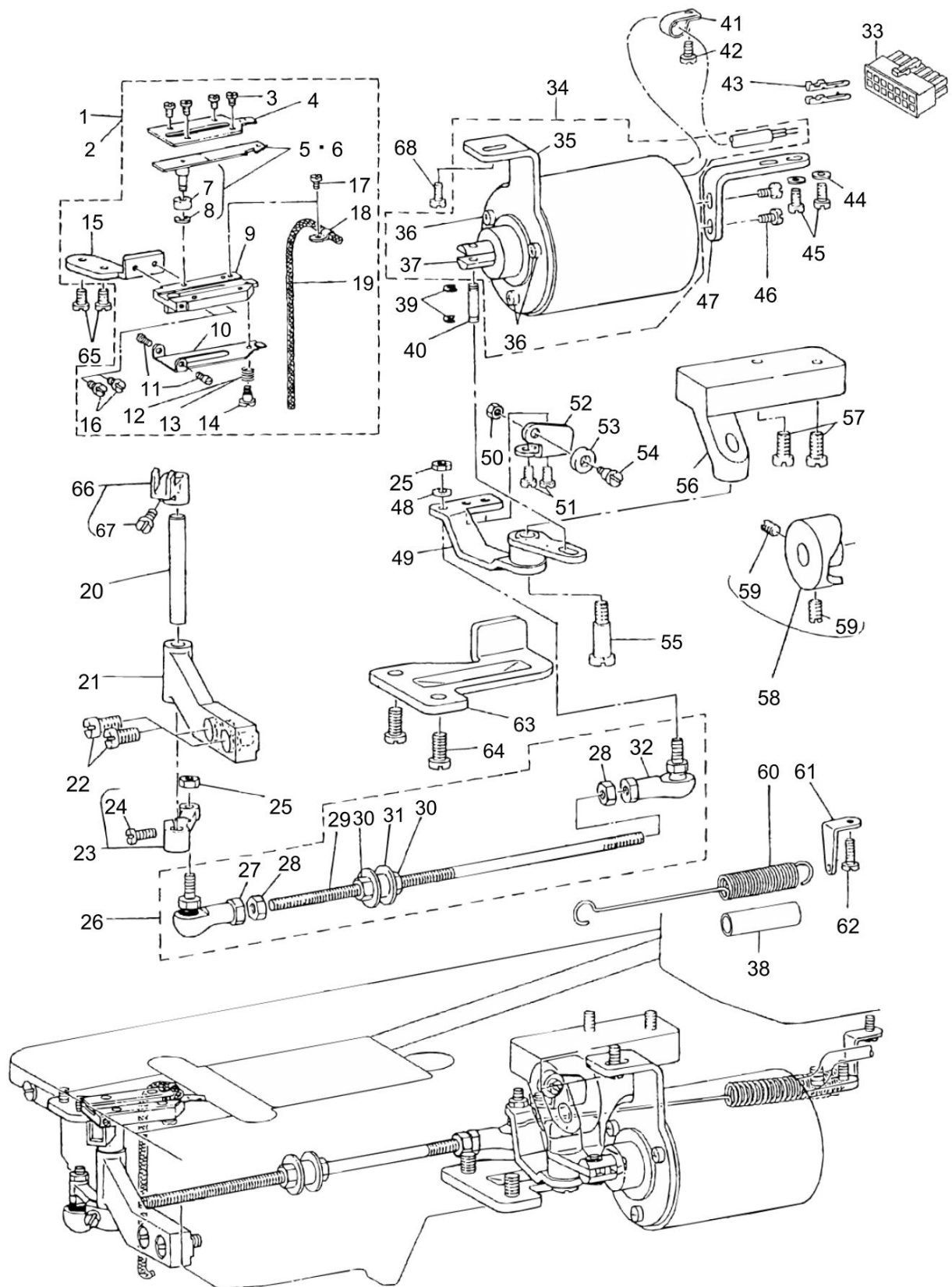
THREAD TENSION CONTROLLER COMPONENTS



THREAD TENSION CONTROLLER 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	D2213481C00	CAST-OFF PLATE		*		1
57	B2212481000	LOOPER THREAD GUIDE RIGHT		*		1
58	D2211481D00	LOOPER THREAD GUIDE LEFT		*		1
59	B2215481000	COLLAR		*		4
60	SS7081310SP	SCREW 1/8-44 L=12.5		*		1
61	D2227481D00	LOOPER THREAD GUIDE		*		1
62	SS4080620TP	SCREW 1/8-44 L=6		*		2
63	SS4110515SP	SCREW 11/64-40 L=5				2
64	B2220481010	LOOPER THREAD TAKE-UP ASM.				1
65	B2225481000	SCREW				1
66	D3931481D00	ARM INSTALLING PLATE				1
67	SS4110715SP	SCREW 11/64-40 L=7				4
68	RE0400000K0	E-RING 4				1
69	SD0640211SP	HINGE SCREW D=6.35 H=2.1				1
70	D3928481DA0	THREAD TENSION RELEASE ASM.				1
71	D3929481DA0	RELEASE LEVER INSTALLING ASM.				1
72	D3105481D00	LOOPER THREAD GUIDE				1
73	D2120555C00	CORD PRESSER (120V)				1
74	SS4110715SP	SCREW 11/64-40 L=7				1

