

MODEL : DDL-8700-7

List No : 1307-09

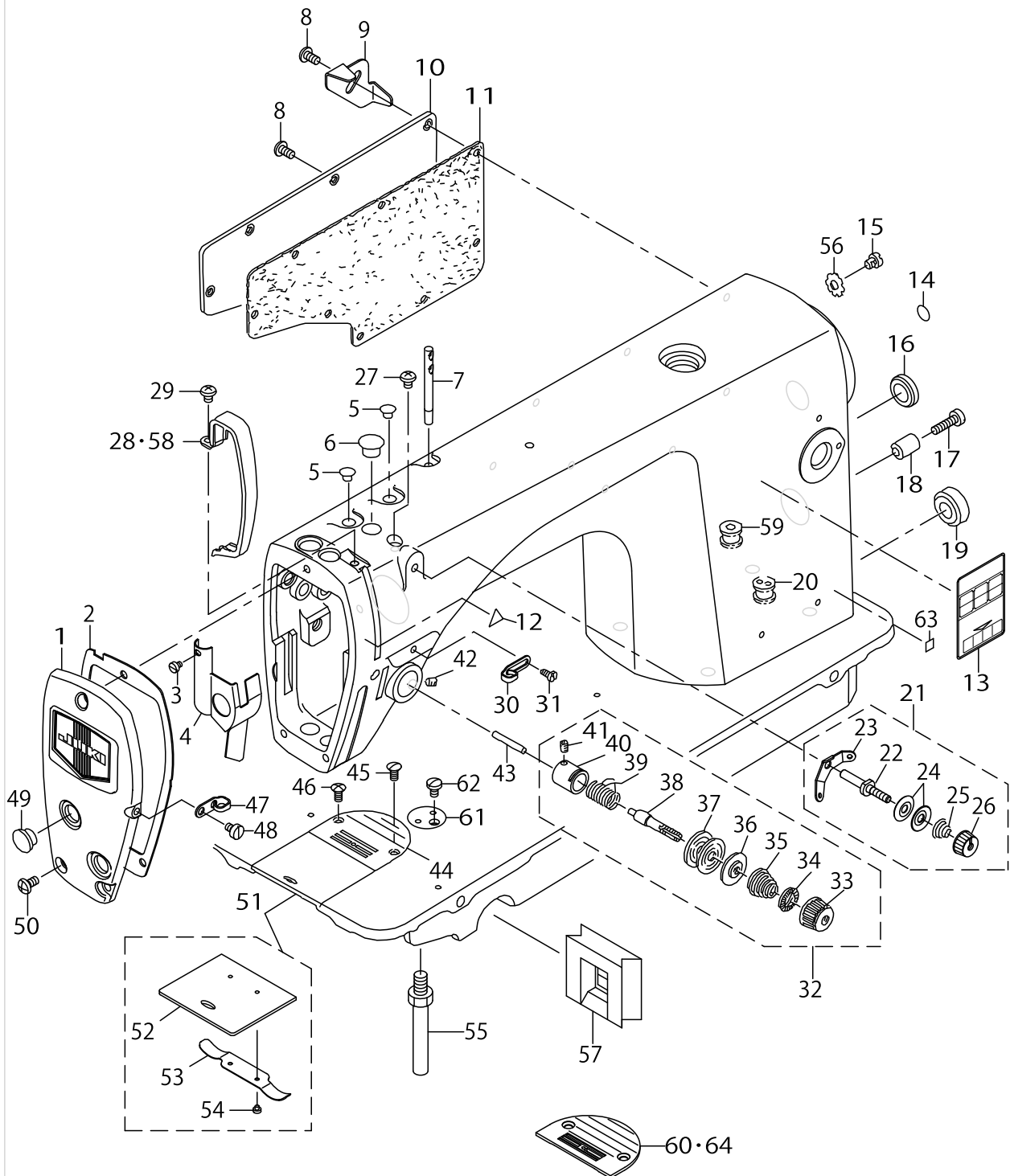
PARTS LIST

Published:05/07/2018

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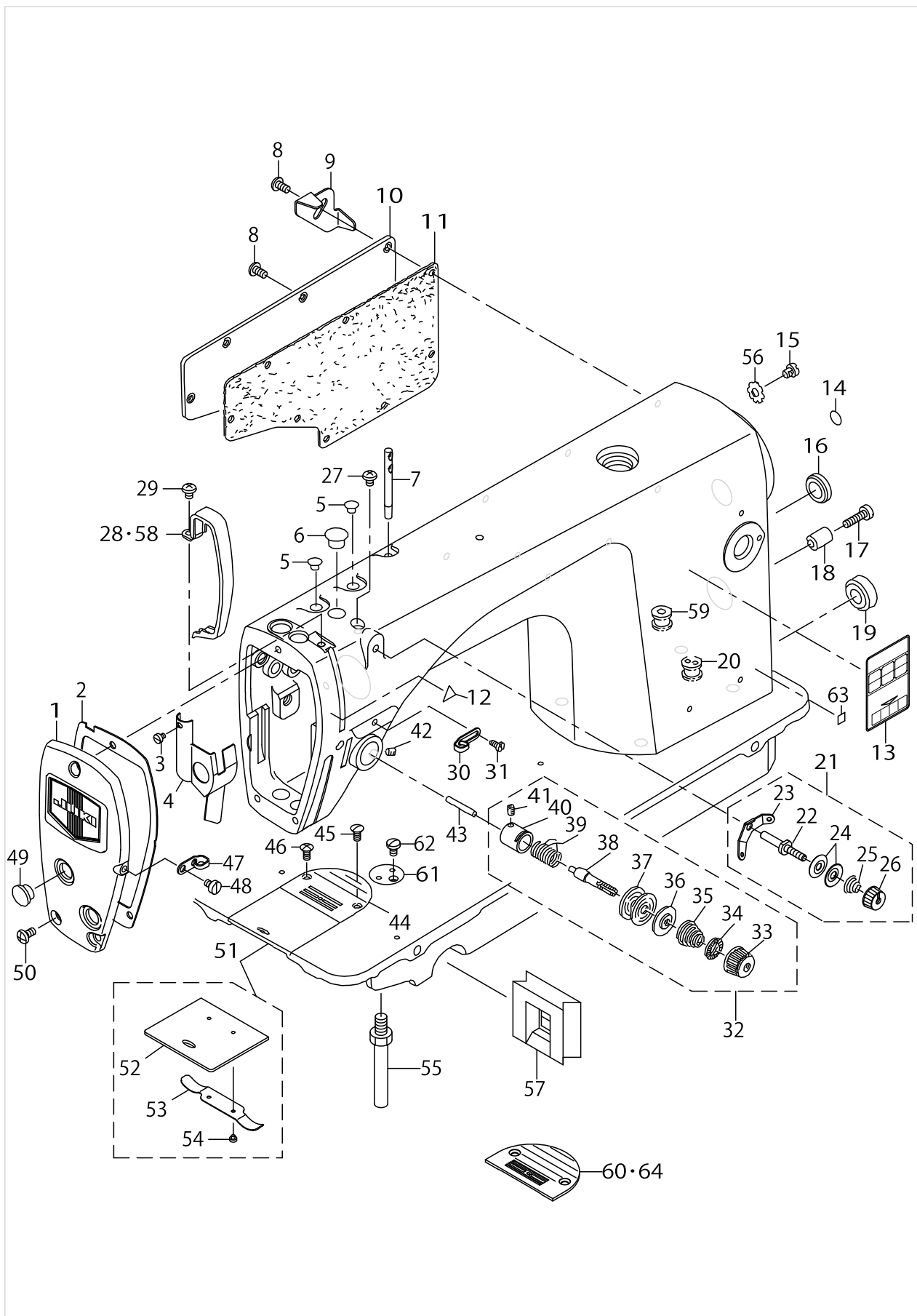
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	40102097	FACE_PLATE_ASM.				1
2	40012126	FACE PLATE PACKING				1
3	SS6080410SP	SCREW 1/8-44 L=4				1
4	22900757	ARM OIL SHIFLD ASM.				1
5	TA0850604R0	RUBBER PLUG				2
6	TA1250705R0	RUBBER PLUG				1
7	22958300	THREAD GUIDE ROD				1
8	SS4120925SP	SCREW 3/16-28 L=9				8
9	22954705	CORD HOLDER	EXCEPT DDL-8700-7-00			1
10	22900401	SIDE PLATE				1
11	40012129	SIDE PLATE PACKING				1
12	CM300200001	ATTENTION SEAL				1
13	CM301200001	SAFETY LABEL_S				1
14	22901805	GROUND MARK				1
15	SS4120615SP	SCREW 3/16-28 L=6				1
16	TA2000502R0	RUBBER PLUG				1
17	SS6121840SP	SCREW 3/16-28 L=18	FOR DDL-8700-7-0B,-WB			1
18	22952501	REVERSE FEED LEVER STOPPER	FOR DDL-8700-7-0B,-WB			1
19	TA2101002R0	RUBBER PLUG				1
20	40111022	MAGNET CORD RUBBER	FOR DDL-8700-7-0B,-WB			1
21	22945463	THREAD TENSION ASM.				1
22	22945414	THREAD TENSION POST		*		1
23	22945604	THREAD TENSION GUIDE		*		1
24	22945802	BOBBIN WINDER TENSION DISC		*		2
25	22945505	THREAD TENSION SPRING		*		1
26	22945703	THREAD TENSION NUT		*		1
27	SS4120615SP	SCREW 3/16-28 L=6				1
28	22900609	THREAD TAKE-UP LEVER COVER				1
29	SS4120615SP	SCREW 3/16-28 L=6				1
30	22920508	ARM THREAD GUIDE A				1
31	22921001	SCREW				1
32	22945356	THREAD TENSION ASM.				1
33	22921308	TENSION NUT		*		1
34	22921407	ROTATING STOPPER		*		1
35	22921704	TENSION SPRING A		*		1
36	22921803	THREAD TENSION DISK PRESSER		*		1
37	22921506	THREAD TENSION DISK		*		2
38	22921209	TENSION POST		*		1
39	22921605	TAKE-UP SPRING		*		1
40	22945307	TENSION POST SOCKET		*		1
41	SS8090670SP	SCREW 9/64-40 L=5.5		*		1
42	SS8150710TP	SCREW 15/64-28 L=7				1
43	B3118552E00	TENSION RELEASING				1
44	B1109012I0B	THROAT PLATE (I)	FOR JE			1
45	SS2110920TP	SCREW 11/64-40 L=8.5				1
46	SS2110915SP	SCREW 11/64-40 L=8.5				1
47	22920607	ARM THREAD GUIDE B				1

