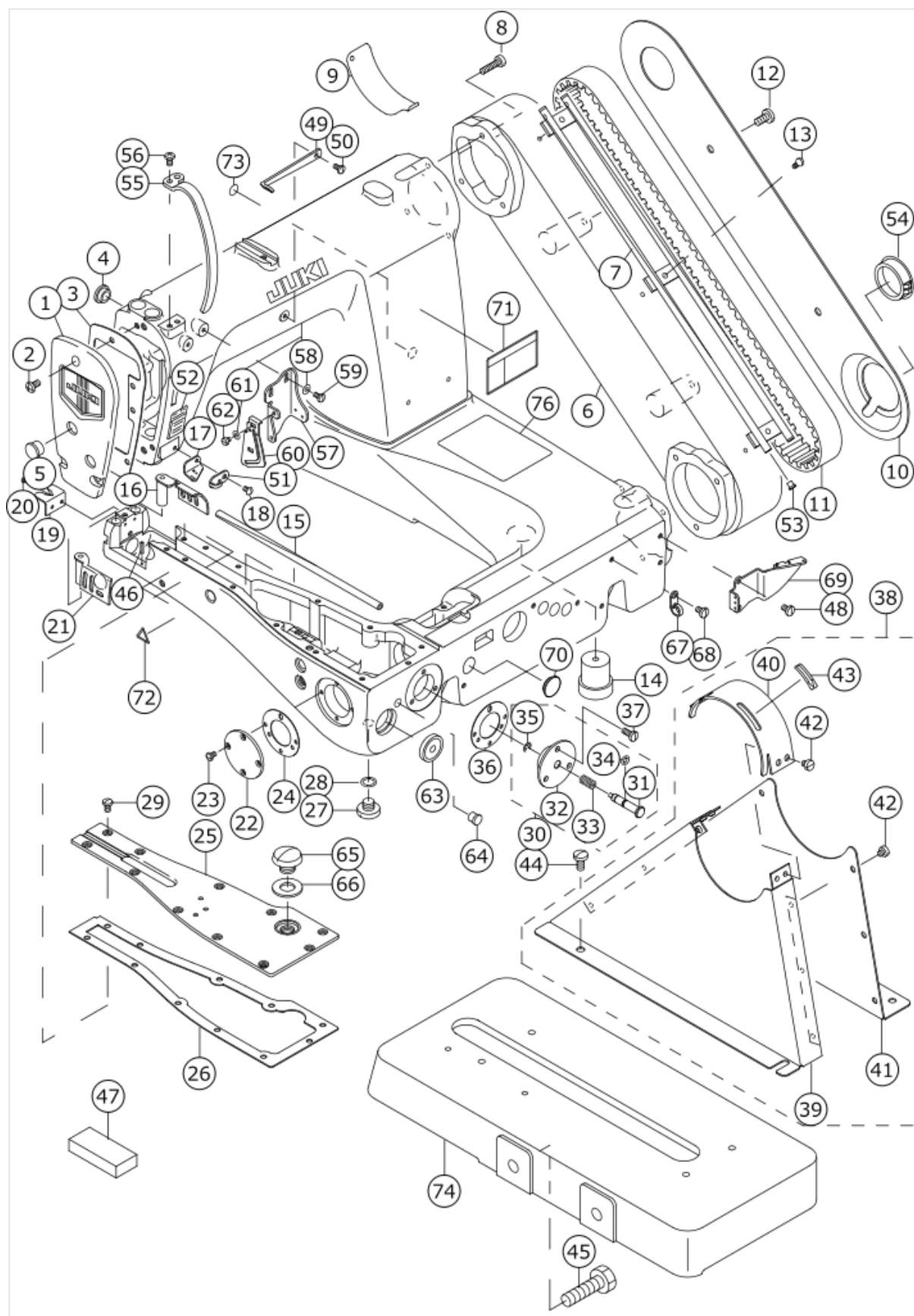


MS-1190/MS-1190M

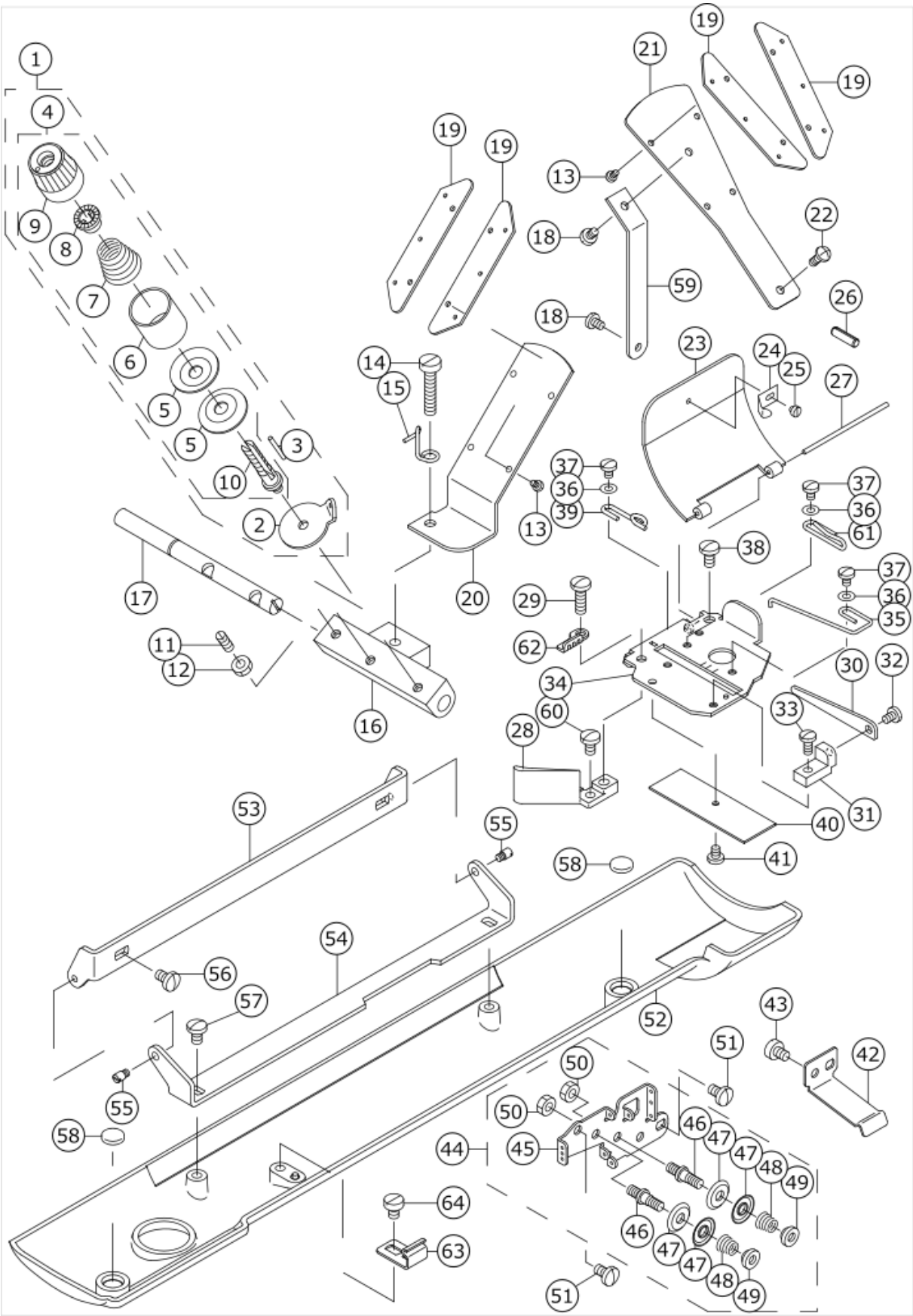
FRAME & MISCELLANEOUS COVER COMPONENTS



No.	品番	品名	備考	子部品	消耗品	個数
1	12920955	FACE PLATE ASM.				1.00
2	SS4120915SP	SCREW 3/16-28 L=9				3.00
3	12921003	FACE PLATE GASKET				1.00
4	TA1250406R0	RUBBER PLUG D=12.5 L=4				1.00
5	TA1250406R0	RUBBER PLUG D=12.5 L=4				2.00
6	12951000	SPROCKET WHEEL COVER				1.00
7	12939104	LOPPER THREAD TUBE A				1.00
8	SS6122030SP	SCREW 3/16-28 L=20				6.00
9	12921201	SPROCKET WHEEL AUXILIARY COVER	FOR EXCEPT V0			1.00
10	12921409	SPROCKET WHEEL COVER PLATE				1.00
11	B1219019000	TIMING BELT				1.00
12	SS7151210SP	SCREW 15/64-28 L=12				2.00
13	SS4090815SP	SCREW 9/64-40 L=8				3.00
14	B1156019000	RUBBER CUSHION, C				1.00
15	B1157019000	LOOPER THREAD TUBE (C)				1.00
16	B11600190AA	LOOPER COVER ASM.RIGHT				1.00
17	12925608	FRAME THREAD GUIDE,NEEDLE	FOR MS-1190			1.00
18	SS3090610SP	SCREW 9/64-40 L=6				1.00
19	12922704	CHAIN CUTTER BLADE				1.00
20	SS3060410SP	SCREW 3/32-56 L=4				2.00
21	B11620190AA	LOOPER COVER ASM.LEFT				1.00
22	B1805019000	FRONT BUSHING COVER				1.00
23	SS5090610SP	SCREW 9/64-40 L=6				4.00
24	B1806019000	GASKET				1.00
25	12922357	BED COVER ASM.				1.00
26	12922506	BED COVER GASKET				1.00
27	SS7740740SP	SCREW 3/8-28 L= 6.5				2.00
28	RO068190100	RUBBER RING				2.00
29	SS5110810SP	SCREW 11/64-40 L=8				11.00
30	12932158	PUSH BUTTON GUIDE ASM.				1.00
31	12932000	PUSH BUTTON STUD		*		1.00
32	12932109	PUSH BUTTON GUIDE		*		1.00
33	B1622541000	SPRING		*		1.00
34	RO040100210	O-RING		*		1.00
35	RE0400000K0	E-RING 4		*		1.00
36	B1806019000	GASKET				1.00
37	SS7111120SP	SCREW 11/64-40 L=10.5				3.00
38	B11041910AA	BELT COVER ASM.				1.00
39	B1104191A0A	BELT COVER		*		1.00
40	B1104191A0B	TOP COVER		*		1.00
41	B1104191A0C	BELT COVER PLATE		*		1.00
42	SS6110480SP	SCREW 11/64-40 L=4.3		*		10.00
43	CM500300001	DIRECTION LABEL		*		1.00
44	SS7151210SP	SCREW 15/64-28 L=12				4.00
45	SS9284043CP	SCREW 7/16-16 L=40				2.00
46	PS0200082KH	SPRING PIN				1.00
47	B3512191000	FELT				1.00
48	SS7110710SP	SCREW 11/64-40 L=7				2.00
49	B1165026000	TENSION RELEASE LEVER	FOR MS-1190M			1.00
50	SS7090710SP	SCREW 9/64-40 L= 6.8	FOR MS-1190M			1.00

51	B1130051000	FRAME THREAD GUIDE, MIDDLE	FOR MS-1190M			1.00
52	12920807	NEEDLE DISPLAY SHEEL				1.00
53	B1124804000	THREAD GUIDE, SMALL				4.00
54	12921607	RUBBER PLUG				1.00
55	12923207	TENSION COVER				1.00
56	SS4110815SP	SCREW 11/64-40 L=8				2.00
57	12934303	BRACKET	FOR MS-1190			1.00
58	WP0371016SD	WASHER 3.7X8X1	FOR MS-1190			2.00
59	SS7090710SP	SCREW 9/64-40 L= 6.8	FOR MS-1190			2.00
60	12934402	THREAD TAKE UP GUIDE	FOR MS-1190			1.00
61	WP0320501SE	WASHER 3,2X7,0X0,5	FOR MS-1190			2.00
62	SS6080410SP	SCREW 1/8-44 L=4	FOR MS-1190			2.00
63	10704203	OIL POT WINDOW				1.00
64	TA0850604R0	RUBBER PLUG				1.00
65	SS5820540SP	SCREW 1/2-28 L=5.0				1.00
66	B1140019000	GASKET				1.00
67	22920607	ARM THREAD GUIDE B				1.00
68	SS7110710SP	SCREW 11/64-40 L=7				1.00
69	12940102	LOOPER THREAD GUIDE PLATE				1.00
70	TA1600406R0	PLUG				1.00
71	CM301200002	SAFETY LABEL_L				1.00
72	CM300200001	ATTENTION SEAL				1.00
73	22901805	GROUND MARK				1.00
74	12943700	BELT GUARD INSTALLING BASE				1.00
75	WP0370316SD	WASHER 3.7X8X0.3				3.00
76	40060166	LABEL				1.00