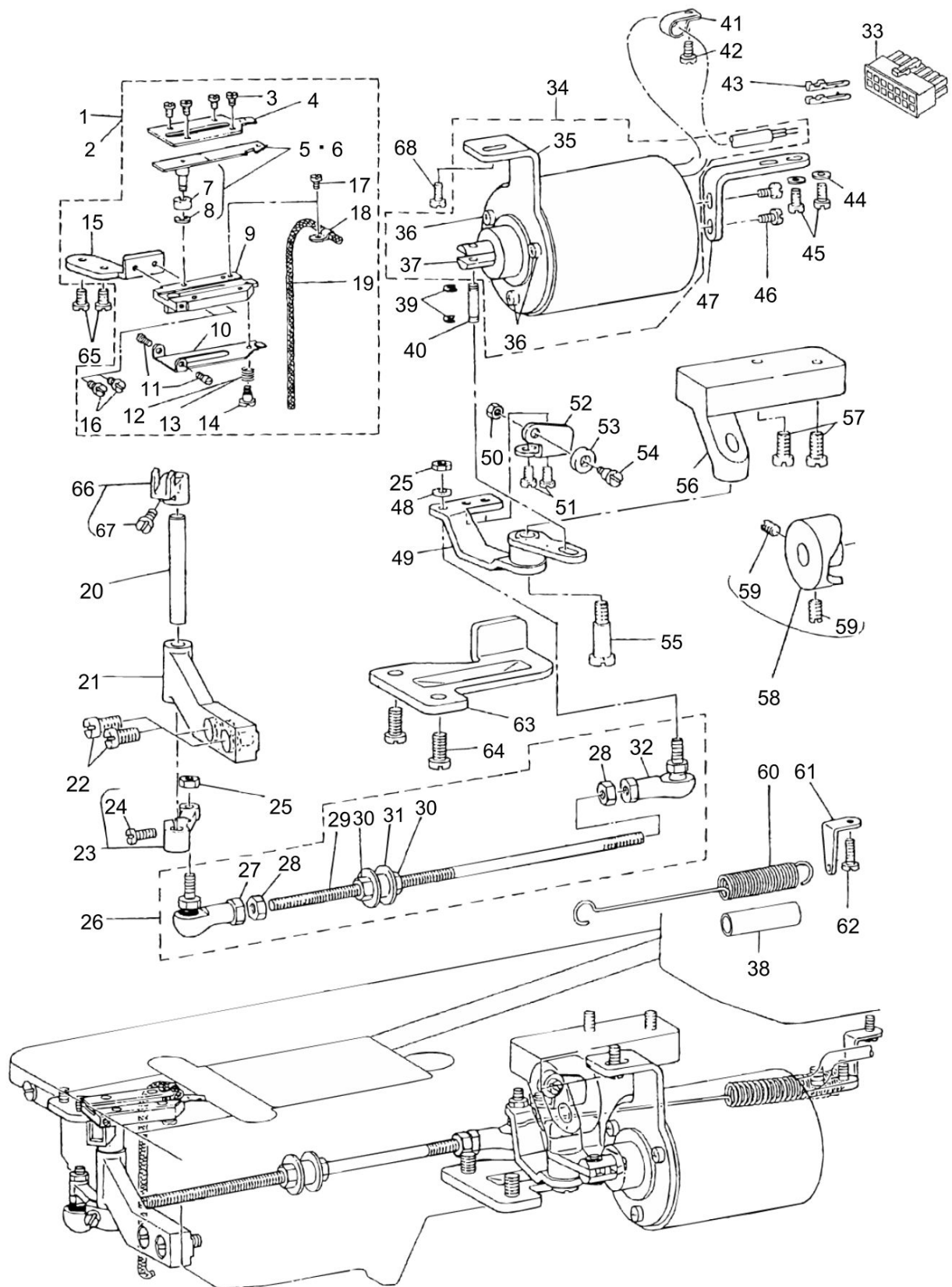
THREAD TRIMMER COMPONENTS



THREAD TRIMMER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D2407481DBA	MOVING KNIFE MOUNTING PLATE ASM.	SPECIAL ORDER PART (FOR THICK THREAD)			1
2	D2407481DBB	MOVING KNIFE BASE ASM.				1
3	SS6090420SP	SCREW 9/64-40 L=4.0		*		4
4	D2405481C00A	COUNTER KNIFE		*		1
5	D2401481CD0	MOVING KNIFE ASM.		*		1
6	D2401481CDB	COUNTER KNIFE ASM.	SPECIAL ORDER PART (FOR THICK THREAD)	*		1
7	D2403481C00	COLLAR		*		1
8	RE0250000K0	E-RING 2.5		*		1
9	D2407481D00	MOUNTING PLATE		*		1
10	D2406481D00	THREAD CLAMPING		*		1
11	D2409481D00	CLAMPING STOPPER PIN		*		2
12	D2404481D0A	THREAD CLAMPING SPRING		*		1
13	D2404481D0B	THREAD CLAMPING SPRING B	SPECIAL ORDER PART (FOR THICK THREAD)	*		1
14	SD0360601SP	CLAMPING SCREW		*		1
15	D2408481C00A	MOUNTING PLATE INSTALLING BASE		*		1
16	SS6090510TP	SCREW 9/64-40 L=5.0		*		2
17	SS5060310SP	SCREW 3/32-56 L=2.8		*		1
18	D2410481C00A	OIL WICK HOLDER		*		1
19	CQ202000000	OIL WICK		*		0.2
20	D2413481C00	KNIFE DRIVING SHAFT				1
21	D2412481C00	MOVING KNIFE BUSHING PIN				1
22	SS6151920SP	SCREW 15/64-28 L=19.0				2
23	D2414481CA0	KNIFE DRIVING ARM ASM.				1
24	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
25	NM6050001SP	NUT M5				2
26	D2415481DA0A	THREAD-CUTTING BALL JOINT ASM.				1
27	D2415481D00	KNIFE DRIVING ARM JOINT		*		1
28	NM6050001SP	NUT M5		*		2
29	D2416481C00	CONNECTING ROD		*		1
30	NM6050001SP	NUT M5		*		2
31	D3921481D00	CAM THREAD RELEASE BLOCK		*		1
32	D2415481C00	KNIFE DRIVING ARM JOINT		*		1
33	HK034610140	HOUSING 14P				1
34	D2460481DAB	SOLENOID ASM.				1
35	D2466481C00	SOLENOID INSTALLING PLATE		*		1
36	SS7110740TP	SCREW 11/64-40 L=7		*		3
37	D2465481C00	PLUNGER		*		1
38	BT0800602E0	URETHANE TUBE 6X8 TRANSPARENT				0.12
39	RE0400000K0	E-RING 4				2
40	D2461481C00	CONNECTING PIN				1
41	G5066110000	CORD HOLDER				1
42	SS7110910SP	SCREW 11/64-40 L=8.5				1
43	HK03464000B	PIN CONTACT	FOR MH-481-5			2
44	WP0480856SP	WASHER 4.8X8.4X0.8				2
45	SS7111120SP	SCREW 11/64-40 L=10.5				2
46	SS7110740TP	SCREW 11/64-40 L=7				2