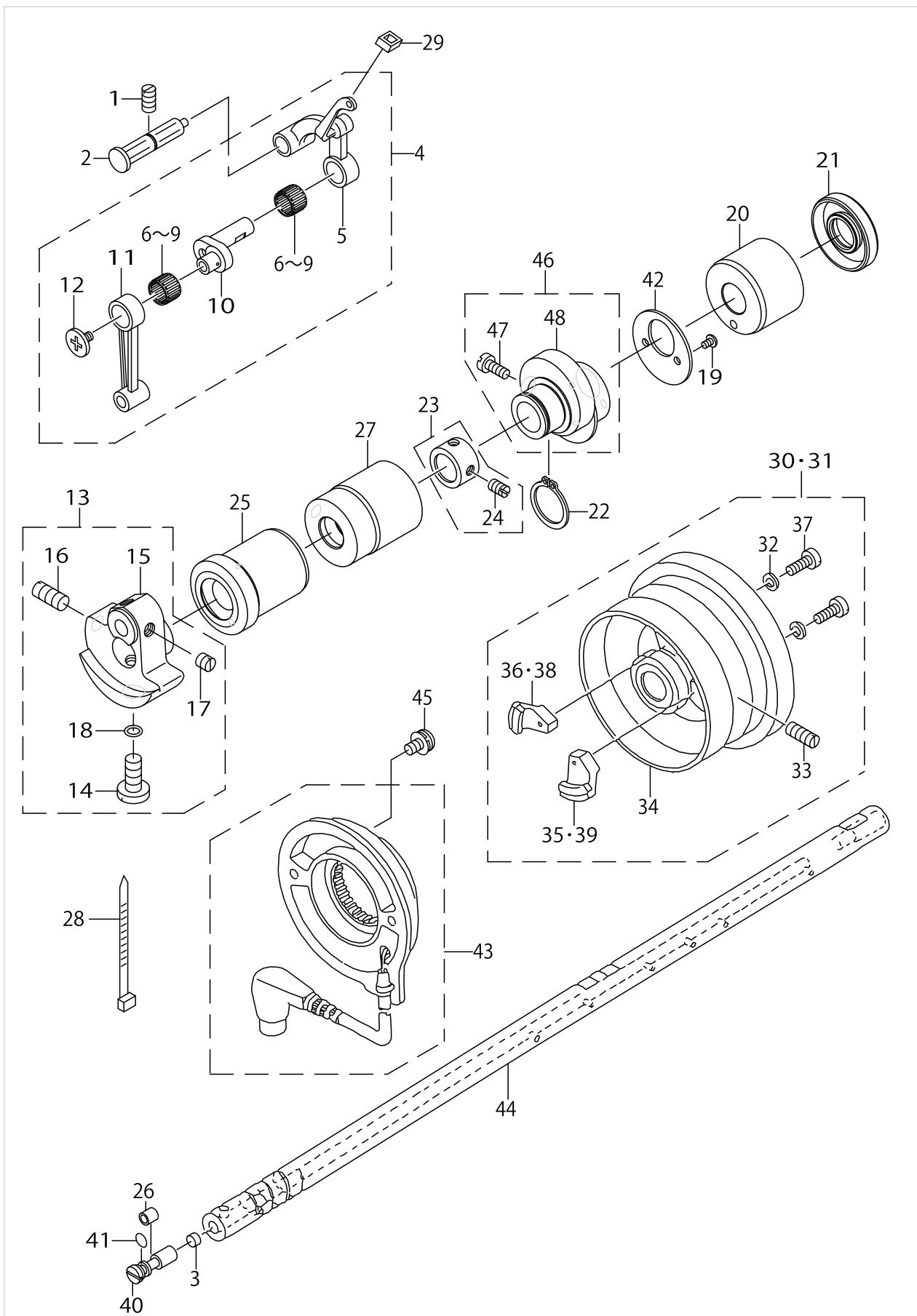
MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS



MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	SS6110610TP	SCREW 11/64-40 L=6				1
49	TA1250406R0	RUBBER PLUG D=12.5 L=4				2
50	SS4120925SP	SCREW 3/16-28 L=9				3
51	22901250	SLIDE PLATE ASM.				1
52	22901201	SLIDE PLATE		*		1
53	22901300	BED SLIDE SPRING		*		1
54	SS6060210SP	SCREW 3/32-56 L=1.9		*		2
55	22901003	BED SCREW STUD				4
56	WT0530002KS	TOOTHED WASHER D=5.3				1
57	22935407	RUBBER PLATE				1
58	11415205	THREAD TAKE-UP LEVER COVER(JE)	FOR JE			1
59	11030202	RUBBER BUSHING	FOR DDL-8700-7-00			1
60	B1109552000	THROAT PLATE	EXCEPT USE IN JAPAN,JE			1
61	40099083	RULER STOP SEAT				1
62	SS7110720SP	SCREW 11/64-40 L=7				1
63	40116677	GOST_SAFTY_LABEL_S	FOR JE			1
64	11028008	THROAT PLATE				1

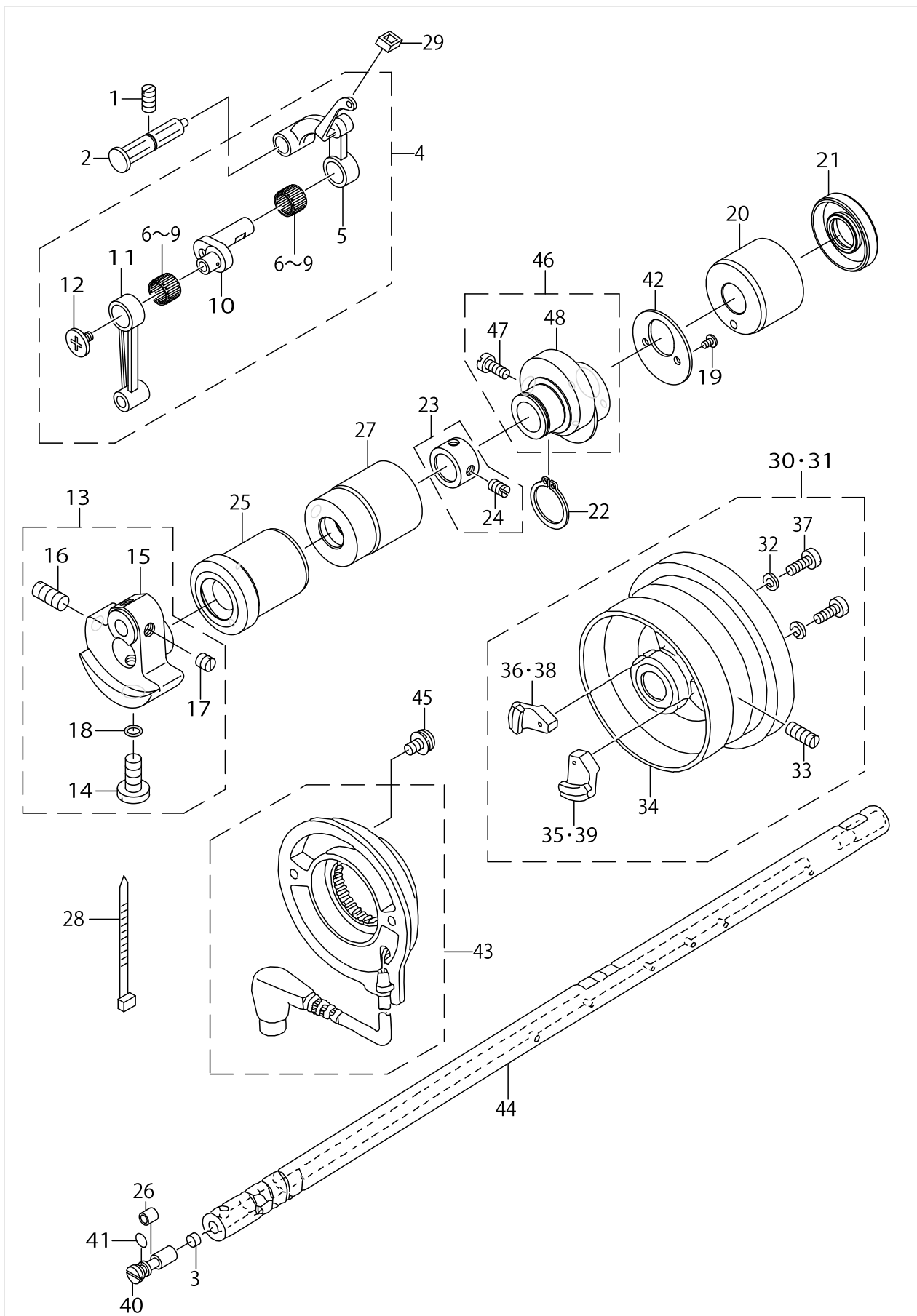
MAIN SHAFT & THREAD TAKE-UP LEVER COMPONENTS



MAIN SHAFT & THREAD TAKE-UP LEVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	SS8151150TP	SCREW 15/64-28 L=10.5				1
2	22919559	THREAD TAKE-UP CRANK SHAFT ASM.				1
3	11002904	ROLLER FELT				1
4	22918072	THREAD TAKE-UP LEVER COMPL.				1
5	22918064	THREAD TAKE-UP LEVER ASM.		*		1
6	22918403	NEEDLE BEARING A	SELECTIVE PARTS(A~D)	*		2
7	22918502	NEEDLE BEARING B	SELECTIVE PARTS(A~D)	*		2
8	22918601	NEEDLE BEARING C	SELECTIVE PARTS(A~D)	*		2
9	22918700	NEEDLE BEARING D	SELECTIVE PARTS(A~D)	*		2
10	22918106	NEEDLE BAR CRANK		*		1
11	22906606	NEEDLE BAR CRANK ROD		*		1
12	22918304	LEFT SCREW		*		1
13	40106606	COUNTER_WEIGHT_ASM.				1
14	SS7681650TP	SCREW 9/32-28 L=16		*		1
15	22903108	COUNTER WEIGHT		*		1
16	SS8681650TP	SCREW 9/32-28 L=16		*		1
17	SS8660610TP	SCREW 1/4-40 L=6		*		2
18	RO044240100	RUBBER RING		*		1
19	SS4090615SP	SCREW 9/64-40 L=6				2
20	11002409	MAIN SHAFT BUSHING REAR				1
21	40105231	OIL SEAL				1
22	RC1850001KP	SNAP RING 18.5				1
23	22904155	THRUST COLLAR ASM.				1
24	SS8660610TP	SCREW 1/4-40 L=6		*		2
25	22903207	MAIN SHAFT FRONT BUSHING				1
26	B1215552000	OIL ADJUSTING COLLAR				1
27	22903306	BUSHING INTERMEDIATE				1
28	EA9500B0100	CABLE BAND				1
29	22919203	RUBBER				1
30	22937064	HAND WHEEL COMPL.				1
31	40017623	HAND WHEEL ASM.	FOR SH			1
32	WP0450801SD	WASHER 4.5X10X0.8		*		2
33	SS81511550SP	SCREW 15/64-28 L=15		*		2
34	22937056	HAND WHEEL ASM.		*		1
35	22937155	MAGNET FITTING BASE A ASM.		*		1
36	22937254	MAGNET FITTING BASE B ASM.		*		1
37	SS6111210SP	SCREW 11/64-40 L=12		*		2
38	40017625	MAGNET FITTING BASE B ASM.	FOR SH	*		1
39	40017624	MAGNET FITTING BASE A ASM.	FOR SH	*		1
40	22903900	OIL AMOUNT ADJUSTING PIN				1
41	RO029180100	RUBBER RING				1
42	22910103	THRUST COLLAR				1
43	22937965	DYNAMO STATOR				1
44	22903009	MAIN SHAFT				1
45	SL4051001MZ	SCREW M5 L=9.6				2
46	22910053	FEED DRIVE ECCENTRIC CAM ASM.				1
47	SS6661110SP	SCREW 1/4-40 L=11		*		2