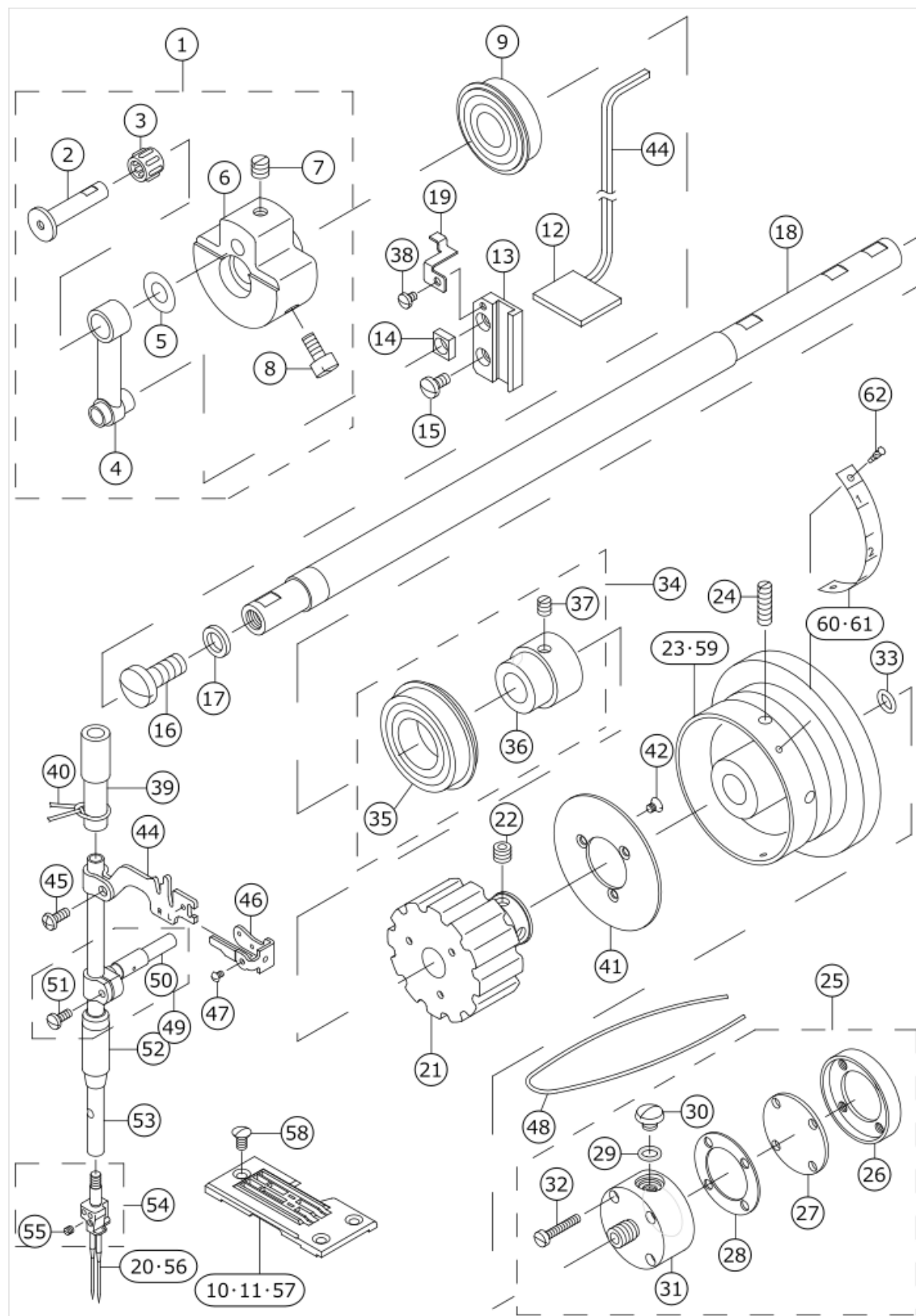
LOOPER THREAD GUIDE COMPONENTS



No.	品番	品名	備考	子部品	消耗品	個数
1	40219374	THREAD_TENSION_ASM_B				2.00
2	40085675	TENSION THREAD GUDE		*		1.00
3	B2310019000	TENSION RELEASING PIN		*		1.00
4	40213062	THREAD_TENSION_ASM		*		1.00
5	22921506	THREAD TENSION DISK		*		2.00
6	13137609	THREAD TENSION DISK PRESSER		*		1.00
7	12938304	TENSION SPRING		*		1.00
8	13137906	SPRING BUSHING		*		1.00
9	13137708	THREAD TENSION KNOB, RED		*		1.00
10	40085671	TENSION POST		*		1.00
11	SS8111160SP	SCREW 11/64-40 L=11.0				1.00
12	NS6110310SP	NUT 11/64-40				1.00
13	SS5060410SP	SCREW 3/32-56 L=3.5				8.00
14	SS6122510SP	SCREW 3/16-28 L=25				1.00
15	12939302	THREAD EYELET				1.00
16	40085672	TENSION STUD BUSHING				1.00
17	12937900	TENSION RELEASE SHAFT				1.00
18	SS7090520SP	SCREW 9/64-40 L= 4.5				2.00
19	B2402019000	THREAD GUIDE				4.00
20	12939203	THREAD GUIDE MOUNTING BRACKET				1.00
21	12938908	THREAD GUIDE BRACKET				1.00
22	SS4090815SP	SCREW 9/64-40 L=8				1.00
23	12936803	LOOPER THREAD TAKE-UP COVER				1.00
24	B2208019000	LOOPER THREAD TAKE-UP COVER SP				1.00
25	SS6060210SP	SCREW 3/32-56 L= 1.9				1.00
26	PS0500202KP	SPRING PIN 5X20				1.00
27	12936902	LOOPER THREAD TAKE-UP PIN				1.00
28	12936506	STRIPPER PLATE BRACKET				1.00
29	SS7111410SP	SCREW 11/64-40 L=14				1.00
30	12935706	CAM HOLDER				1.00
31	12935607	CAM HOLDER BRACKET				1.00
32	SS7090530SP	SCREW 9/64-40 L= 4.5				1.00
33	SS7090850SP	SCREW 9/64-40 L=8				1.00
34	12935516	TENSION TAKE-UP STRIPPER PLATE				1.00
35	12935904	LOOPER THREAD GUIDE				1.00
36	WP0371016SD	WASHER 3.7X8X1				3.00
37	SS7090530SP	SCREW 9/64-40 L= 4.5				3.00
38	SS7110840SP	SCREW 11/64-40 L=7.8				1.00
39	12936100	LOOPER THREAD GUIDE A				1.00
40	12936217	FELT				1.00
41	SS5090420SP	SCREW 9/64-40 L=3.5				1.00
42	12922803	COVER SPRING				1.00
43	SS6110610TP	SCREW 11/64-40 L=6				2.00
44	12939559	TENSION POST ASM.				1.00
45	12939500	TENSION BASE PLATE		*		1.00
46	12939609	TENSION POST		*		2.00
47	12939708	TENSION DISC		*		4.00
48	12939807	TENSION SPRING		*		2.00
49	12939906	TENSION NUT		*		2.00
50	NS6110350SP	NUT 11/64-40		*		2.00

51	SS7110710SP	SCREW 11/64-40 L=7				2.00
52	12921805	LOOPER THREAD TUBE COVER				1.00
53	12921904	LOOPER THREAD TUBE COVER HING				1.00
54	12922001	LOOPER THREAD TUBE COVER HING				1.00
55	B1534816000	HINGE SCREW				2.00
56	SS7110840SP	SCREW 11/64-40 L=7.8				2.00
57	SS7110840SP	SCREW 11/64-40 L=7.8				2.00
58	40038331	VIBRATION-PROOF RUBBER				2.00
59	12939005	THREAD GUIDE BRACKET SUPPORT				1.00
60	SS7110710SP	SCREW 11/64-40 L=7				1.00
61	12936001	LOOPER THREAD GUIDE				1.00
62	12935805	LOOPER THREAD GUIDE				1.00
63	12922100	COVER HOOK				1.00
64	SS6110610TP	SCREW 11/64-40 L=6				1.00