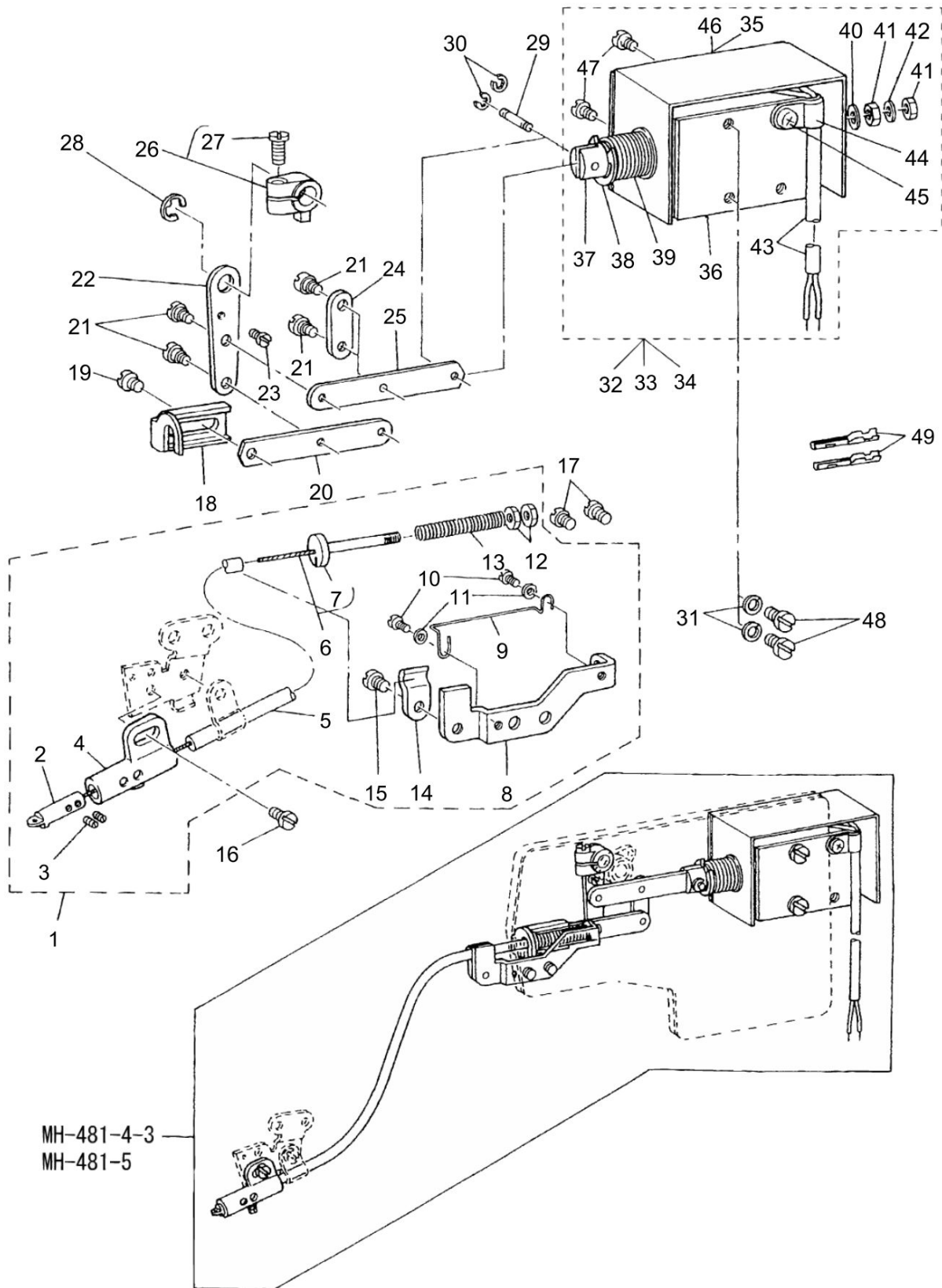
THREAD TRIMMER COMPONENTS



THREAD TRIMMER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
47	D2462481C00	SOLENOID HOLDER				1
48	WP0501016SD	WASHER 5X10.5X1				1
49	D2421481CA0	THREAD TRIMMER LEVER ASM.				1
50	NS6120310SP	NUT 3/16-28				1
51	SS5110810SP	SCREW 11/64-40 L=8				2
52	D2429481C00	ROLLER INSTALLING PLATE				1
53	D2430481C00	ROLLER				1
54	SD0600452TP	HINGE SCREW D=6 H=4.5				1
55	SD0791501SP	HINGE SCREW D=7.94 H=15.0				1
56	D2426481C00	THREAD TRIMMER LEVER MOUNTING				1
57	SS6151412TP	SCREW 15/64-28 L=14				2
58	D2428481CA0	SAFETY CAM ASM.				1
59	SS8151150TP	SCREW 15/64-28 L=10.5		*		2
60	D2424481C00A	TENSION SPRING				1
61	D2425481C00	SUSPENSION BRACKET				1
62	SS7110710TP	SCREW 11/64-40 L=7.0				1
63	D2461486E00	THREAD TRIMMER STOPPER				1
64	SS7151210SP	SCREW 15/64-28 L=12				2
65	SS7110840SP	SCREW 11/64-40 L=7.8				2
66	D2411481CA0	KNIFE DRIVING FORK ASM.				1
67	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
68	SS6151040SP	SCREW 15/64-28 L=10				1