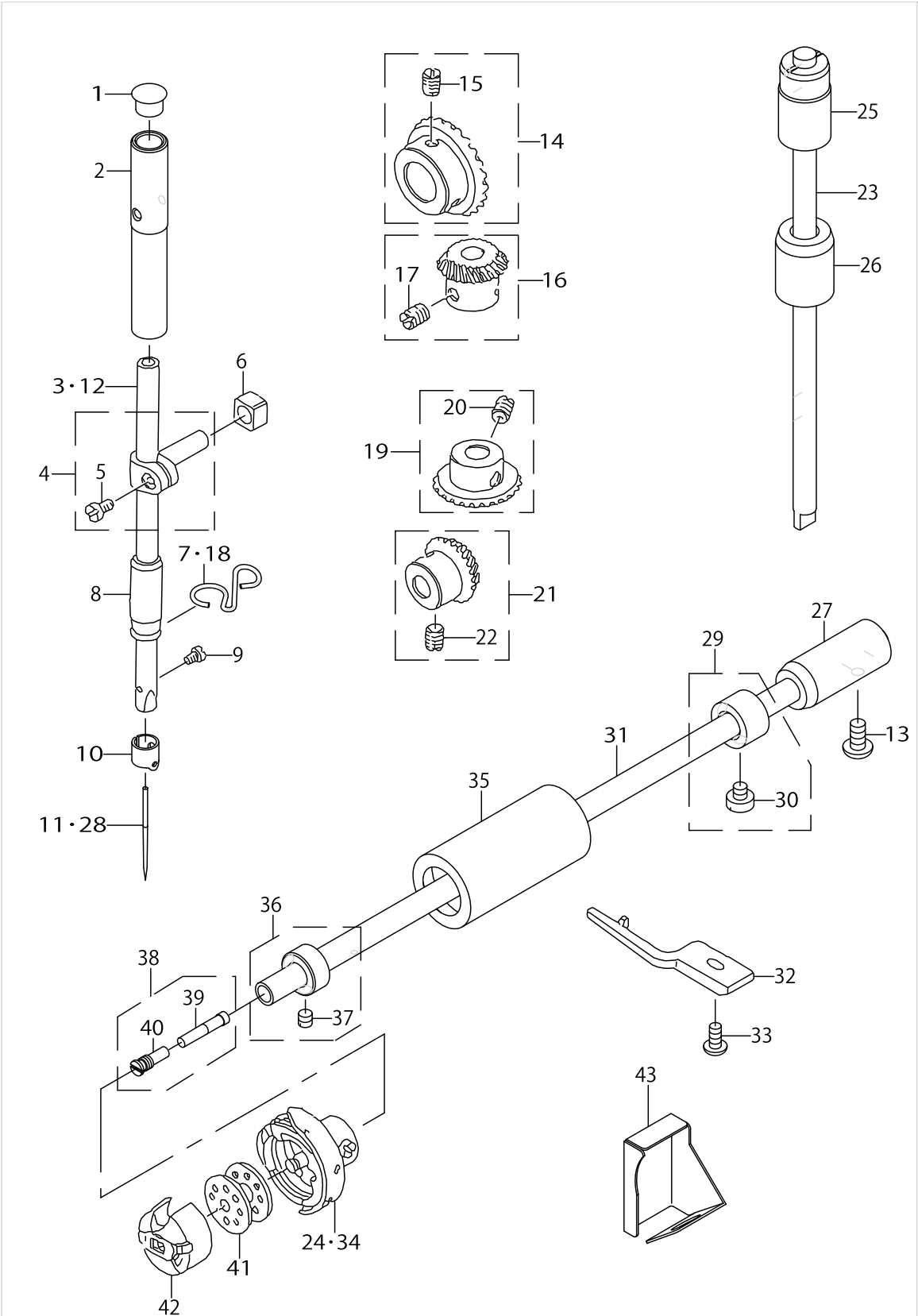
MAIN SHAFT & THREAD TAKE-UP LEVER COMPONENTS



MAIN SHAFT & THREAD TAKE-UP LEVER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	22910004	FEED DRIVE ECCENTRIC CAM		*		1

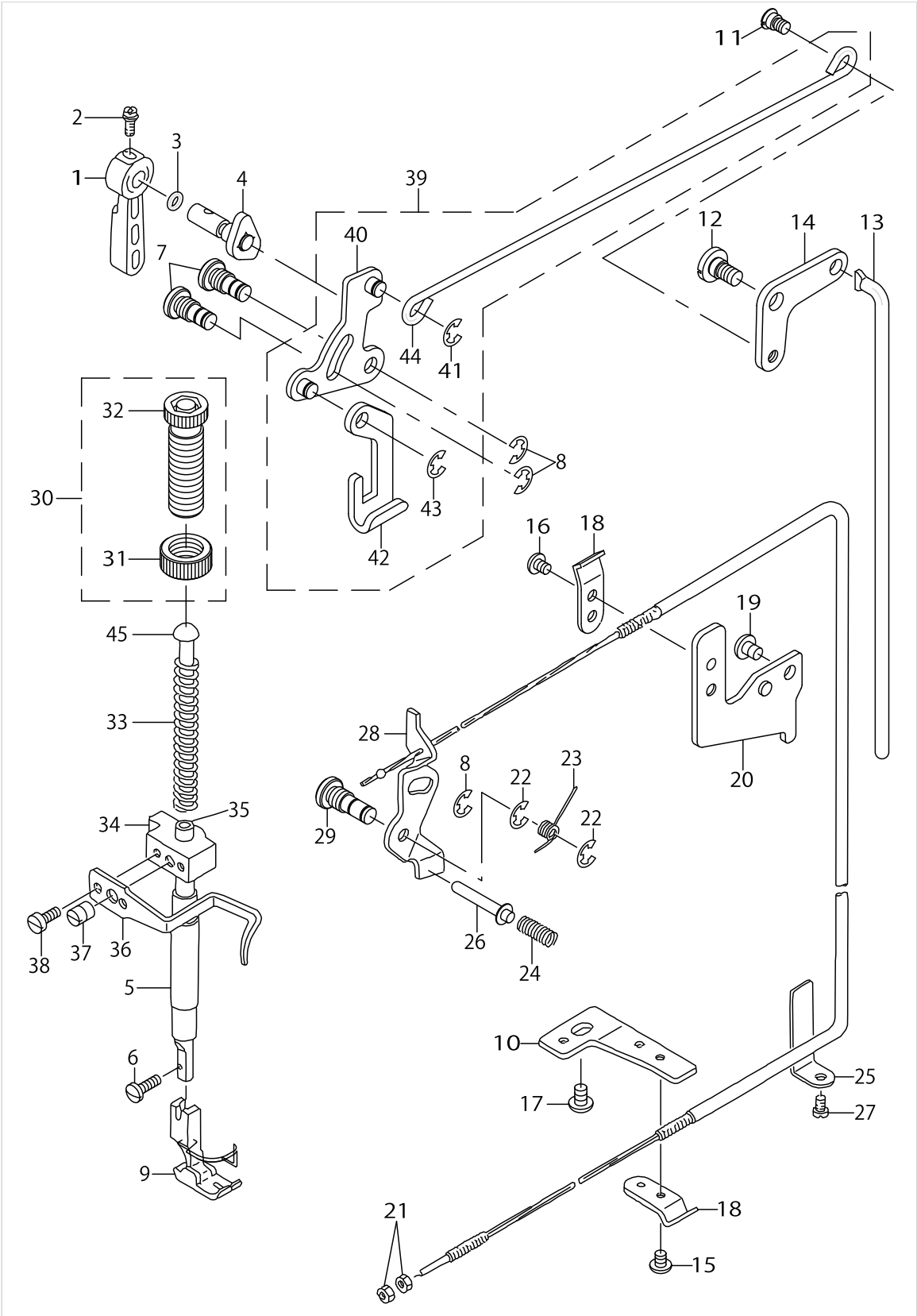
NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS



NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	TA0850604R0	RUBBER PLUG				1
2	22906101	NEEDLE BAR BUSHING UPPER				1
3	22939508	NEEDLE BAR				1
4	22906457	NEEDLE ROD HOLDER ASM.				1
5	SS6090670TP	SCREW 9/64-40 L=6		*		1
6	40090058	SLIDE BLOCK				1
7	40012444	NEEDLE BAR THREAD GUIDE				1
8	22906200	NEEDLE BAR BUSHING LOWER				1
9	SS7080510TP	SCREW 1/8-44 L=4.5				1
10	22906309	NEEDLE BAR THREAD GUIDE				1
11	MDB100B1400	NEEDLE DBX1 #14				1
12	22939607	NEEDLE BAR B	FOR JE			1
13	SS4120925SP	SCREW 3/16-28 L=9				1
14	40090002	UPPER LARGE BEVEL GEAR ASM.				1
15	SS8660810TP	SCREW 1/4-40 L=8		*		2
16	40090003	UPPER SMALL BEVEL GEAR ASM.				1
17	SS8660810TP	SCREW 1/4-40 L=8		*		2
18	40012444	NEEDLE BAR THREAD GUIDE	FOR SH			1
19	40090004	LOWER LARGE BEVEL GEAR ASM.				1
20	SS8660810TP	SCREW 1/4-40 L=8		*		2
21	40090005	LOWER SMALL BEVEL GEAR ASM.				1
22	SS8660810TP	SCREW 1/4-40 L=8		*		2
23	22905004	UPRIGHT SHAFT				1
24	11141355	HOOK ASM.	FOR JE			1
25	22905103	UPRIGHT SHAFT BUSHING LOWER				1
26	22905202	UPRIGHT SHAFT BUSHING LOWER				1
27	22916308	BUSHING REAR				1
28	MC200500900	NEEDLE 134 90	FOR JE			1
29	22917157	THRUST COLLAR ASM.				1
30	SS6110420TP	SCREW 11/64-40 L=4.8		*		2
31	22916001	LOWER SHAFT				1
32	22942502	BOBBIN CASE HOLDER				1
33	SS4110915TP	SCREW 11/64-40 L=9				1
34	11038650	HOOK ASM.	EXCEPT JE			1
35	22916100	LOWER SHAFT FRONT METAL				1
36	40101694	THRUST_COLLAR_ASM_FRONT				1
37	SS8110410TP	SCREW 11/64-40 L=3.5		*		2
38	22916555	OIL SEAL SCREW ASM.				1
39	11015906	OIL WICK		*		1
40	22916506	OIL SEAL SCREW		*		1
41	22932909	BOBBIN				1
42	11038759	BOBBIN CASE ASM.				1
43	22942601	OIL SHIELD				1