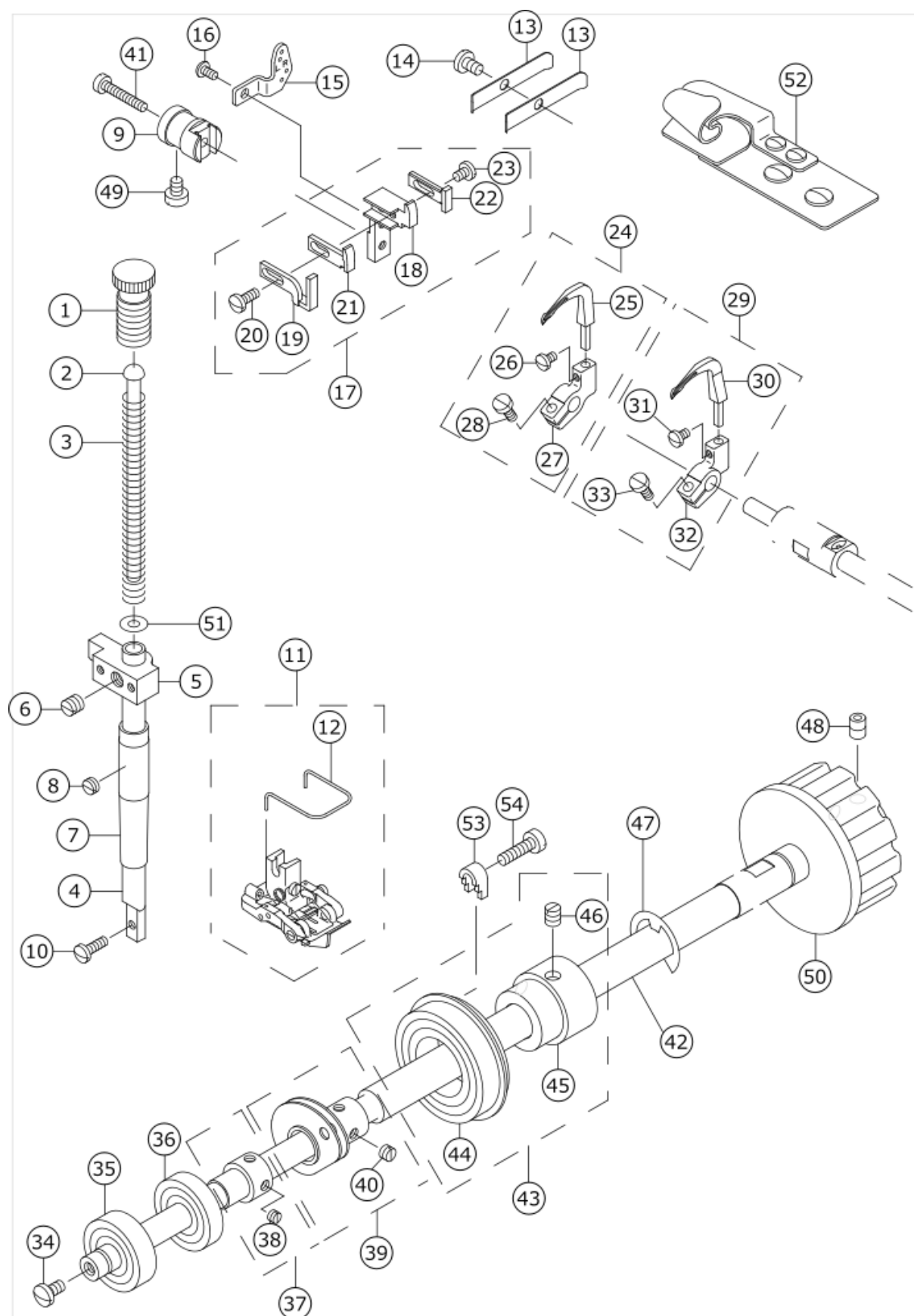
NEEDLE BAR & MAIN SHAFT COMPONENTS



No.	品番	品名	備考	子部品	消耗品	個数
1	B1207191AB0	COUNTERWEIGHT ASM.				1.00
2	B12090190A0	NEEDLE BAR CRANK PIN ASM.		*		1.00
3	B1236125BA0	NEEDLE_ROLLER_BEARING_ASM.	SELECTIVE PARTS	*		1.00
4	B1408038000	NEEDLE BAR CRANK ROD, B		*		1.00
5	B1208019000	WASHER		*		1.00
6	B1207191A00	COUNTERWEIGHT		*		1.00
7	SS8660610TP	SCREW 1/4-40 L=6		*		2.00
8	SS6151220SP	SCREW 15/64-28 L=11.5		*		2.00
9	B1202512000	MAIN SHAFT BUSHING, FRONT				1.00
10	12923306	THROAT PLATE 1/8	OPTION (FOR MS-1190)			1.00
11	12980900	THROAT PLATE 1/8	OPTION (FOR MS-1190M)			1.00
12	B3510019000	OIL FELT				1.00
13	B1412038000	SLIDE BLOCK GUIDE				1.00
14	B1411019000	SLIDE BLOCK GUIDE				1.00
15	SS7120910SP	SCREW 3/16-28 L=9				2.00
16	SS7740740SP	SCREW 3/8-28 L= 6.5				1.00
17	B1222019000	PACKING				1.00
18	12924502	MAIN SHAFT				1.00
19	12943106	OIL WICK PRESSER				1.00
20	MC263000800	NEEDLE B-64 80	SELECTIVE PARTS			2.00
21	12924916	SPROCKET WHEEL A				1.00
22	SS8660522TP	SCREW 1/4-40 L=4.5				2.00
23	12925202	HAND WHEEL	FOR MS-1190			1.00
24	SS8152030SP	SCREW 15/64-28 L=20				2.00
25	40026875	OIL CUP BODY ASM.				1.00
26	B3504019000	OIL CUP BODY CAP RETAINER		*		1.00
27	B3502019000	OIL CUP BODY CAP		*		1.00
28	B3503019000	OIL CUP BODY CAP GASKET		*		1.00
29	RO069180100	RUBBER RING		*		1.00
30	SS5660440SP	SCREW 1/4-40 L= 4.0		*		1.00
31	40026874	OIL CUP BODY		*		1.00
32	SS6092120SP	SCREW 9/64-40 L=21.2		*		4.00
33	RO098240100	RUBBER RING				1.00
34	12924767	BUSHING REAR ASM.				1.00
35	B1203512000	BUSHING, REAR		*		1.00
36	12924718	BUSHING		*		1.00
37	SS8150710SP	SCREW 15/64-28 L=7		*		2.00
38	SS7090530SP	SCREW 9/64-40 L= 4.5				1.00
39	B1402019000	NEEDLE BAR BUSHING, UPPER				1.00
40	CQ303000000	OIL WICK				0.23
41	12925004	PULLEY PLATE				1.00
42	SS1090510SP	SCREW 9/64-40 L=5				3.00
43	B3541012000	OIL WICK				1.00
44	12934014	TAKE UP TENSION				1.00
45	SM5041055SN	SCREW M4X10				1.00
46	12934105	TAKE UP THREAD EYELET				1.00

47	SS3060410SP	SCREW 3/32-56 L=4				1.00
48	CQ252000000	OIL WICK				1.00
49	B14090190B0	NEEDLE BAR CLAMP ASM.				1.00
50	B1418019000	FELT		*		1.00
51	SS7090910SP	SCREW 9/64-40 L= 8.5		*		1.00
52	B1404026000	NEEDLE BAR BUSHING, LOWER				1.00
53	B1401019000	NEEDLE BAR				1.00
54	12925954	NEEDLE CLAMP 3/16 ASM.	REFER TO THE T ABLE OF EXCHAN GING PARTS ON P.15			1.00
55	SS8080310TP	SCREW 1/8-44 L=2.8		*		2.00
56	MTV640N1200	NEEDLE TVX64-NY#12	SELECTIVE PARTS			2.00
57	12923405	THROAT PLATE(3/16)	REFER TO THE T ABLE OF EXCHAN GING PARTS ON P.15			1.00
58	SS2110920TP	SCREW 11/64-40 L=8.5				3.00
59	12981502	HAND WHEEL	FOR MS-1190M			1.00
60	12925301	SCALE PLATE	FOR MS-1190			1.00
61	12981601	SCALE PLATE	FOR MS-1190M			1.00
62	B1161227000	RIVET				2.00