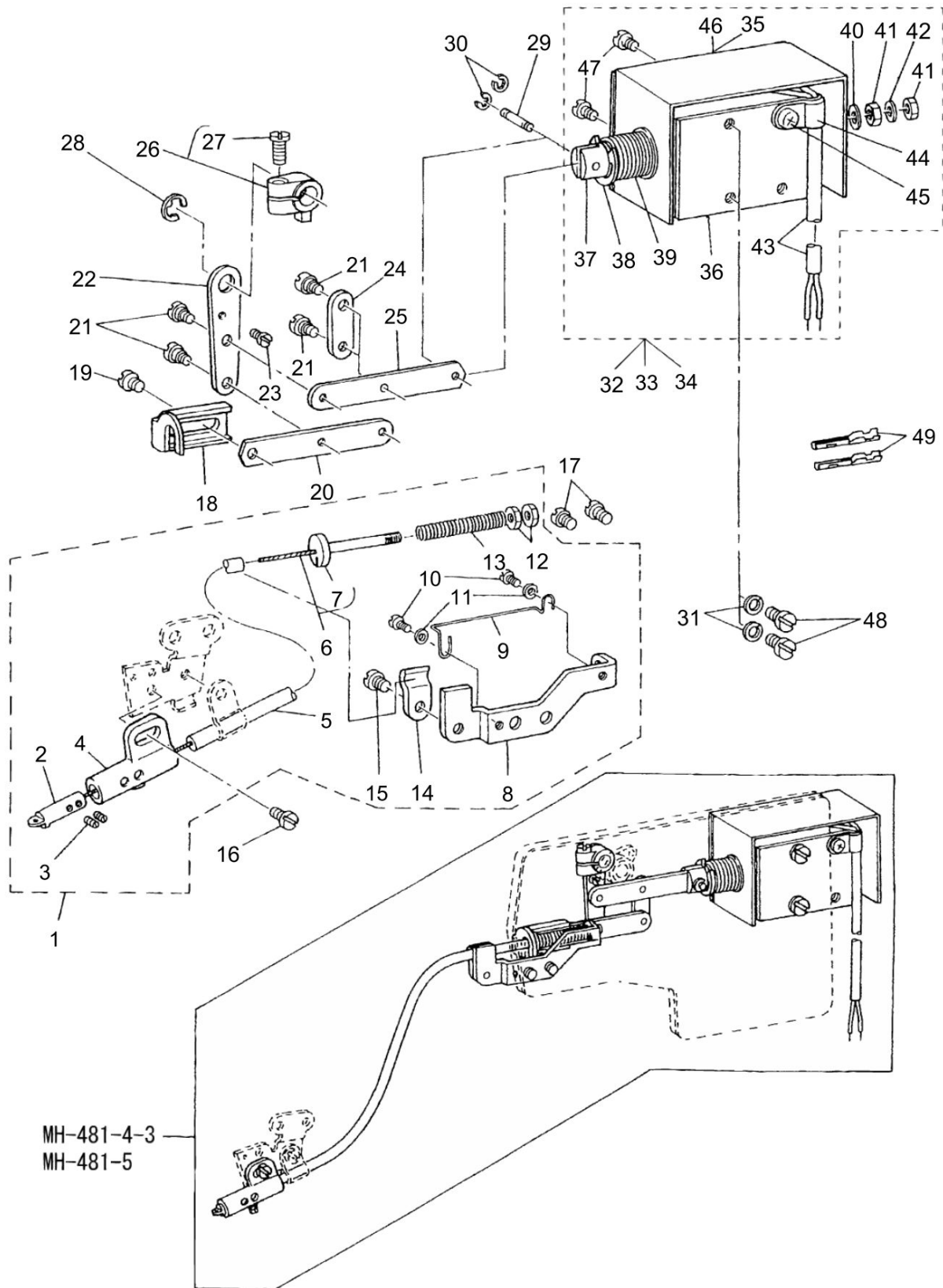
THREAD DRAW OUT SOLENOID COMPONENTS



THREAD DRAW OUT SOLENOID COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D3911481CA0	THREAD DRAW OUT WIRE ASM.				1
2	D3918481D00	THREAD GUIDE PIN		*		1
3	SS8080310TP	SCREW 1/8-44 L=2.8		*		2
4	D3917481D00	GUIDE PIN HOLDER		*		1
5	D3913481D00	WIRE TUBE		*		1
6	D3912481CA0	THREAD DRAW OUT WIRE ASM.		*		1
7	D3914481C00	WIRE HOLDER		*		1
8	D3911481C00	WIRE MOUNTING PLATE		*		1
9	D3919481D00	WIRE GUIDE		*		2
10	SS4080415SP	SCREW 1/8-44 L=4		*		2
11	WP0371026SD	WASHER 3.7X7X1		*		2
12	NS6090310SP	NUT 9/64-40		*		2
13	D3915481C00	SPRING		*		1
14	D3916481C00	TUBE HOLDER		*		1
15	SS4110515SP	SCREW 11/64-40 L=5		*		1
16	SS4110515SP	SCREW 11/64-40 L=5				1
17	SS7110510SP	SCREW 11/64-40 L=5				2
18	D3910481C00	WIRE DRAWING LINK				1
19	SS4110515SP	SCREW 11/64-40 L=5				1
20	D3908481C00	LINK B				1
21	SD0450211SP	HINGE SCREW D=4.50 H=2.1				4
22	D3906481C00	THREAD DRAW OUT LEVER				1
23	SS7090410SP	SCREW 9/64-40 L= 3.5				1
24	D3909481C00	LINK CONNECTING PLATE				1
25	D3905481C00	LINK A				1
26	D3907481CA0	THREAD DRAW OUT ARM ASM.				1
27	SS7111110TP	SCREW 11/64-40 L=10.5		*		1
28	RE0600000K0	E-RING 6				1
29	D3904481E00	PLUNGER PIN				1
30	RE0200000K0	E-RING				2
31	WS0441040KP	SPRING WASHER 4.4X7.4X1				2
32	D3901481DAB	THREAD DRAW OUT SOLENOID ASM.	FOR MH-481-4-3			1
33	D3901486EAB	THREAD DRAW OUT SOLENOID ASM.	FOR MH-481-5			1
34	D3901486DAC	THREAD DRAW OUT SOLENOID ASM.				1
35	D3903481C0A	SOLENOID COVER	FOR URBAN WHITE	*		1
36	D3901486E0B	THREAD DRAW OUT SOLENOID		*		1
37	D2118555B00A	PLUNGER		*		1
38	RE0901110K0	SNAP RING 9		*		1
39	D3902481C00A	SPRING		*		1
40	MAT80115T00	WASHER		*		1
41	NM6040003SC	NUT M4		*		2
42	WS0411002KS	SPRING WASHER 4.1X7.6X1.0		*		1
43	HW200110000	WIRE BLACK		*		1.1
44	HX00150000B	CABLE CLIP		*		1
45	SM4040601SB	SCREW M4 L=6		*		1
46	D3903481C00	SOLENOID COVER		*		1
47	SM4040601SB	SCREW M4 L=6		*		2