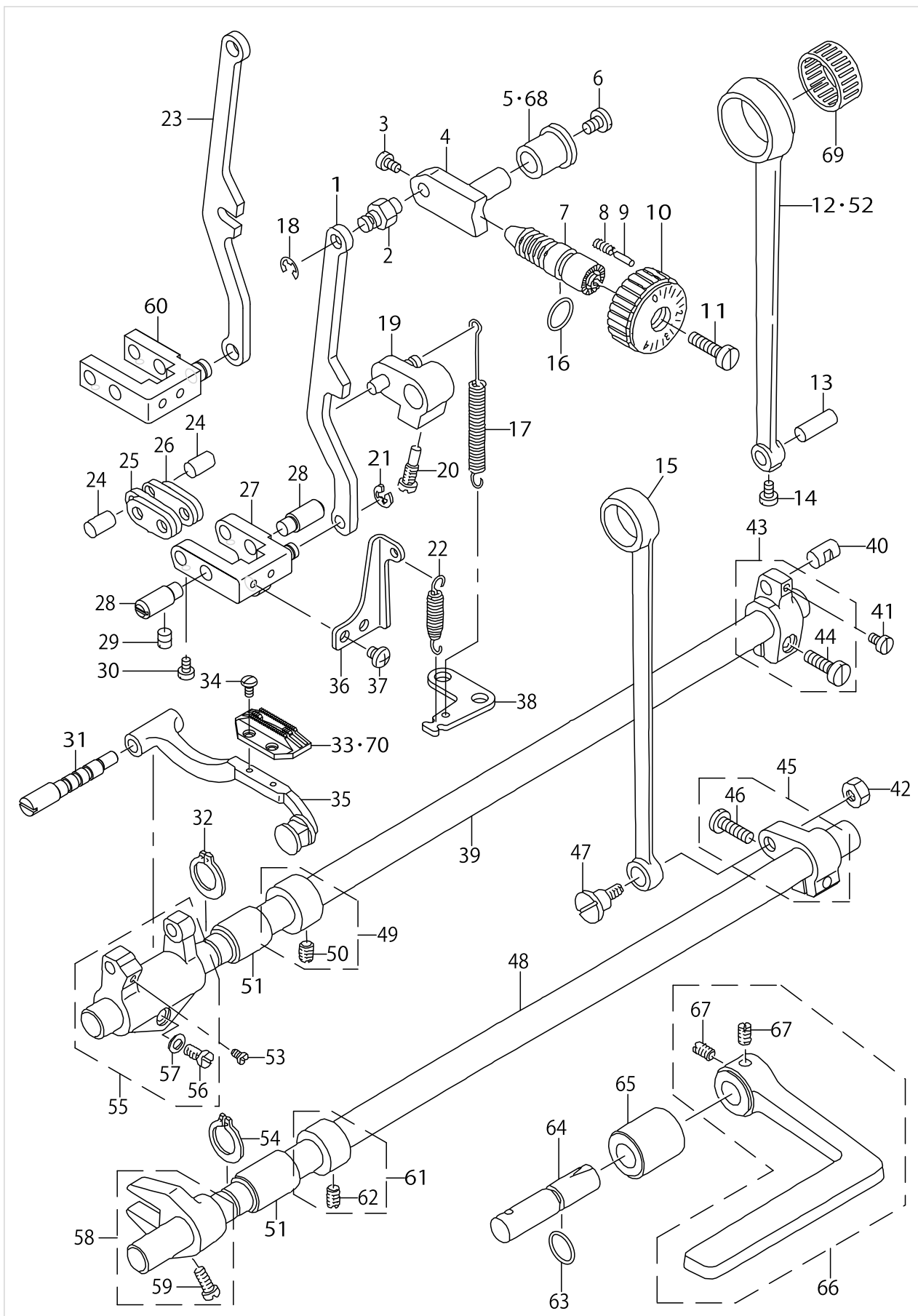
HAND LIFTER COMPONENTS



HAND LIFTER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22907802	HAND LIFTER	FOR DDL-8700-7-00			1
2	B1521555000	SCREW				1
3	RO037180100	RUBBER RING				1
4	22908552	HAND LIFTER CAM ASM.				1
5	40060989	PRESSER BAR BUSHING LOWER				1
6	SS7091110TP	SCREW 9/64-40 L=10.5				1
7	22908701	LINK SHAFT				2
8	RE0500000K0	E-RING				3
9	B15240120BA	PRESSER FOOT ASM.				1
10	22944706	WIRE HOLDER BRACKET LOWER				1
11	22908909	HINGE SCREW				1
12	SD0720331SP	HINGE SCREW D=7.24 H=3.3				1
13	22909006	KNEE LIFTER CONNECTING ROD				1
14	22908800	LIFTING LEVER LINK				1
15	SS4110515SP	SCREW 11/64-40 L=5				1
16	SS4110515SP	SCREW 11/64-40 L=5				1
17	SS4150915SP	SCREW 15/64-28 L=9				1
18	22944508	WIRE HOLDER A				2
19	SS4120615SP	SCREW 3/16-28 L=6				1
20	22944607	WIRE HOLDER BRACKET UPPER				1
21	NS6620310SP	NUT 3/16-32				2
22	RE0500000K0	E-RING				2
23	22920201	TENSION RELEASE RETURN SPRING				1
24	22920409	THREAD RELEASE PIN SPRING				1
25	22945109	WIRE CABLE HOLDER				1
26	22920300	TENSION RELEASE SUPPORTING PIN				1
27	SS4120615SP	SCREW 3/16-28 L=6				1
28	22944854	THREAD RELEASE WIRE ASM.				1
29	22920102	TENSION RELEASE SHAFT				1
30	22907554	PRESSER SPRING REG NUT ASM.				1
31	22907604	PRESSER ADJUSTING SCREW NUT		*		1
32	22907505	PRESSER SPRING REGULATOR		*		1
33	22907406	PRESSER ADJUSTING SPRING				1
34	22907208	PRESSER BAR GUIDE BRACKET				1
35	40017805	PRESSER BAR				1
36	22907307	PRESSER BAR THREAD GUIDE				1
37	SS8660810TP	SCREW 1/4-40 L=8				1
38	SS6090910SP	SCREW 9/64-40 L=9				2
39	22908354	KNEE LIFTING CROSS ROD ASM.				1
40	22908156	HAND LIFTER LINK		*		1
41	RE0500000K0	E-RING		*		1
42	22908008	LIFTING LEVER		*		1
43	RE0500000K0	E-RING		*		1
44	22908305	KNEE LIFTING CROSS ROD		*		1
45	22907703	PRESSER GUIDE BAR				1