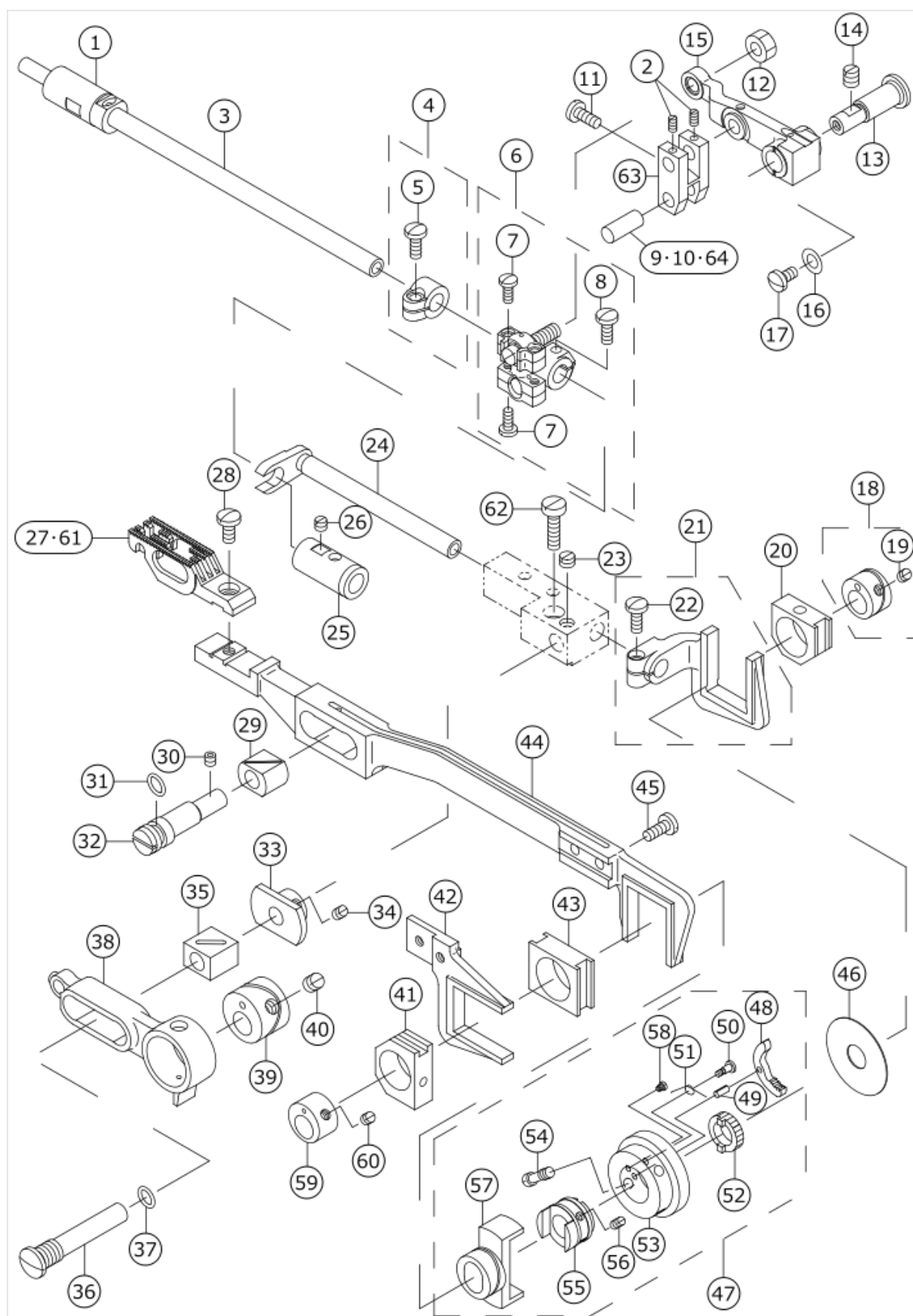
PRESSER BAR & LOWER SHAFT COMPONENTS



No.	品番	品名	備考	子部品	消耗品	個数
1	B1509191000	PRESSER SPRING REGULATOR				1.00
2	B1510191000	PRESSER GUIDE BAR				1.00
3	B1505191000	PRESSER SPRING				1.00
4	B1501191000A	PRESSER BAR				1.00
5	22907208	PRESSER BAR GUIDE BRACKET				1.00
6	SS8660610TP	SCREW 1/4-40 L=6				1.00
7	22907109	PRESSER BAR BUSHING, LOWER				1.00
8	SS8150310SP	SCREW 15/64-28 L= 3.4				1.00
9	12942801	NEEDLE GUARD HOLDER				1.00
10	SS7091110TP	SCREW 9/64-40 L=10.5				1.00
11	12927760	PRESSER FOOT ASM. 3/16	REFER TO THE TABLE OF EXCHANGING PARTS ON P.15			1.00
12	12929600	NEEDLE GUARD		*		1.00
13	B1166019000	LOOPER COVER SPRING				2.00
14	SS7110710SP	SCREW 11/64-40 L=7				1.00
15	12942900	LOOPER THREAD EYELET				1.00
16	SS6090510TP	SCREW 9/64-40 L= 5.0				1.00
17	12942355	NEEDLE GUARD ASM.				1.00
18	12942306	REAR NEEDLE HOLDER,R		*		1.00
19	12942603	FRONT NEEDLE HOLDER,L		*		1.00
20	SS7090910SP	SCREW 9/64-40 L= 8.5		*		1.00
21	12942504	REAR NEEDLE HOLDER,L		*		1.00
22	12942405	NEEDLE GUARD, RIGHT		*		1.00
23	SS7090520SP	SCREW 9/64-40 L= 4.5		*		1.00
24	12940557	LOOPER,R 3/16 ASM.	REFER TO THE TABLE OF EXCHANGING PARTS ON P.15			1.00
25	12940508	LOOPER,R 3/16	REFER TO THE TABLE OF EXCHANGING PARTS ON P.15	*		1.00
26	SS4080620TP	SCREW 1/8-44 L=6		*		1.00
27	12941100	LOOPER HOLDER,1		*		1.00
28	SS7090910TP	SCREW 9/64-40 L= 8.5		*		1.00
29	12941456	LOOPER,L3/16 ASM.	REFER TO THE TABLE OF EXCHANGING PARTS ON P.15			1.00
30	12941407	LOOPER,L 3/16	REFER TO THE TABLE OF EXCHANGING PARTS ON P.15	*		1.00
31	SS4080620TP	SCREW 1/8-44 L=6		*		1.00
32	12942009	LOOPER HOLDER,2		*		1.00
33	SS7090910TP	SCREW 9/64-40 L= 8.5		*		1.00
34	SS7110830SP	SCREW 11/64-40 L= 7.5				1.00
35	B1802019000	BALL BEARING, FRONT				1.00

36	B1803019000	BALL BEARING, INTERMEDIATE				1.00
37	B18080190A0	SLEEVE ASM.				1.00
38	SS8110310SP	SCREW 11/64-40 L= 2.8		*		2.00
39	12937256	LOOPER THREAD CAM ASM.				1.00
40	SS8110310SP	SCREW 11/64-40 L= 2.8		*		2.00
41	SS6091210TP	SCREW 9/64-40 L=12				1.00
42	12933610	HOOK DRIVING SHAFT				1.00
43	12924767	BUSHING REAR ASM.				1.00
44	B1203512000	BUSHING, REAR		*		1.00
45	12924718	BUSHING		*		1.00
46	SS8150710SP	SCREW 15/64-28 L=7		*		2.00
47	RE1200000K0	E-RING 12				1.00
48	SS8150822TP	SCREW 15/64-28 L=8				2.00
49	SS6110610TP	SCREW 11/64-40 L=6				1.00
50	12933719	SPROCKET WHEEL B				1.00
51	WP0550800SP	WASHER 5.5X10X0.8				1.00
52	MAM2950CCAA	HOLDER 3/16A	REFER TO THE T ABLE OF EXCHAN GING PARTS ON P.15			1.00
53	12924809	METAL PRESSER				3.00
54	SS6111610SP	SCREW 11/64-40 L=16				3.00