THREAD DRAW OUT SOLENOID COMPONENTS



THREAD DRAW OUT SOLENOID COMPONENTS

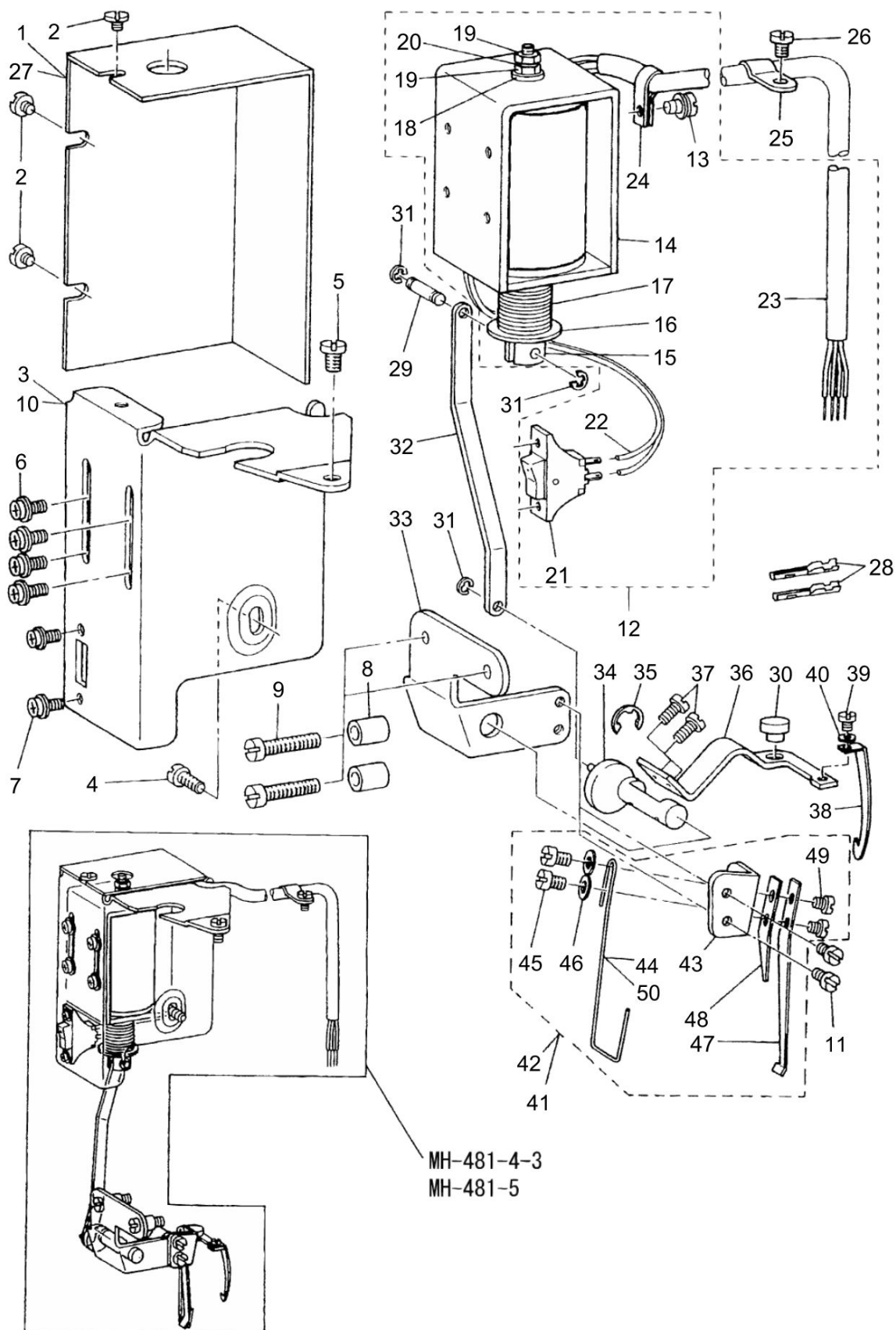
No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	SM4040601SB	SCREW M4 L=6	FOR MH-481-5			2
49	HK03464000B	PIN CONTACT				2

This technical drawing is an exploded view of a mechanical assembly, likely a door latch or lock mechanism. The diagram shows various components and their assembly sequence, indicated by dashed lines and numbered callouts (1 through 50). The main components include a rectangular housing (1), a mounting plate (10), a latch bolt (17), a spring (16), and a handle (14). The assembly is shown in two main views: a side view on the left and a front view on the right. The side view shows the housing (1) being attached to the mounting plate (10) using screws (2, 3, 4, 5, 6, 7). The front view shows the latch bolt (17) and handle (14) being assembled onto the housing. The handle (14) is connected to the latch bolt (17) via a linkage mechanism (15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50). The diagram also includes a small inset showing the assembly of the handle (14) and the latch bolt (17) into the housing (1). The labels MH-481-4-3 and MH-481-5 are located at the bottom right of the diagram.

WIPER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	D2111555B00B	MAGNET INSTALLING BASE COVER				1
2	SS7110340SP	SCREW 11/64-40 L=3.2				3
3	D2101555C00	MAGNET INSTALLING BASE				1
4	SS7110710SP	SCREW 11/64-40 L=7				1
5	SS7110840SP	SCREW 11/64-40 L=7.8				1
6	SL4040881SF	SCREW M4 L=8				4
7	SL4030621SS	SCREW M3				2
8	D2114555B00	BRACKET INSTALLING COLLAR				2
9	SS7112420SP	SCREW 11/64-40 L=24				2
10	D2101555C0A	MAGNET INSTALLING BASE	FOR URBAN WHITE			1
11	SS7090510SP	SCREW 9/64-40 L=4.6				2
12	D3008481DAB	WIPER DRIVING SOLENOID ASM.				1
13	SL4041081SC	SCREW M4 L=10		*		1
14	D3901481D0B	SOLENOID	FOR MH-481-4-3,481-5	*		1
15	D2118555B00A	PLUNGER		*		1
16	RE0901110K0	SNAP RING 9		*		1
17	D3006481C00	SPRING		*		1
18	MAT80115T00	WASHER		*		1
19	NM6040003SC	NUT M4		*		2
20	WS0411002KS	SPRING WASHER 4.1X7.6X1.0		*		1
21	D2119555C00	SWITCH		*		1
22	HW2F18S1219	ELECTRIC WIRE WHITE		*		0.1
23	HW000600020	2-CORE CABTYRE CORD	FOR MH-481-4-3	*		2
24	HX00150000A	CABLE CLAMP		*		1
25	D2611555B00A	CABLE HOLDER				1
26	SS7110840SP	SCREW 11/64-40 L=7.8				1
27	D2111555B0A	MAGNET INSTALLING BASE COVER	FOR URBAN WHITE			1
28	HK03464000B	PIN CONTACT	FOR MH-481-5			2
29	D2107555B00	WIPER LINK SHAFT A				1
30	D3005481C00	WIPER CUSHION				1
31	RE0250000K0	E-RING 2.5				3
32	D2102555B00	CONNECTING LINK				1
33	D3001481C00A	WIPER DRIVING SHAFT BRACKET				1
34	D3002481C00A	WIPER DRIVING SHAFT				1
35	RE0500000K0	E-RING				1
36	D3004481C00A	WIPER ARM				1
37	SS7090710SP	SCREW 9/64-40 L=6.8				2
38	D3003481C00A	WIPER				1
39	SS7080410SP	SCREW 1/8-44 L=3.8				1
40	WP0371036SD	WASHER 3.7X6X1				1
41	D3010481CAB	NEEDLE THREAD CLAMP BASE ASM.	SPECIAL ORDER PARTS			1
42	D3010481DA0	NEEDLE CLAMP BASE ASM.				1
43	D3010481C00	NEEDLE CLAMP BASE		*		1
44	D3011481D00	THREAD CLAMP		*		1
45	SS6080410SP	SCREW 1/8-44 L=4		*		2
46	WP0371026SD	WASHER 3.7X7X1		*		2
47	D3012481D00	SPRING A		*		1