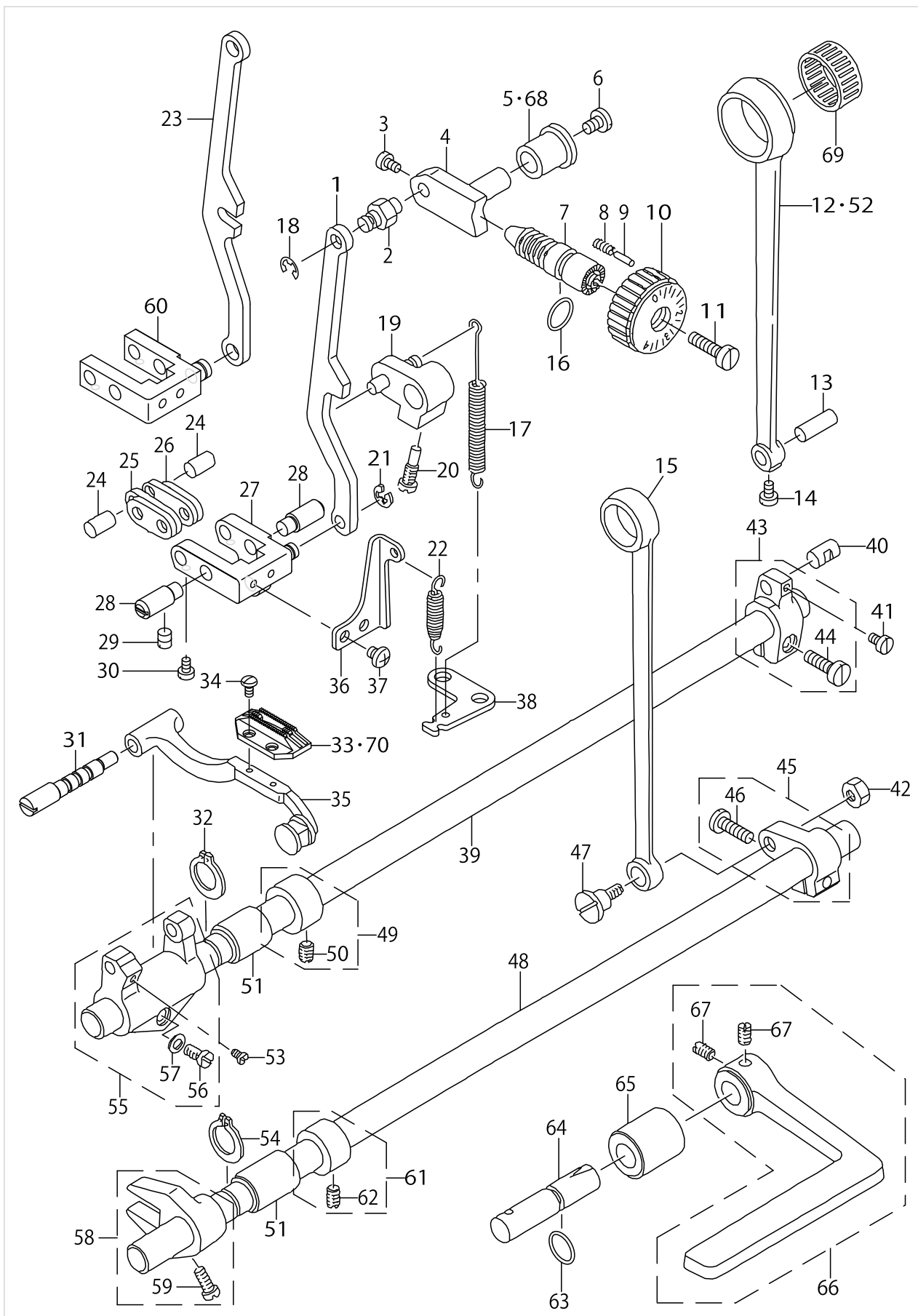
FEED MECHANISM COMPONENTS



FEED MECHANISM COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22941108	FEED ADJUST ROD	FOR DDL-8700-7-0B,-WB			1
2	22911507	FEED REGULATOR PIN				1
3	SS6090670TP	SCREW 9/64-40 L=6				2
4	22911606	FEED REGULATOR				1
5	22911705	FEED REGULATOR BUSHING	FOR DDL-8700-7-00			1
6	SS7120770SH	SCREW 3/16-28 L=7				1
7	22911804	FEED REGULATOR SCREW				1
8	22912109	SPRING				1
9	22912000	FEED ADJUST PIN				1
10	22940506	FEED DIAL				1
11	SS6121860SP	SCREW 3/16-28 L=18				1
12	22910202	ROCKER SHAFT CONNECTING ROD				1
13	22911101	WALKING FOOT PIN C				1
14	SS6090620TP	SCREW				1
15	22915003	CONNECTING ROD				1
16	RO092270200	RUBBER RING				1
17	11010311	FEED REVERSE SPRING				1
18	RE0500000K0	E-RING				1
19	22912257	FEED REVERSE ARM ASM.				1
20	22912505	SCREW				1
21	RE0500000K0	E-RING				1
22	11037405	SPRING				1
23	22911408	FEED REGULATOR CONNCTING ROD	FOR DDL-8700-7-00			1
24	22910905	WALKING FOOT PIN A				2
25	40089548	CONNECTING LINK B				2
26	40093417	CONNECTING LINK A				2
27	22940951	FEED ADJUST LINK ASM.	FOR DDL-8700-7-0B,-WB			1
28	22910806	ADJUSTING LINK FULCRUM SHAFT A				2
29	SS8150710TP	SCREW 15/64-28 L=7				2
30	SS6090620TP	SCREW				2
31	40101462	FEED BASE SHAFT				1
32	RC0150001KP	RETAINING RING 13.8				1
33	B1613012I00	FEED DOG I	EXCEPT USE IN JAPAN			1
34	SS4080620TP	SCREW 1/8-44 L=6				2
35	22940753	FEED BAR ASM.				1
36	22941306	ADJUSTING LINK SPRING GUIDE				1
37	SS4110515SP	SCREW 11/64-40 L=5				2
38	22913701	FEED SPRING HOOK				1
39	22912901	FEED ROCKER SHAFT				1
40	22911002	WALKING FOOT PIN B				1
41	SS6090620TP	SCREW				1
42	NS6680410SP	NUT 9/32-28				1
43	40110379	ASSY_FEED_ROCKER_ARM				1
44	SS6121610SP	SCREW 3/16-28 L=15.5		*		1
45	40109422	FEED_ARM_ASM				1
46	SS7121610SP	SCREW 3/16-28 L=15.5		*		1
47	SD1000801SH	HINGE SCREW D=10 H=8				1

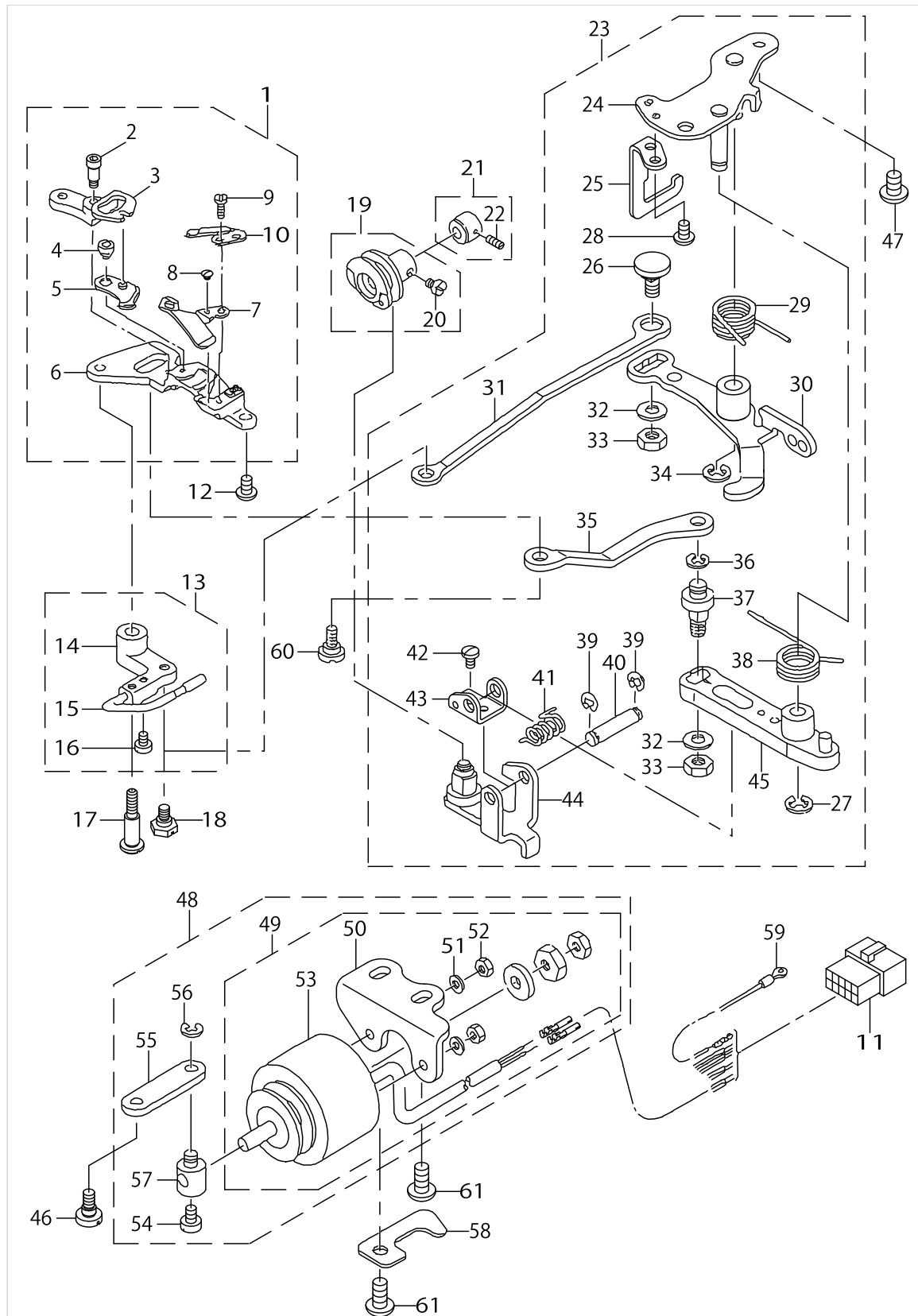
FEED MECHANISM COMPONENTS



FEED MECHANISM COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	22915201	FEED DRIVING SHAFT				1
49	22904155	THRUST COLLAR ASM.				1
50	SS8660610TP	SCREW 1/4-40 L=6		*		2
51	22913008	FEED ROCKER SHAFT BUSHING				2
52	22913800	HORIZONTAL FEED ROD B	FOR JE,JA			1
53	SS7110740TP	SCREW 11/64-40 L=7				1
54	RC0150001KP	RETAINING RING 13.8				1
55	22940654	FEED BAR CRANK ASM.				1
56	SS7121410TP	SCREW 3/16-28 L=14		*		1
57	WP0480856SP	WASHER 4.8X8.4X0.8		*		1
58	22915359	DRIVING SHAFT CRANK ASM.				1
59	SS7111120SP	SCREW 11/64-40 L=10.5		*		1
60	22910459	WALKING FOOT ADJUSTING LINK	FOR DDL-8700-7-00			1
61	22904155	THRUST COLLAR ASM.				1
62	SS8660610TP	SCREW 1/4-40 L=6		*		2
63	RO078190100	RUBBER RING				1
64	40100812	FEED LEVER SHAFT				1
65	22912802	FEED LEVER METAL				1
66	40102264	FEED_REVER_ASM.				1
67	SM8061010TP	SCREW		*		2
68	11009800	FEED REGULATOR BUSHING	FOR DDL-8700-7-0B,-WB			1
69	22914105	BEARING C	SELECTIVE PARTS(FOR JE,JA)			1
70	B1613012A00	FEED DOG A	FOR USE IN JAPAN			1