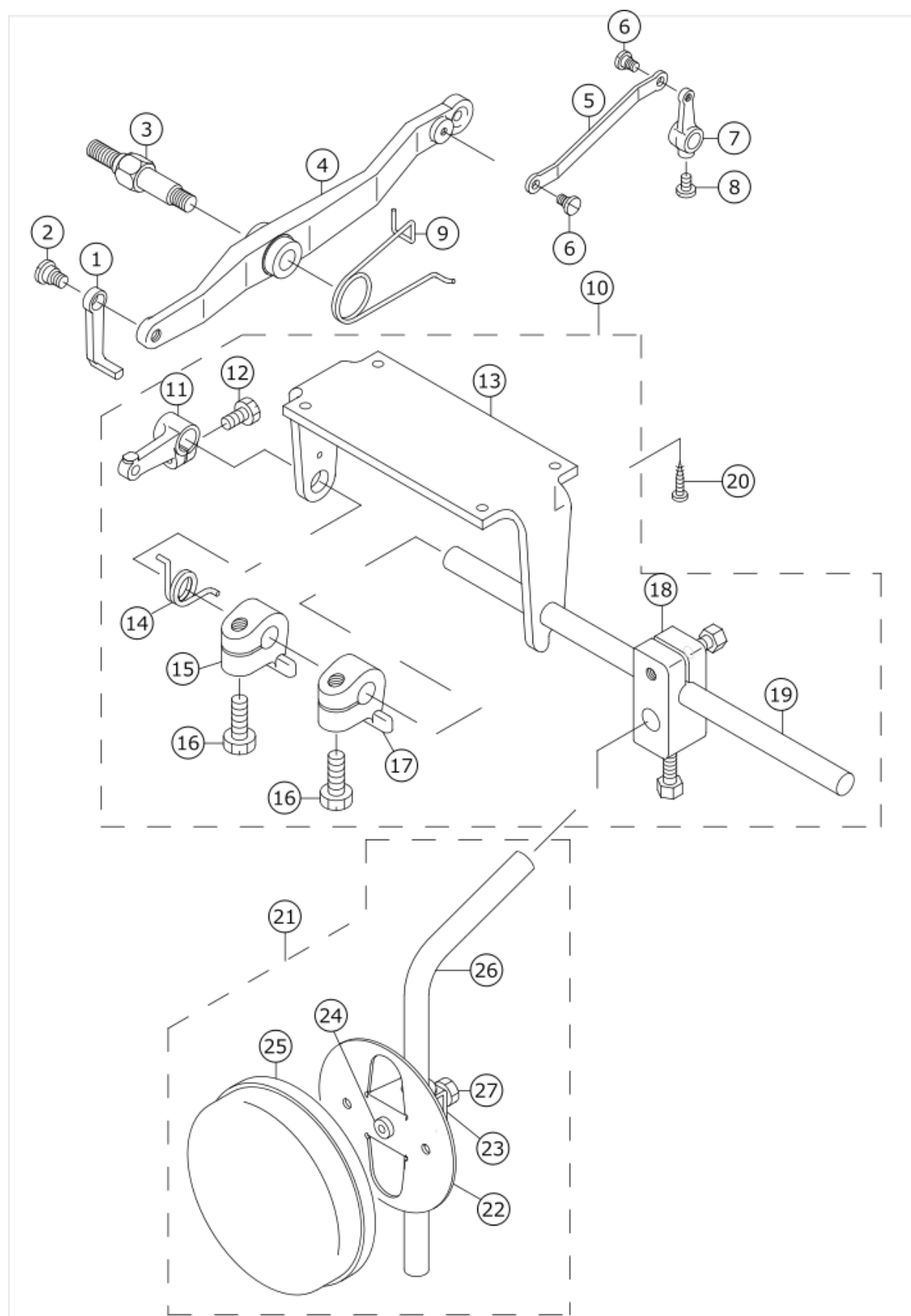
FEED MECHANISM COMPONENTS



No.	品番	品名	備考	子部品	消耗品	個数
1	B2502019000	BUSHING, FRONT				1.00
2	SS8080660TP	SCREW 1/8-44 L=5.5				2.00
3	B2501019000	LOOPER ROCKER SHAFT				1.00
4	B25050190A0	CONNECTION CRANK ASM.				1.00
5	SS7111110TP	SCREW 11/64-40 L=10.5		*		1.00
6	B21090190A0	FEED ROCKER CONNECTING ROD ASM				1.00
7	SS7090920SP	SCREW 9/64-40 L= 8.5		*		4.00
8	SS7111110TP	SCREW 11/64-40 L=10.5		*		1.00
9	B211619100A	FEED CONNECTING LINK PIN	SELECTIVE PARTS			2.00
10	B211619100B	FEED CONNECTING LINK PIN	SELECTIVE PARTS			2.00
11	SS7080510TP	SCREW 1/8-44 L=4.5				2.00
12	NS6150310SP	NUT 15/64-28				1.00
13	B2107019000	FEED ROCKER SHAFT				1.00
14	SS8150710SP	SCREW 15/64-28 L=7				1.00
15	12935011	FEED ROCKER				1.00
16	40040608	PACKING				1.00
17	SS7110830SP	SCREW 11/64-40 L= 7.5				1.00
18	B20060190A0	LOOPER AVOIDING ECCENTRIC CAM				1.00
19	SS8110410TP	SCREW 11/64-40 L= 3.5		*		2.00
20	B1635191000	SLIDE BLOCK				1.00
21	B20041910A0	LOOPER AVOIDING SHAFT ASM.				1.00
22	SS7111110TP	SCREW 11/64-40 L=10.5		*		1.00
23	SS8150410SP	SCREW 15/64-28 L=4				1.00
24	B2001019000	LOOPER AVOIDING SHAFT				1.00
25	B2503019000	LOOPER ROCKER SHAFT BUSHING, R				1.00
26	SS8120410SP	SCREW 3/16-28 L=3.8				1.00
27	12932307	FEED DOG	REFER TO THE TABLE OF EXCHANGING PARTS ON P.15			1.00
28	SS7621040SP	SCREW 3/16-32 L= 9.5				1.00
29	B1610019000	SLIDE BLOCK				1.00
30	SS8110422TP	SCREW 11/64-40 L=4				1.00
31	RO061180100	RUBBER RING				1.00
32	B1608019000A	FEED BAR ECCENTRIC HINGE PIN				1.00
33	B2108019000	FEED ROCKER SLIDE BLOCK STOPPE				1.00
34	SS8110510SP	SCREW 11/64-40 L=5				2.00
35	B2105019000	FEED ROCKER SLIDE BLOCK				1.00
36	B2106019000	FEED ROCKER SLIDE BLOCK PIN				1.00
37	RO095200100	RUBBER RING				1.00
38	B2101191000A	LOOPER AVOID LEVER				1.00
39	12935102	FEED ROCKER ECCENTRIC				1.00
40	SS8660610TP	SCREW 1/4-40 L=6				2.00
41	B1635191000	SLIDE BLOCK				1.00
42	B1602019000	FEED LIFTING FORKED CONNECTION				1.00
43	B1606191000	FEED ECCENTRIC SLIDE BLOCK				1.00
44	B1601019000	FEED BAR				1.00