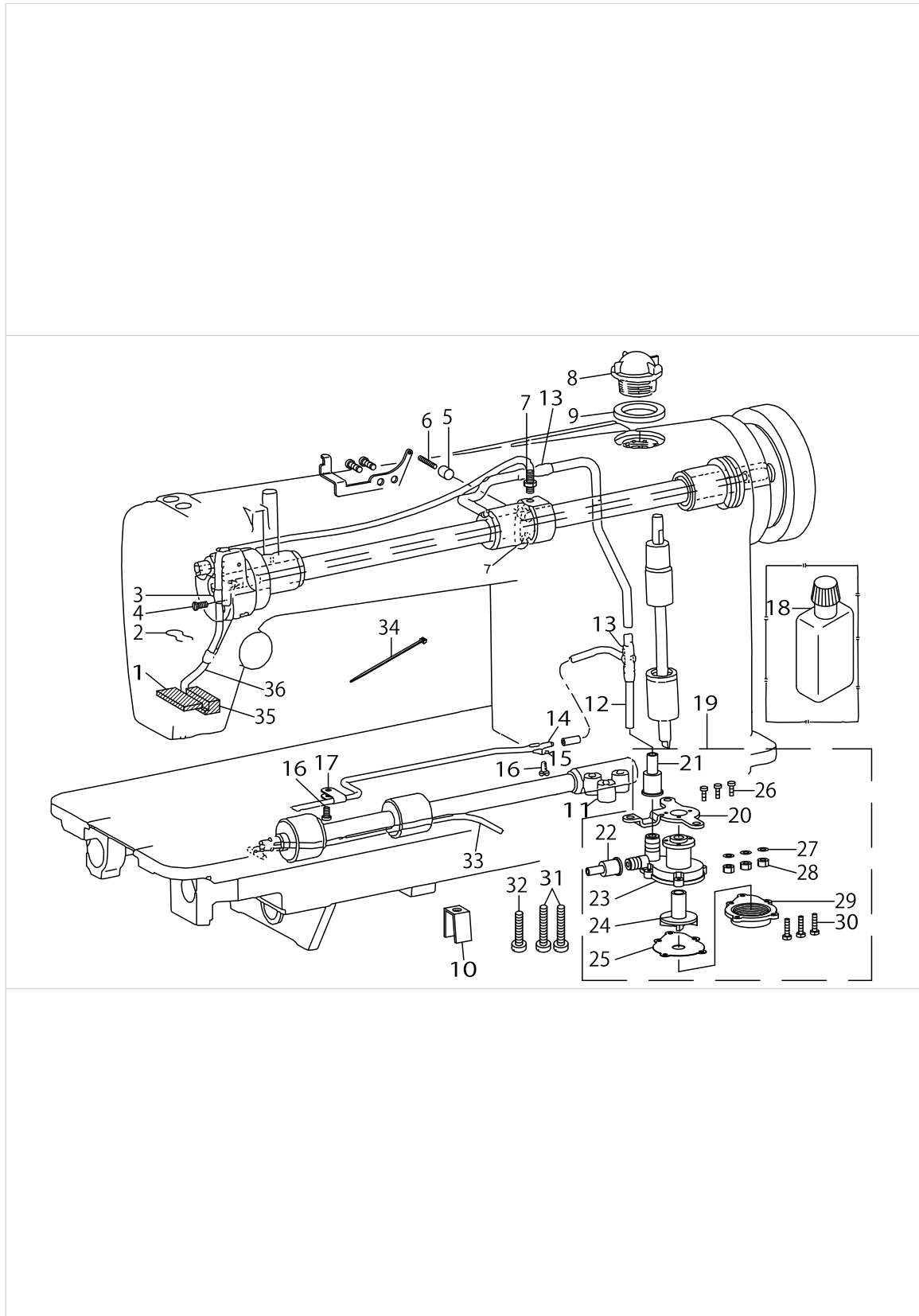
WIPER COMPONENTS



WIPER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	D3013481D00	SPRING B		*		1
49	SS6080320SP	SCREW 1/8-44 L=2.5		*		2
50	D3011481C0B	THREAD CLAMP	SPECIAL ORDER PARTS	*		1

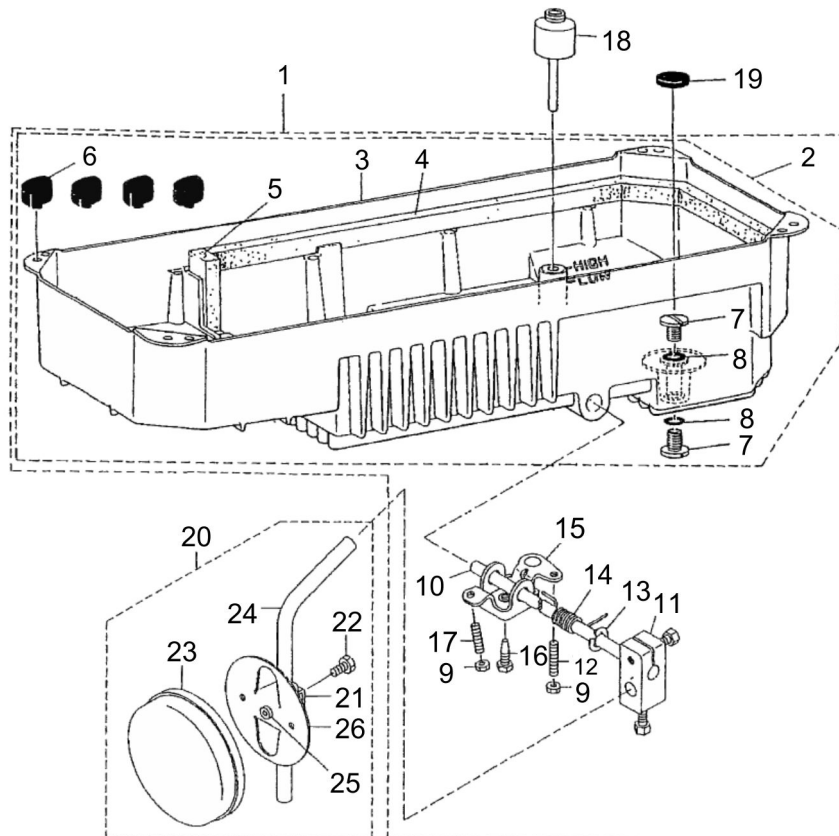
OIL LUBRICATION MECHANISM COMPONENTS



OIL LUBRICATION MECHANISM COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	B3528552000	OIL RETURN FELT	SPECIAL ORDER PARTS			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	B3545122000	OIL GUARD				1
11	B3552481000	OIL PUMP INSTALLING COLLAR				3
12	B3513484000A	MAIN SHAFT OIL TUBE				1
13	B3527415000	RUBBER JOINT				2
14	B3553481000	GEAR OIL PIPE				1
15	B2657771000	GUIDE				1
16	SS4110715SP	SCREW 11/64-40 L=7				2
17	B3554481000	HOLDER				1
18	B91351230A0	SILIC. OIL LUBRICATING OILER ASM.				1
19	B35015550A0	LUBRICATING OIL PUMP ASM.				1
20	B3503555000	OIL PUMP INSTALLING BASE		*		1
21	B3505555000	RUBBER JOINT		*		1
22	B3506555000	RUBBER JOINT		*		1
23	B3501555000	LUBRICATING OIL PUMP		*		1
24	B3507555000	OIL PUMP IMPELLER		*		1
25	B3508555000	OIL PUMP IMPELLER COVER		*		1
26	SM4031001SC	SCREW M3X0.5 L=10		*		3
27	WT0320002KZ	WASHER		*		3
28	NM60300000E	NUT M3X0.5		*		3
29	B3502555000A	LUBRICATING OIL PUMP COVER		*		1
30	SE4301031SR	SCREW		*		5
31	SS6123010SP	SCREW 3/16-28 L=30.0				2
32	SS6122510SP	SCREW 3/16-28 L=25				1
33	B3521481000A	LUBRICATING OIL PIPE				1
34	EA9500B0100	CABLE BAND				1
35	B3526226000	OIL SPONGE				1
36	BP300000000	VINYL PIPE				0.4