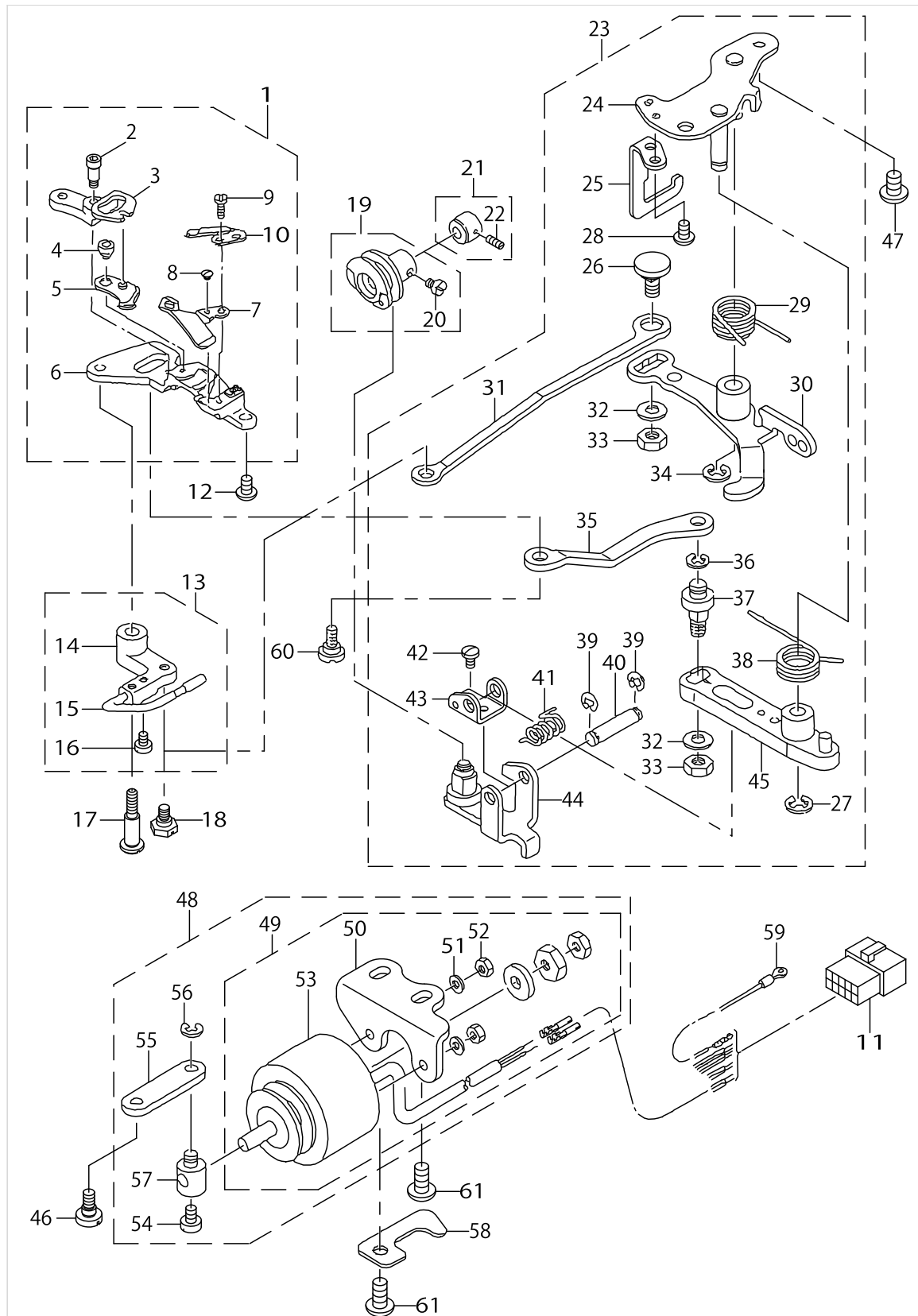
THREAD TRIMMER COMPONENTS



THREAD TRIMMER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	11040359	KNIFE UNIT				1
2	SD0460703TP	HINGE SCREW D=4.6 H=7		*		1
3	11040508	FORKED BASE FOR KNIFE		*		1
4	11040409	MOVING KNIFE HINGE SCREW		*		1
5	11040052	MOVING KNIFE ASM.		*		1
6	11040300	KNIFE MOUNTING BASE		*		1
7	11313103	THREAD GUIDE FOR KNIFE		*		1
8	SS2060210SP	SCREW 3/32-56 L=2.3		*		1
9	SS4080620TP	SCREW 1/8-44 L=6		*		2
10	D2406555D0H	COUNTER KNIFE		*		1
11	HK034610140	HOUSING 14P				1
12	SS4110715SP	SCREW 11/64-40 L=7				1
13	22950257	PICKER ARM ASM.				1
14	22950208	PICKER ARM		*		1
15	22950356	THREAD TAKE-UP PICKER ASM.		*		1
16	SS6090510TP	SCREW 9/64-40 L=5.0		*		2
17	SD0641451SP	HINGE SCREW D=6.35 H=14.5				1
18	SD0630275SP	HINGE SCREW D=6.35 H=2.7				1
19	22950851	THREAD TRIMMER CAM ASM.				1
20	SS6660610TP	SCREW 1/4-40 L=6		*		2
21	22950950	CAM COLLAR ASM.				1
22	SS8110520TP	SCREW 11/64-40 L=4.5		*		1
23	22949762	THREAD TRIMMER DRIVING UNIT				1
24	22949754	BASE PLATE ASM.		*		1
25	22950703	DRIVING ARM STOPPE		*		1
26	22950000	PICKER LINK PIN		*		1
27	RE0600000K0	E-RING 6		*		1
28	SS4110715SP	SCREW 11/64-40 L=7		*		2
29	22949408	CLUTCH SPRING		*		1
30	40087245	CLUTCH PLATE ASM.		*		1
31	22950109	PICKER LINK		*		1
32	WP0621016SH	WASHER		*		2
33	NS6150430SP	NUT 15/64-28		*		2
34	RE0600000K0	E-RING 6		*		1
35	22948301	MOVING KNIFE LINK		*		1
36	RE0500000K0	E-RING		*		1
37	22948400	MOVING KNIFE LINK PIN		*		1
38	22949309	KNIFE RETURN SPRING B		*		1
39	RE0400000K0	E-RING 4		*		2
40	22949101	ROLLER FULCRUM SHAFT		*		1
41	22949200	ROLLER FULCRUM SPRING		*		1
42	SS7090610SP	SCREW 9/64-40 L=6		*		1
43	22949002	ROLLER ARM BRACKET		*		1
44	11040953	ROLLER ARM ASM.		*		1
45	11040854	KNIFE DRIVING ARM ASM.		*		1
46	SD0600361SP	HINGE SCREW D=6 H=3.6				1
47	SS4150915SP	SCREW 15/64-28 L=9				2

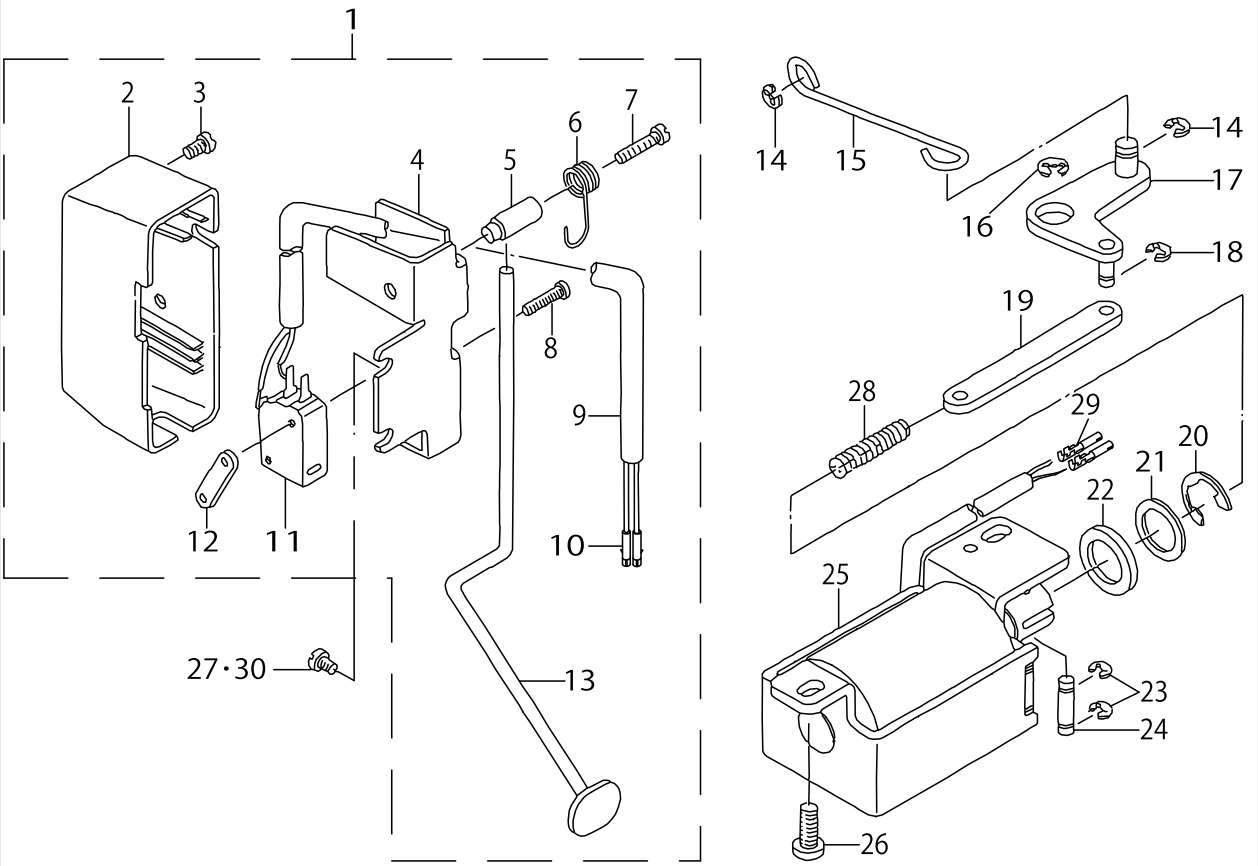
THREAD TRIMMER COMPONENTS



THREAD TRIMMER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	22951164	SOLENOID UNIT				1
49	40106930	THREAD TRIMMER SOLENOID ASM.		*		1
50	22951404	SOLENOID BASE		*		1
51	WS0410002KR	SPRING WASHER M4		*		2
52	NM6040001SE	NUT M4		*		2
53	40106931	THREAD TRIMMER SOLENOID		*		1
54	SS6110710TP	SCREW 11/64-40 L=6.5		*		1
55	22949903	CLUTCH LINK		*		1
56	RE0500000K0	E-RING		*		1
57	22951008	SOLENOID PIN		*		1
58	22924807	TUBE HOLDER LOWER				1
59	22951552	GROUND WIRE ASM.				1
60	SD0640631TP	HINGE SCREW D=6.35 H=6.3				1
61	SS4151215SP	SCREW 15/64-28 L=12				2