45	SS7111110TP	SCREW 11/64-40 L=10.5				2.00

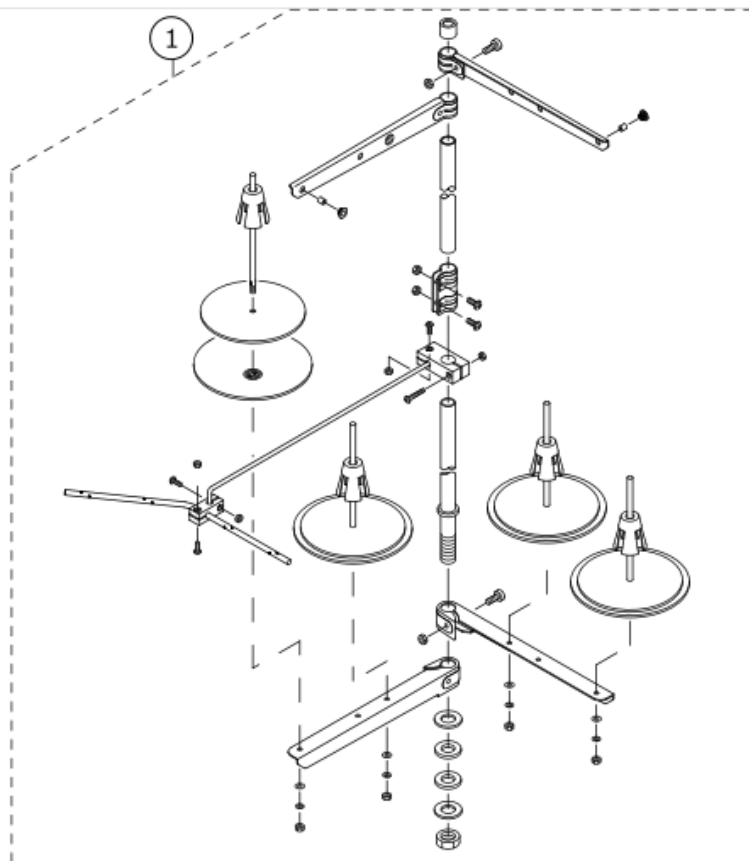
46	12931903	BODY CAP				1.00
47	12931465	FEED ECCENTRIC BASE ASM.				1.00
48	B1624191000	RATCHET PAWL		*		1.00
49	PS0250081K0	SPRING PIN 2.5X8		*		1.00
50	B1626191000	SCREW		*		1.00
51	B1625191000	RATCHET PAWL SPRING		*		1.00
52	B1623191000	RATCHET GEAR		*		1.00
53	12931408	FEED ECCENTRIC		*		1.00
54	12931606	SCREW		*		1.00
55	12931507	FEED ECCENTRIC BODY		*		1.00
56	SS8110410TP	SCREW 11/64-40 L= 3.5		*		2.00
57	B1621261000A	FEED ECCENTRIC GUIDE		*		1.00
58	12931705	SCREW		*		1.00
59	12931002	VERTICAL FEED CAM				1.00
60	SS8110410TP	SCREW 11/64-40 L= 3.5				2.00
61	12932208	FEED DOG 1/8	OPTION			1.00
62	SS6121840SP	SCREW 3/16-28 L=18				1.00
63	B2115191000	FEED ROCKER CONNECTING LINK				1.00
64	B2116191000	FEED CONNECTING LINK PIN	SELECTIVE PARTS			2.00

KNEE LIFTER COMPONENTS



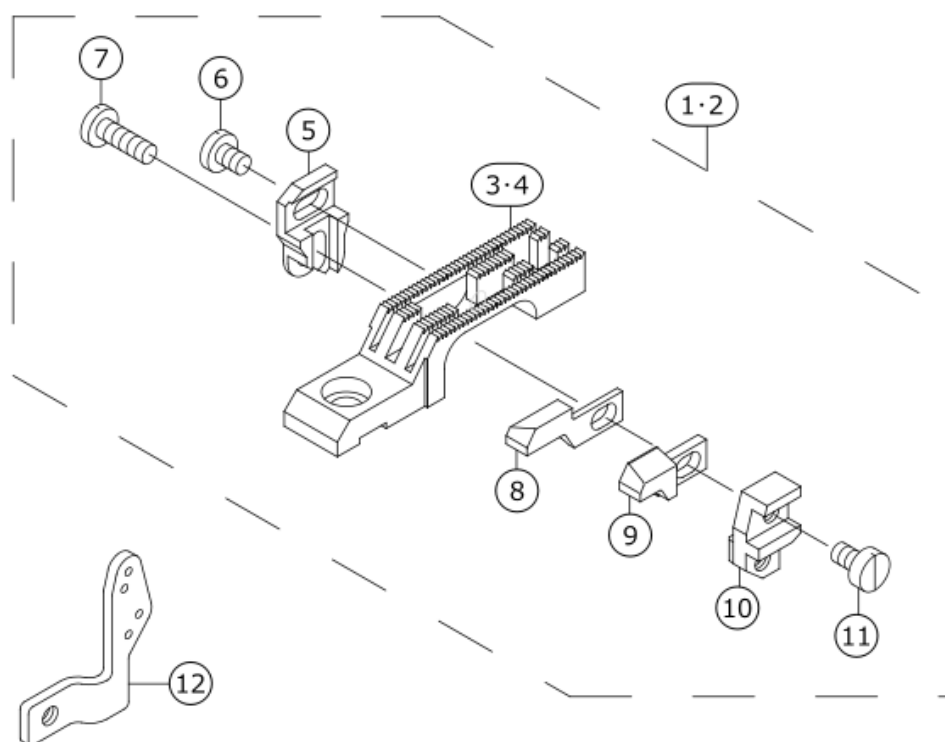
No.	品番	品名	備考	子部品	消耗品	個数
1	B2322019000	PRESSER BAR LIFTING BRACKET LI				1.00
2	SD0790431SP	HINGE SCREW D= 7.94 H= 4.3				1.00
3	B3701019000	HINGE SCREW				1.00
4	B231919100A	PRESSER BAR LIFTING LEVER				1.00
5	12938502	LEVER				1.00
6	SD0450211SP	HINGE SCREW D= 4.50 H= 2.1				2.00
7	B2317019000	TENSION RELEASING SHAFT CRANK				1.00
8	SS7110710SP	SCREW 11/64-40 L=7				1.00
9	B2321019000	PRESSER BAR LIFTING LEVER SPRI				1.00
10	B81011910A0	KNEE LIFTER ASM.				1.00
11	B8102191000	KNEE LIFTER LEVER		*		1.00
12	SS9151210TP	SCREW 15/64-28 L=11.8		*		1.00
13	B8101191000	KNEE DRIVING SHAFT MOUNTING		*		1.00
14	B8511180000	SPRING		*		1.00
15	12944906	SPRING HOOK		*		1.00
16	SS9182010TE	BOLT 9/32-20 L=20		*		2.00
17	12944906	SPRING HOOK		*		1.00
18	22932453	BRACKET ASM.		*		1.00
19	B3421012000	KNEE PRESS ROD		*		1.00
20	SK3482500SC	WOOD SCREW D=4.8 L=25				4.00
21	22934251	KNEE PAD PLATE ASM.				1.00
22	22934202	KNEE PAD PLATE		*		1.00
23	22934301	KNEE PAD PLATE SUPPORT		*		1.00
24	22934400	KNEE PAD PLATE RUBBER		*		1.00
25	22934509	KNEE PAD PLATE COVER		*		1.00
26	22934608	KNEE PAD UPRIGHT SHAFT		*		1.00
27	SM9061203SE	SCREW M6 L=12		*		1.00