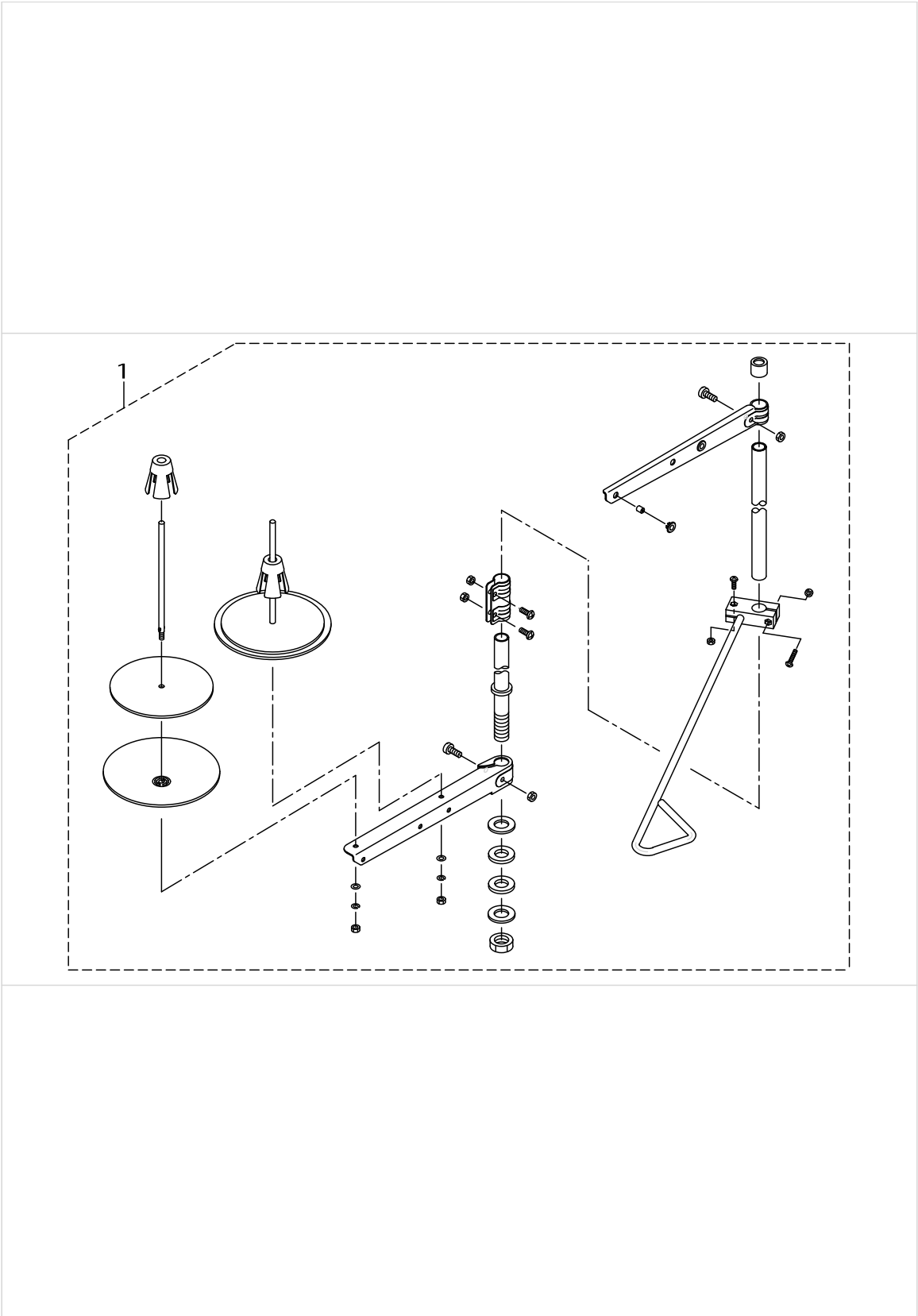
OIL RESERVOIR & KNEE LIFTER COMPONENTS



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	KNEE LIFTER ROTATION ARM		*		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