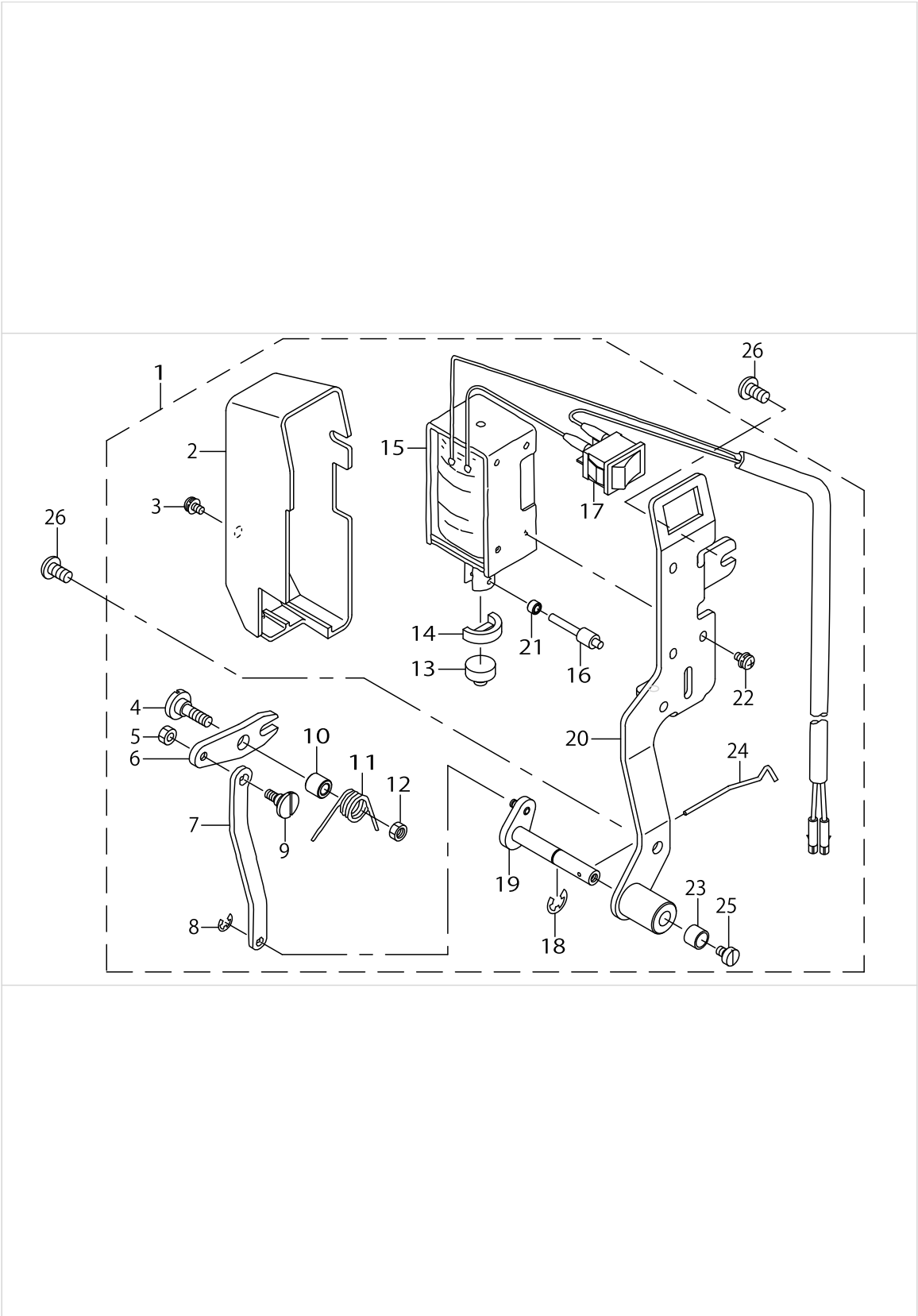
AUTOMATIC REVERSE FEED COMPONENTS



AUTOMATIC REVERSE FEED COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22954150	REVERSE FEED SWITCH ASM.				1
2	22954606	REVERSE FEED SWITCH COVER		*		1
3	SM4040655SP	SCREW M4 L=6		*		1
4	22954101	REVERSE FEED SWITCH BASE		*		1
5	22954200	REVERSE FEED SWITCH SHAFT		*		1
6	22954309	REVERSE FEED SWITCH SPRING		*		1
7	SM4041655SP	SCREW M4 L=16		*		1
8	SM4031501SC	SCREW M3 L=15		*		2
9	HW500070000	2-CORE CABTYRE CORD		*		1.31
10	HK03464000B	PIN CONTACT		*		2
11	HA001900000	MICROSWITCH		*		1
12	22954408	SWITCH HOLDING PLATE		*		1
13	22954507	REVERSE FEED SWITCH LEVER		*		1
14	RE0500000KP	E-RING 5				2
15	22953806	REVERSE FEED CONNECTING SHAFT				1
16	RE0900000K0	E-RING 9				1
17	22953657	CONNECTING ARM ASM.				1
18	RE0400000KP	E-RING 4				1
19	22953905	REVERSE FEED CONNECTING LINK				1
20	RE1200000K0	E-RING 12				1
21	WP1602616SZ	WASHER 16X24X2.6				1
22	D2468555B00	RUBBER PLUNGER				1
23	RE0400000K0	E-RING 4				2
24	22953509	PLUNGER ARM PIN				1
25	40085585	REVERSE FEED SOLENOID ASM.				1
26	SS4151215SP	SCREW 15/64-28 L=12				2
27	SS4120915SP	SCREW 3/16-28 L=9				1
28	22954002	PLUNGER SPRING				1
29	HK03464000B	PIN CONTACT				2
30	SS4120615SP	SCREW 3/16-28 L=6	FOR DDL-8700-7-0B			1

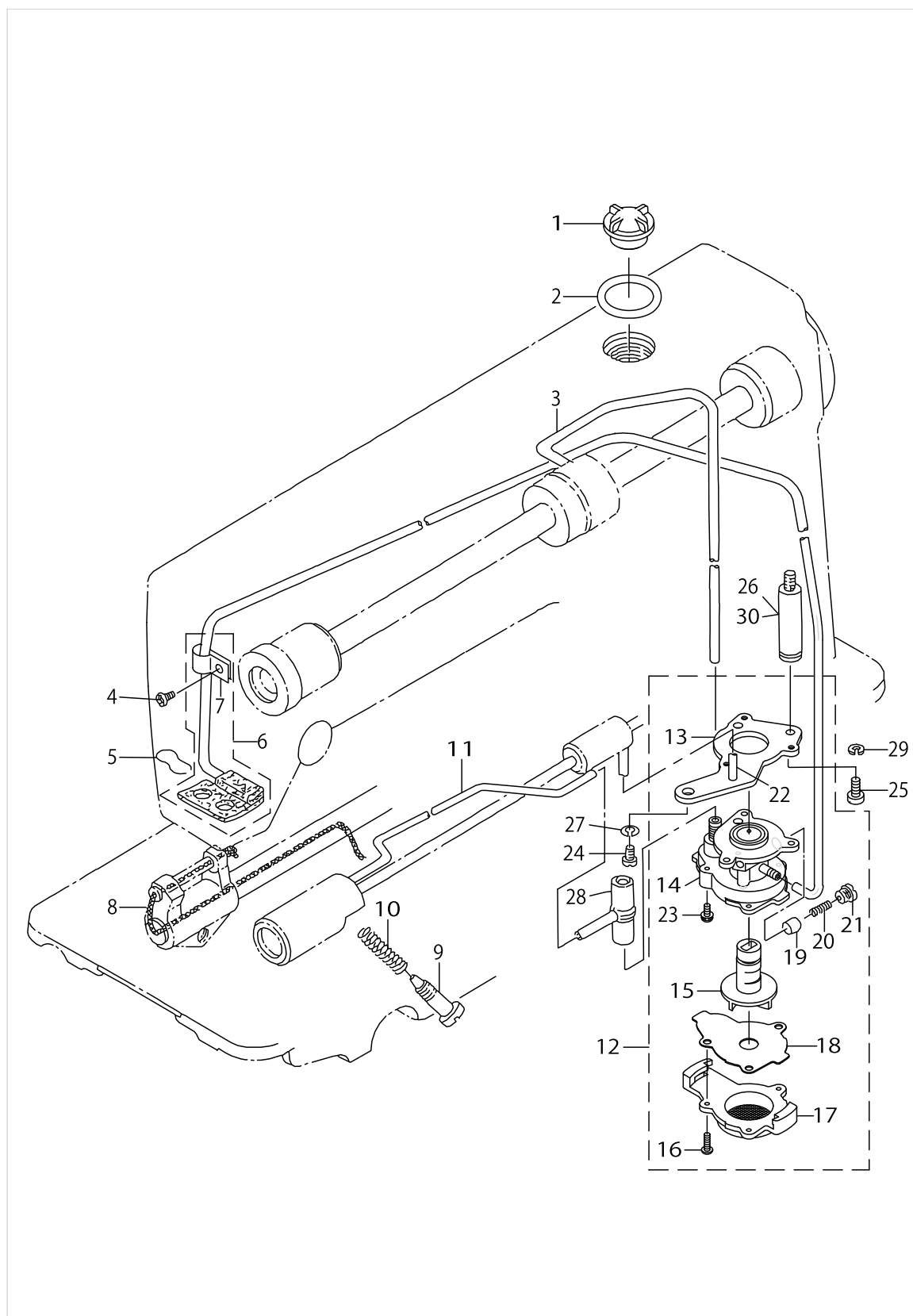
WIPER COMPONENTS



WIPER COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22955553	WIPER ASM.				1
2	22955504	WIPER COVER		*		1
3	SL4030631SC	SCREW M3X6		*		1
4	SD0650321TP	HINGE SCREW D=6.5 H=3.2		*		1
5	NS6090310SP	NUT 9/64-40		*		1
6	22956106	WIPER LINK A		*		1
7	22956403	WIPER LINK B		*		1
8	RE0250000K0	E-RING 2.5		*		1
9	22956908	WIPER LINK B HINGE SCREW		*		1
10	22956205	WIPER HINGE SCREW COLLAR		*		1
11	22956304	WIPER SPRING		*		1
12	NS6110310SP	NUT 11/64-40		*		1
13	22955900	WIPER RUBBER A		*		1
14	22956007	WIPER RUBBER B		*		1
15	40106936	WIPER SOLENOID ASM.		*		1
16	22957104	WIPER SOLENOID SHAFT		*		1
17	HA00600000A	SWITCH		*		1
18	RE0500000K0	E-RING		*		1
19	40041419	WIPER LINK C ASM.		*		1
20	11110152	WIPER BASE ASM.		*		1
21	22957203	WIPER LINK COLLAR		*		1
22	SL4030641SE	SCREW		*		3
23	22956809	WIPER COLLAR		*		1
24	22957005	WIPER		*		1
25	SS6090540SP	SCREW 9/64-40 L=5.0		*		1
26	SS4120915SP	SCREW 3/16-28 L=9				2