THREAD STAND COMPONENTS



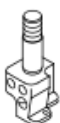
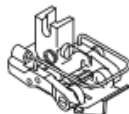
No.	品番	品名	備考	子部品	消耗品	個数
1	40106590	THREAD STAND ASM.				1.00

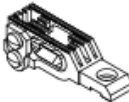
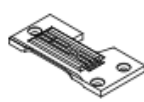
OPTIONAL PARTS COMPONENTS (FOR MS-1190)

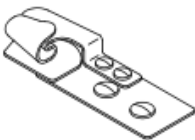


No.	品番	品名	備考	子部品	消耗品	個数
1	12932653	FEED DOG ASM.	SELECTIVE PARTS			1.00
2	12932752	FEED DOG ASM.,1/4.	SELECTIVE PARTS			1.00
3	12932604	FEED DOG	SELECTIVE PARTS	*		1.00
4	12932703	FEED DOG 1/4	SELECTIVE PARTS	*		1.00
5	12964409	NEEDLE HOLDER ADJUSTING BASE		*		1.00
6	SS7090510SP	SCREW 9/64-40 L= 4.6		*		1.00
7	SS7091110TP	SCREW 9/64-40 L=10.5		*		1.00
8	12978805	NEEDLE HOLDER (LEFT)		*		1.00
9	12978904	NEEDLE HOLDER (RIGHT)		*		1.00
10	12979001	NEEDLE HOLDER (B)		*		1.00
11	SS6090670TP	SCREW 9/64-40 L=6		*		1.00
12	12943007	LOOPER THREAD GUIDE.				1.00

TABLE OF EXCHANGING GAUGE (FOR MS-1190)

Description 品 名			Gauge set (with finger guard) ゲージセット (指ガード付)		Throat plate 針 板		Needle clamp asm. 針 留 (組)		Presser foot asm. (with finger guard) 押さえ (組) (指ガード付)		Feed dog 送 り 歯	
Needle gauge size 針 幅												
Code ゲージ 記 号												
	inch	mm	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No
B	1/8	3.2	①	12923561	⑥	12923504	⑫	12926051	⑱	12927869	㉔	12932307
C	5/32	4.0	②	12923660	⑦	12923603	⑬	12926150	⑲	12927968	㉕	12932307
D	3/16	4.8	③	12923462	⑧	12923405	⑭	12925954	⑳	12927760	㉖	12932307
E	7/32	5.6	④	12923769	⑨	12923702	⑮	12926259	㉑	12928065	㉗	12932307
F	1/4	6.4	⑤	12923868	⑩	12923801	⑯	12926358	㉒	12928164	㉘	12932406
H	5/16	7.9			⑪	12924007	⑰	12926457	㉓	12928354	㉙	12932802

Description 品 名			Looper asm. (L) ルーバ(L)(組)		Looper asm. (R) ルーバ(R)(組)		Feed dog asm. (with Removing) needle holder) 送り歯 (組) (移動針受付)		Looper needle guide (For Removing needle holder) ルーバ-糸案内 (移動針受用)		Throat plate (For chain off thread) 針 板 (空環対応用)		Feed (For chain off thread) 送 り (空環対応用)	
Needle gauge size 針 幅														
Code ゲージ 記 号	inch	mm	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No
	B	1/8	3.2	(30) 12941555	(36) 12940656	(58) 12932653	(63) 12943007	(68) 12923306	(69) 12932208					
	C	5/32	4.0	(31) 12941654	(37) 12940755	(59) 12932653	(64) 12943007							
	D	3/16	4.8	(32) 12941456	(38) 12940557	(60) 12932653	(65) 12943007							
	E	7/32	5.6	(33) 12941753	(39) 12940854	(61) 12932653	(66) 12943007							
	F	1/4	6.4	(34) 12941852	(40) 12940953	(62) 12932752	(67) 12943007							
	H	5/16	7.9	(35) 12941951	(41) 12941050									

Description 品 名		Lap seam folder asm. フォルダー(組)						
		M295		M296		M297		
Needle gauge size 針 幅								
Code ゲージ 記 号								
inch	mm							
B 1/8	3.2	(42)	MAM2950AAAA	(47)	MAM2960AAAA	(52)	MAM2970AAAA	
C 5/32	4.0	(43)	MAM2950BBAA	(48)	MAM2960BBAA	(53)	MAM2970BBAA	
D 3/16	4.8	(44)	MAM2950CCAA	(49)	MAM2960CCAA	(54)	MAM2970CCAA	
E 7/32	5.6	(45)	MAM2950DDAA	(50)	MAM2960DDAA	(55)	MAM2970DDAA	
F 1/4	6.4	(46)	MAM2950EEAA	(51)	MAM2960EEAA	(56)	MAM2970EEAA	
H 5/16	7.9					(57)	MAM2970GGAA	

Folder mark

M295-Extra light-weight

M296-Light-weight(MS-1190 Standard equipment)

M297-Medium-weight(MS-1190M Standard equipment)

The folder is not included in gauge set.

For code H,throat plate,presser foot and feed dog for MS-19 are used.

Also,exclusive needle guards(12943957)are necessary.

フォルダー記号

M295-極薄物用

M296-薄物用(MS-1190標準装備)

M297-中厚物用(MS-1190M標準装備)

フォルダーはゲージセットには含まれません。

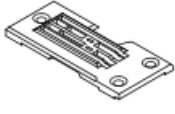
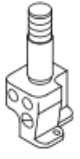
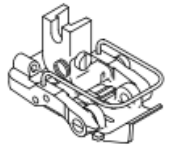
Hゲージは、針板・押え・送りがMS-19タイプとなります。

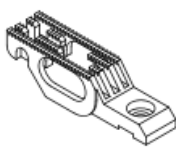
また、専用の針受12943957が必要です。

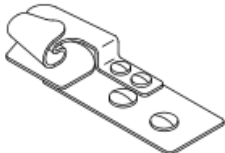
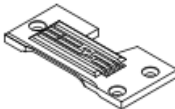
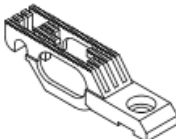
No.	品番	品名	備考	子部品	消耗品	個数
1	12923561	GAUGE PARTS SET 1/8				1.00
2	12923660	GAUGE PARTS SET 5/32				1.00
3	12923462	GAUGE PARTS SET 3/16				1.00
4	12923769	GAUGE PARTS SET 7/32				1.00
5	12923868	GAUGE PARTS SET 1/4				1.00
6	12923504	THROAT PLATE 1/8				1.00
7	12923603	THROAT PLATE 5/32				1.00
8	12923405	THROAT PLATE(3/16)				1.00
9	12923702	THROAT PLATE 7/32				1.00
10	12923801	THROAT PLATE 1/4				1.00
11	12924007	THROAT PLATE 5/16				1.00
12	12926051	NEEDLE CLAMP 1/8 ASM.				1.00
13	12926150	NEEDLE CLAMP 5/32 ASM.				1.00
14	12925954	NEEDLE CLAMP 3/16 ASM.				1.00
15	12926259	NEEDLE CLAMP 7/32 ASM.				1.00
16	12926358	NEEDLE CLAMP 1/4 ASM.				1.00
17	12926457	NEEDLE CLAMP ASM. 5/16				1.00
18	12927869	PRESSER FOOT ASM. 1/8				1.00
19	12927968	PRESSER FOOT ASM. 5/32				1.00
20	12927760	PRESSER FOOT ASM. 3/16				1.00
21	12928065	PRESSER FOOT ASM. 7/32				1.00
22	12928164	PRESSER FOOT ASM. 1/4				1.00
23	12928354	PRESSER ASM., 5/16				1.00
24	12932307	FEED DOG				1.00
25	12932307	FEED DOG				1.00
26	12932307	FEED DOG				1.00
27	12932307	FEED DOG				1.00
28	12932406	FEED DOG 1/4				1.00
29	12932802	FEED DOG 5/16				1.00
30	12941555	LOOPER,L 1/8 ASM.				1.00
31	12941654	LOOPER,L 5/32 ASM.				1.00
32	12941456	LOOPER,L3/16 ASM.				1.00
33	12941753	LOOPER,L 7/32 ASM.				1.00
34	12941852	LOOPER,L 1/4 ASM.				1.00
35	12941951	LOOPER (L) ASM. 5/16				1.00
36	12940656	LOOPER,R 1/8 ASM.				1.00
37	12940755	LOOPER,R 5/32 ASM.				1.00
38	12940557	LOOPER,R 3/16 ASM.				1.00
39	12940854	LOOPER,R 7/32 ASM.				1.00
40	12940953	LOOPER,R 1/4 ASM.				1.00
41	12941050	LOOPER (R) ASM. 5/16				1.00
42	MAM2950AAAA	HOLDER 1/8A				1.00
43	MAM2950BBAA	HOLDER 5/32A				1.00
44	MAM2950CCAA	HOLDER 3/16A				1.00
45	MAM2950DDAA	HOLDER 7/32A				1.00
46	MAM2950EEAA	HOLDER 1/4A				1.00
47	MAM2960AAAA	HOLDER 1/8M				1.00
48	MAM2960BBAA	HOLDER 5/32M				1.00
49	MAM2960CCAA	HOLDER 3/16M				1.00
50	MAM2960DDAA	HOLDER 7/32M				1.00