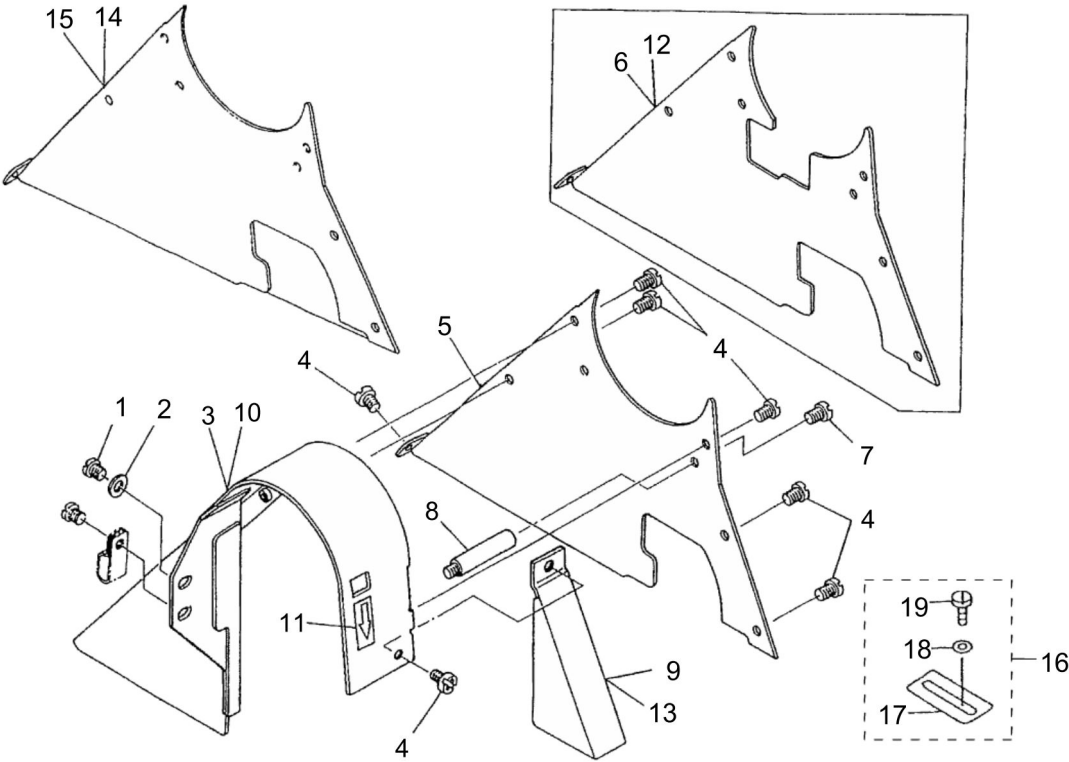
THREAD STAND COMPONENTS



THREAD STAND COMPONENTS

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

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	FOR MH-481-5,481-4-3(EXCEPT JA)			1
6	D8231555E0A	BELT COVER TOP	FOR JA			1
7	SS4110815SP	SCREW 11/64-40 L=8				1
8	D8232555B00	BELT COVER SUPPORT				1
9	D8232555E00	THREAD WINDER COVER				1
10	B82303800A0	BELT COVER	FOR URBAN WHITE			1
11	CM500300001	DIRECTION LABEL	FOR URBAN WHITE			1
12	D8231555E0D	BELT COVER TOP	FOR URBAN WHITE(FOR JA)			1
13	D8232555E0A	BOBBIN WINDER COVER	FOR URBAN WHITE			1
14	40013170	BELT COVER TOP	FOR URBAN WHITE			1
15	B8231380000	BELT COVER TOP	FOR JE & USE IN JAPAN			1
16	10163152	BELT COVER SUPPORT PLATE ASM.	FOR JE			1
17	10163103	BELT COVER SUPPORT PLATE		*		1
18	WP0501016SC	WASHER 5X10.5X1		*		1
19	SK3482500SC	WOOD SCREW D=4.8 L=25		*		1

LIST FOR INFORMATION OF CHANGE (1)

As to the place changed, refer to the corresponding Rev.No.
When previous parts(Obsoleted part)and new parts(Added parts)are not interchangeable with each other:
In this case,even obsoleted parts(D.)can be ordered with the obsoleted part number,so select the parts with changed dates and place your orders.

変更箇所は、該当Rev.No.版をご参照ください。
部品の互換性がない変更の場合は、削除された品番でも、ご注文できます。

BE481530PJA

No.0259-07 Rev.No.

*A:Added parts追加部品/D:Obsoleted parts削除部品/E:Erratum訂正

* Rev. No.	Page 頁	Ref. No.	Parts No. 品番	* Rev. No.	Page 頁	Ref. No.	Parts No. 品番
D 06	2	1	B1121-552-0A0	A 07	2	1	401-14232
D 06	2	58	CM-3002000-B1				
D 06	2	59	CM-3002001-01	A 07	2	58	CM-3012000-01
D 06	2	60	CM-3002001-A1				
				A 07	4	55	229-51552
D 06	6	3	D1230-555-B00	A 07	6	3	D1230-552-B00
D 06	8	54	B1432-027-000	A 07	8	54	228-14909
D 06	10	1	B1624-555-00A	A 07	10	1	B1623-555-000-A
D 06	10	8	B1625-555-000	A 07	10	8	401-14880
D 06	10	13	SS-2090710-SP	A 07	10	13	SS-2090710-TP
D 06	10	16	B1612-161-000	A 07	10	16	401-14884
D 06	10	19	B1627-555-0A0	A 07	10	19	401-20458
D 06	10	28	B1617-555-000	A 07	10	28	401-36257
D 06	10	31	B1615-555-000	A 07	10	31	401-14882
D 06	10	36	B1614-555-000	A 07	10	36	401-36256
D 06	10	48	B1629-555-0A0	A 07	10	48	401-14881
				E 07	10	63	B1624-555-00A
				A 07	10	64	400-82080
				A 07	10	65	400-82081
D 06	12	14	B1605-555-000	A 07	12	14	401-33994
D 06	12	25	B1604-155-000	A 07	12	25	401-33993
D 06	12	32	B1604-155-000	A 07	12	32	401-33993
D 06	18	62	SS-4080610-SP	A 07	18	62	SS-4080620-TP
D 06	20	16	SS-6090510-SP	A 07	20	16	SS-6090510-TP
D 06	20	33	D2460-486-EAB				
D 06	22	35	D3901-486-EAC				
D 06	22	41	NM-6040002-SE	A 07	22	41	NM-6040003-SC
D 06	22	42	WS-0411002-KB	A 07	22	42	WS-0411002-KS
D 06	22	44	G5066-110-000	A 07	22	44	HK-0015000-0B
D 06	22	49	D3901-481-D0B				
D 06	24	11	D3008-486-EAB				
D 06	24	13	D3901-481-C0B				
D 06	24	19	NM-6040002-SE	A 07	24	19	NM-6040003-SC
D 06	24	20	WS-0411002-KB	A 07	24	20	WS-0411002-KS
D 06	24	23	HW-5F18S12-48	A 07	24	23	HW-0006000-20
D 06	24	24	D2120-555-C00	A 07	24	24	HX-0015000-0A

LIST FOR INFORMATION OF CHANGE (2)

[illegible]

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。

NUMERICAL INDEX OF PARTS

PART NO	PAGE	REF NO.	PART NO	PAGE	REF NO.	PART NO	PAGE	REF NO.
10163103	52	17	B1103481B00	6	47	B13084810B0	14	44
10163152	52	16	B1103481F00	6	22	B13084810C0	14	39
10178705	14	11	B1105380000	6	30	B1401481000	10	2
11004207	16	49	B1106122000	2	36	B1403155000	10	7
11024106	48	14	B1106380000	6	32	B14033520A0	24	6
11072204	30	2	B1106481000A	6	15	B1408481000	10	32
22814909	16	54	B11064810A0A	6	14	B14114810A0	10	8
22901409	10	21	B1107380000	6	28	B1414232000	24	21
22901805	4	59	B1107481000	6	20	B1414555000	10	10
22904155	22	35	B1108481000	6	16	B1418552A00	10	6
22906101	10	19	B1109481000	6	18	B1419155000	10	5
22907000	14	10	B1110481000A	2	46	B1421481000	14	2
22907109	14	9	B1111038000	4	50	B1509555000	14	15
22907406	14	14	B1111481000	2	47	B1511555000	14	16
22907505	16	64	B1112481000A	4	48	B1515552000	14	17
22907604	16	63	B1115380000	6	26	B1516552000	14	20
22907703	14	13	B1119481000	2	15	B15185550A0	14	25
22907802	16	67	B112155200A	4	53	B1520552000A	14	28
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