51	MAM2960EEAA	HOLDER 1/4M				1.00
52	MAM2970AAAA	HOLDER 1/8MH				1.00
53	MAM2970BBAA	HOLDER 5/32MH				1.00
54	MAM2970CCAA	HOLDER 3/16MH				1.00
55	MAM2970DDAA	HOLDER 7/32MH				1.00
56	MAM2970EEAA	HOLDER 1/4MH				1.00
57	MAM2970GGAA	HOLDER ASM. 5/16MH				1.00
58	12932653	FEED DOG ASM.				1.00
59	12932653	FEED DOG ASM.				1.00
60	12932653	FEED DOG ASM.				1.00
61	12932653	FEED DOG ASM.				1.00
62	12932752	FEED DOG ASM.,1/4.				1.00
63	12943007	LOOPER THREAD GUIDE.				1.00
64	12943007	LOOPER THREAD GUIDE.				1.00
65	12943007	LOOPER THREAD GUIDE.				1.00
66	12943007	LOOPER THREAD GUIDE.				1.00
67	12943007	LOOPER THREAD GUIDE.				1.00
68	12923306	THROAT PLATE 1/8				1.00
69	12932208	FEED DOG 1/8				1.00

TABLE OF EXCHANGING GAUGE (FOR MS-1190M)

Description 品 名			Gauge set (with finger guard) ゲージセット (指ガード付)		Throat plate 針 板		Needle clamp asm. 針 留 (組)		Presser foot asm. (with finger guard) 押さえ (組) (指ガード付)	
Needle gauge size 針 幅										
Code ゲージ 記 号										
	inch	mm	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No
B	1/8	3.2	①	12980561	⑥	12980504	⑪	12926051	⑯	12982666
C	5/32	4.0	②	12980660	⑦	12980603	⑫	12926150	⑰	12982765
D	3/16	4.8	③	12980462	⑧	12980405	⑬	12925954	⑱	12982567
E	7/32	5.6	④	12980769	⑨	12980702	⑭	12926259	⑲	12982864
F	1/4	6.4	⑤	12980868	⑩	12980801	⑮	12926358	⑳	12982963

Description 品 名			Feed dog 送 り 歯		Looper asm. (L) ルーバ(L)(組)		Looper asm. (R) ルーバ(R)(組)	
Needle gauge size 針 幅								
Code ゲージ 記 号								
	inch	mm	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No
B	1/8	3.2	(21)	12983508	(26)	12941555	(31)	12940656
C	5/32	4.0	(22)	12983508	(27)	12941654	(32)	12940755
D	3/16	4.8	(23)	12983508	(28)	12941456	(33)	12940557
E	7/32	5.6	(24)	12983508	(29)	12941753	(34)	12940854
F	1/4	6.4	(25)	12983607	(30)	12941852	(35)	12940953

Description 品 名			Lap seam folder asm. フォルダー (組)				Throat plate (For chain off thread) 針 板 (空環対応用)		Feed (For chain off thread) 送り歯 (空環対応用)	
			M296		M297					
Needle gauge size 針 幅										
Code ゲージ 記 号										
	inch	mm	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No	Fef.No	Part No
B	1/8	3.2	(36)	MAM2960AAAA	(41)	MAM2970AAAA	(46)	12980900	(47)	12983706
C	5/32	4.0	(37)	MAM2960BBAA	(42)	MAM2970BBAA				
D	3/16	4.8	(38)	MAM2960CCAA	(43)	MAM2970CCAA				
E	7/32	5.6	(39)	MAM2960DDAA	(44)	MAM2970DDAA				
F	1/4	6.4	(40)	MAM2960EEAA	(45)	MAM2970EEAA				

Folder mark

フォルダー記号

M296 - Light-weight (MS-1190 Standard equipment)

薄物用(MS-1190標準装備)

M297 - Medium-weight (MS-1190M Standard equipment)

中厚物用(MS-1190M 標準装備)

The folder is not included in gauge set.

フォルダーはゲージセットには含まれません。

No.	品番	品名	備考	子部品	消耗品	個数
1	12980561	GAUGE PARTS SET 1/8				1.00
2	12980660	GAUGE PARTS SET 5/32				1.00
3	12980462	GAUGE PARTS SET 3/16				1.00
4	12980769	GAUGE PARTS SET 7/32				1.00
5	12980868	GAUGE PARTS SET 1/4				1.00
6	12980504	THROAT PLATE 1/8M				1.00
7	12980603	THROAT PLATE 5/32M				1.00
8	12980405	THROAT PLATE 3/16M				1.00
9	12980702	THROAT PLATE (7/32M)				1.00
10	12980801	THROAT PLATE 1/4M				1.00
11	12926051	NEEDLE CLAMP 1/8 ASM.				1.00
12	12926150	NEEDLE CLAMP 5/32 ASM.				1.00
13	12925954	NEEDLE CLAMP 3/16 ASM.				1.00
14	12926259	NEEDLE CLAMP 7/32 ASM.				1.00
15	12926358	NEEDLE CLAMP 1/4 ASM.				1.00
16	12982666	PRESSER FOOT ASM. 1/8M				1.00
17	12982765	PRESSER 5/32M ASM. (EXPORT)				1.00
18	12982567	PRESSER FOOT ASM. 3/16M				1.00
19	12982864	PRESSER 7/32H ASM.				1.00
20	12982963	PRESSER FOOT ASM. 1/4M				1.00
21	12983508	FEED DOG M				1.00
22	12983508	FEED DOG M				1.00
23	12983508	FEED DOG M				1.00
24	12983508	FEED DOG M				1.00
25	12983607	FEED DOG 1/4M				1.00
26	12941555	LOOPER,L 1/8 ASM.				1.00
27	12941654	LOOPER,L 5/32 ASM.				1.00
28	12941456	LOOPER,L3/16 ASM.				1.00
29	12941753	LOOPER,L 7/32 ASM.				1.00
30	12941852	LOOPER,L 1/4 ASM.				1.00
31	12940656	LOOPER,R 1/8 ASM.				1.00
32	12940755	LOOPER,R 5/32 ASM.				1.00
33	12940557	LOOPER,R 3/16 ASM.				1.00
34	12940854	LOOPER,R 7/32 ASM.				1.00
35	12940953	LOOPER,R 1/4 ASM.				1.00
36	MAM2960AAAA	HOLDER 1/8M				1.00
37	MAM2960BBAA	HOLDER 5/32M				1.00
38	MAM2960CCAA	HOLDER 3/16M				1.00
39	MAM2960DDAA	HOLDER 7/32M				1.00
40	MAM2960EEAA	HOLDER 1/4M				1.00
41	MAM2970AAAA	HOLDER 1/8MH				1.00
42	MAM2970BBAA	HOLDER 5/32MH				1.00
43	MAM2970CCAA	HOLDER 3/16MH				1.00
44	MAM2970DDAA	HOLDER 7/32MH				1.00
45	MAM2970EEAA	HOLDER 1/4MH				1.00
46	12980900	THROAT PLATE 1/8M				1.00
47	12983706	FEED DOG 1/8M				1.00

LIST FOR INFORMATION OF CHANGE

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。

No.0935-09...Rev.No.

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

[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。