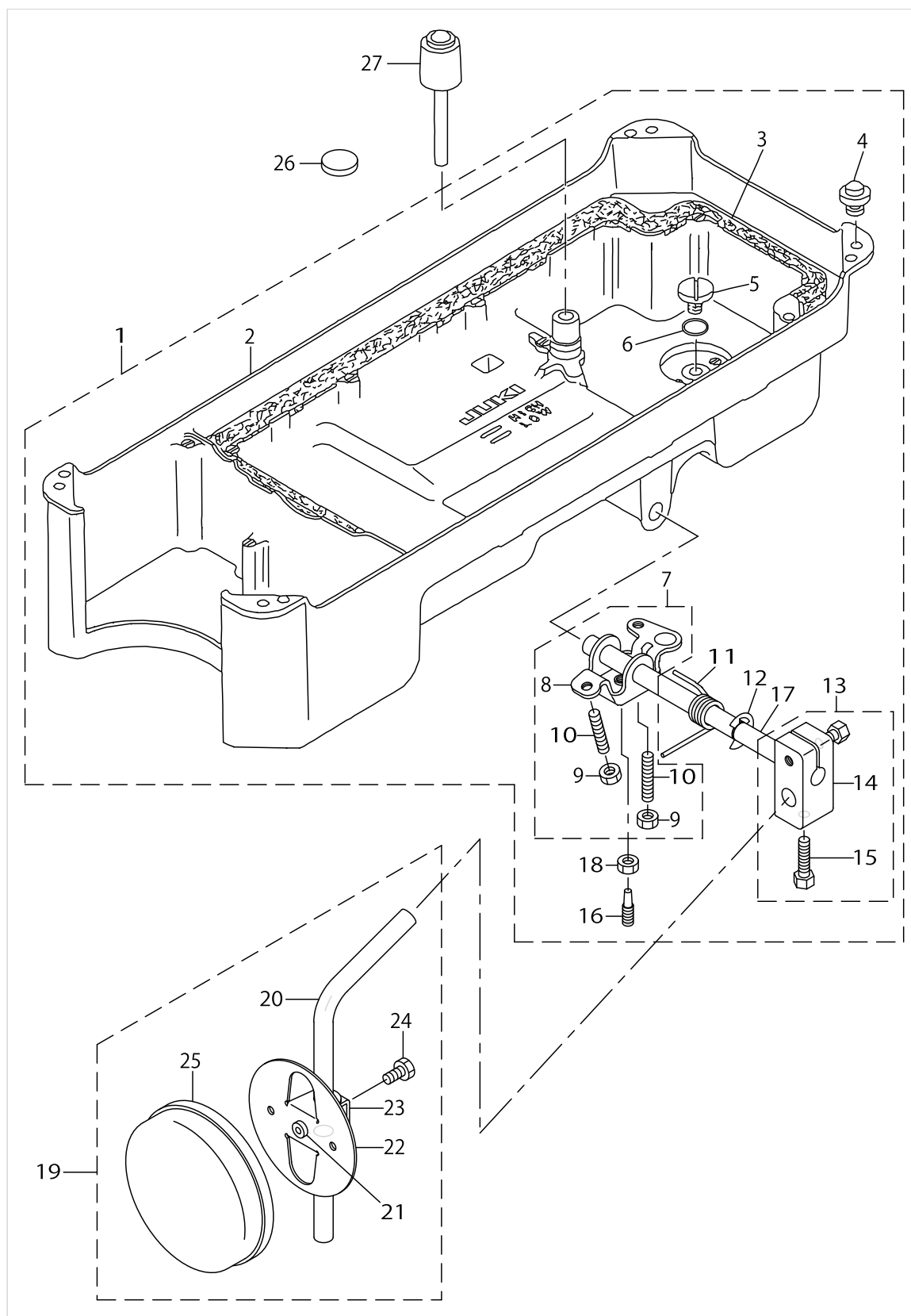
OIL LUBRICATION COMPONENTS



OIL LUBRICATION COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22924708	OIL SIGHT WINDOW				1
2	RO195240100	RUBBER RING				1
3	22924401	MAIN SHAFT OIL TUBE				1
4	SS4120615SP	SCREW 3/16-28 L=6				1
5	22925101	OIL FELT PRESSER				1
6	22924153	OIL RETURN TUBE ASM.				1
7	22924302	HOLDER		*		1
8	CQ252000000	OIL WICK				0.3
9	22925002	OIL ADJUSTING SCREW				1
10	22924906	SPRING				1
11	22924500	OIL TUBE				1
12	22923056	LUBRICATING OIL PUMP ASM.				1
13	22923312	OIL PUMP INSTALLING BASE		*		1
14	22923015	OIL PUMP		*		1
15	22923700	OIL PUMP IMPELLER		*		1
16	SE4301041SR	SCREW D=3 L=10		*		3
17	22923205	LUBRICATING OIL PUMP COVER		*		1
18	22923809	OIL PUMP IMPELLER COVER		*		1
19	22923403	PLUNGER		*		1
20	22923601	PLUNGER SPRING		*		1
21	22923502	PLUNGER SCREW		*		1
22	22923908	HOOK DRIVING SHAFT OIL TUBE		*		1
23	SL4030851SF	SCREW M3 L=8		*		3
24	SS4150915SP	SCREW 15/64-28 L=9				1
25	SS6111010TP	SCREW 11/64-40 L=9.5				1
26	22947105	OIL PUMP SUPPORT	FOR DDL-8700-7-0B,-WB			1
27	WS0651310KP	SPRING WASHER 6.5X11X1.3	FOR DDL-8700-7-0B,-WB			1
28	22924609	RUBBER JOINT				1
29	WS0451040KP	SPRING WASHER 4.5X8.5X1	FOR DDL-8700-7-0B,-WB			1
30	22924005	OIL PUMP SUPPORT	FOR DDL-8700-7-00			1

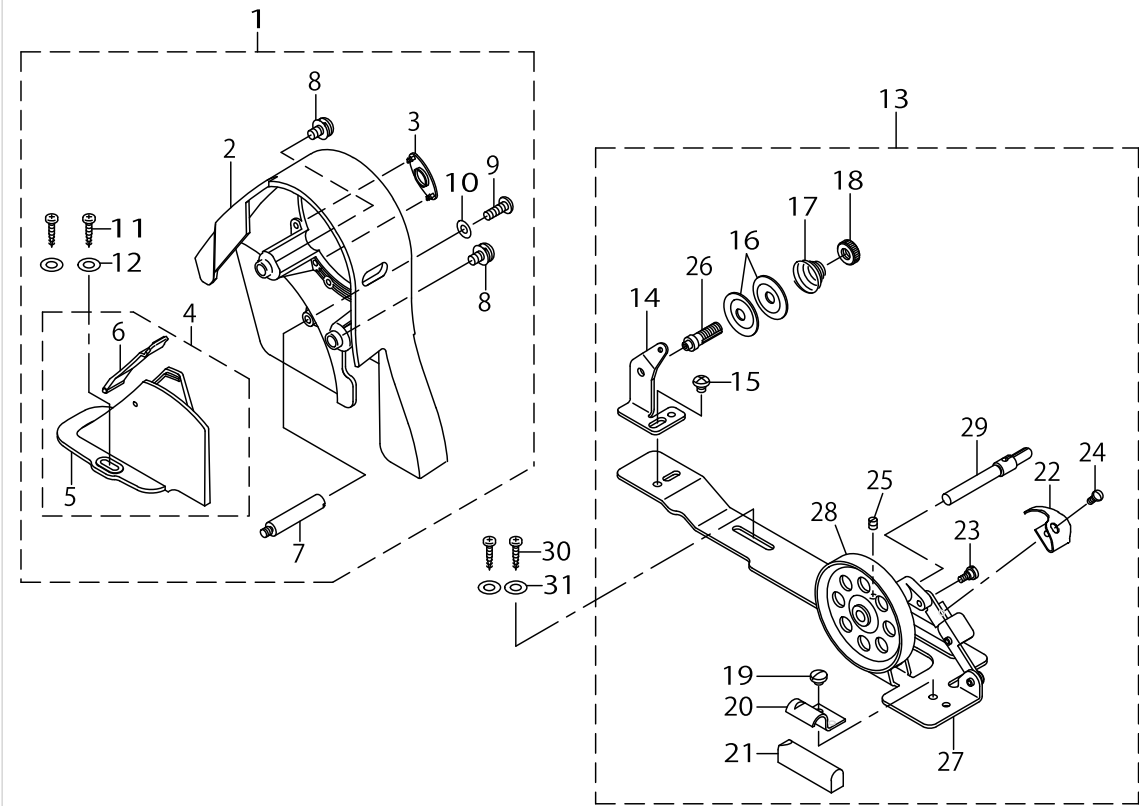
OIL RESERVOIR COMPONENTS



OIL RESERVOIR COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22931851	OIL RESERVOIR ASM.				1
2	22931802	OIL RESERVOIR		*		1
3	22931901	OIL RESERVOIR GASKET		*		1
4	22932008	RUBBER CUSHION		*		4
5	SS6700710SH	SCREW 5/16-24 L=7		*		1
6	RO098240100	RUBBER RING		*		1
7	22932156	KNEE LIFTER ROTATION ARM ASM.		*		1
8	22932107	KNEE LIFTING ROTATING ARM		*		1
9	NM6060001SE	NUT M6		*		2
10	SM8063012TR	SCREW M6 L=30		*		2
11	22932206	SPRING		*		1
12	RE1000000K0	E-RING 10		*		1
13	22932453	BRACKET ASM.		*		1
14	22932404	VERTICAL SHAFT FITTING ARM		*		1
15	22934707	SCREW		*		2
16	40101720	SCREW_M6		*		1
17	22932305	KNEE PRESS CROSS SHAFT		*		1
18	NM6060001SE	NUT M6		*		1
19	22934251	KNEE PAD PLATE ASM.				1
20	22934608	KNEE PAD UPRIGHT SHAFT		*		1
21	22934400	KNEE PAD PLATE RUBBER		*		1
22	22934202	KNEE PAD PLATE		*		1
23	22934301	KNEE PAD PLATE SUPPORT		*		1
24	SM9061203SE	SCREW M6 L=12		*		1
25	22934509	KNEE PAD PLATE COVER		*		1
26	B8228125000	OIL RESERVOIR MAGNET				1
27	22931703	KNEE LIFTER PUSH ROD				1

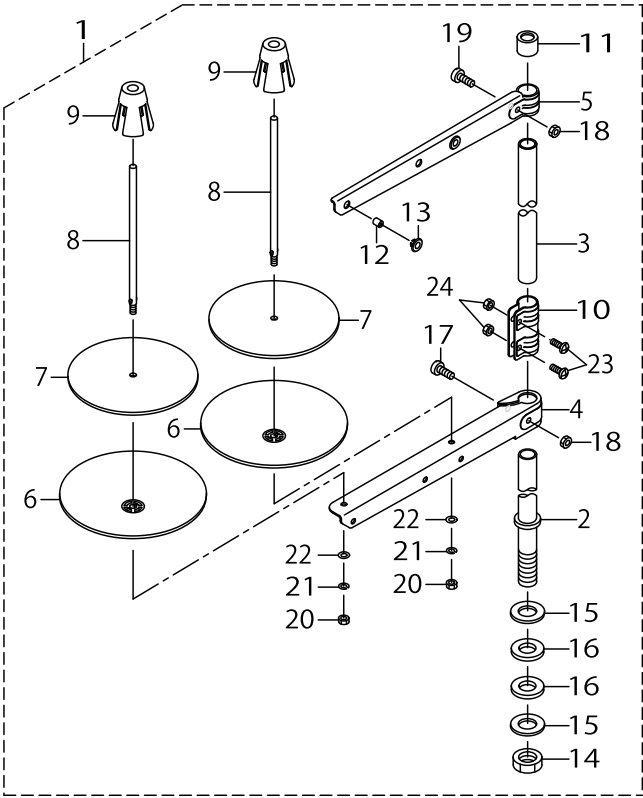
BELT COVER & BOBBIN COMPONENTS



BELT COVER & BOBBIN COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	22933451	BELT COVER ASM.				1
2	22933402	BELT COVER A		*		1
3	22933501	BELT COVER A CAP		*		1
4	22933659	BELT COVER B COMPL.		*		1
5	22933600	BELT COVER B		*		1
6	22933758	BELT COVER B CAP ASM.		*		1
7	22933907	BELT COVER SUPPORT		*		1
8	22934004	BELT COVER A SCREW		*		2
9	SS4121415SP	SCREW 3/16-28 L=14		*		1
10	WP0501016SD	WASHER 5X10.5X1		*		1
11	SK3412000SC	WOOD SCREW D=4.1 L=20		*		2
12	WP0450826SC	WASHER 4.5X10X0.8		*		2
13	22927354	BOBBIN WINDER CONPL.				1
14	22928501	THREAD TENSION BRACKET		*		1
15	SS4110515SP	SCREW 11/64-40 L=5		*		1
16	22928907	THREAD TENSION DISK		*		2
17	22929004	THREAD TENSION SPRING		*		1
18	22928808	THREAD TENSION NUT		*		1
19	SS7110350SP	SCREW 11/64-40 L=3.5		*		1
20	22928402	RUBBER BRAKE PRESSER PLATE		*		1
21	22928303	RUBBER BRAKE		*		1
22	22928105	POSITIONING FINGER		*		1
23	SD0490261SP	HINGE SCREW D=4.9 H=2.6		*		1
24	SS7081310SP	SCREW 1/8-44 L=12.5		*		1
25	SS8110510SP	SCREW 11/64-40 L=5		*		1
26	22928709	THREAD TENSION BRACKET		*		1
27	22927305	BOBBIN BASE		*		1
28	22927404	BOBBIN PULLEY		*		1
29	22927602	BOBBIN WINDER POST		*		1
30	SK3412000SC	WOOD SCREW D=4.1 L=20				2
31	WP0450826SC	WASHER 4.5X10X0.8				2

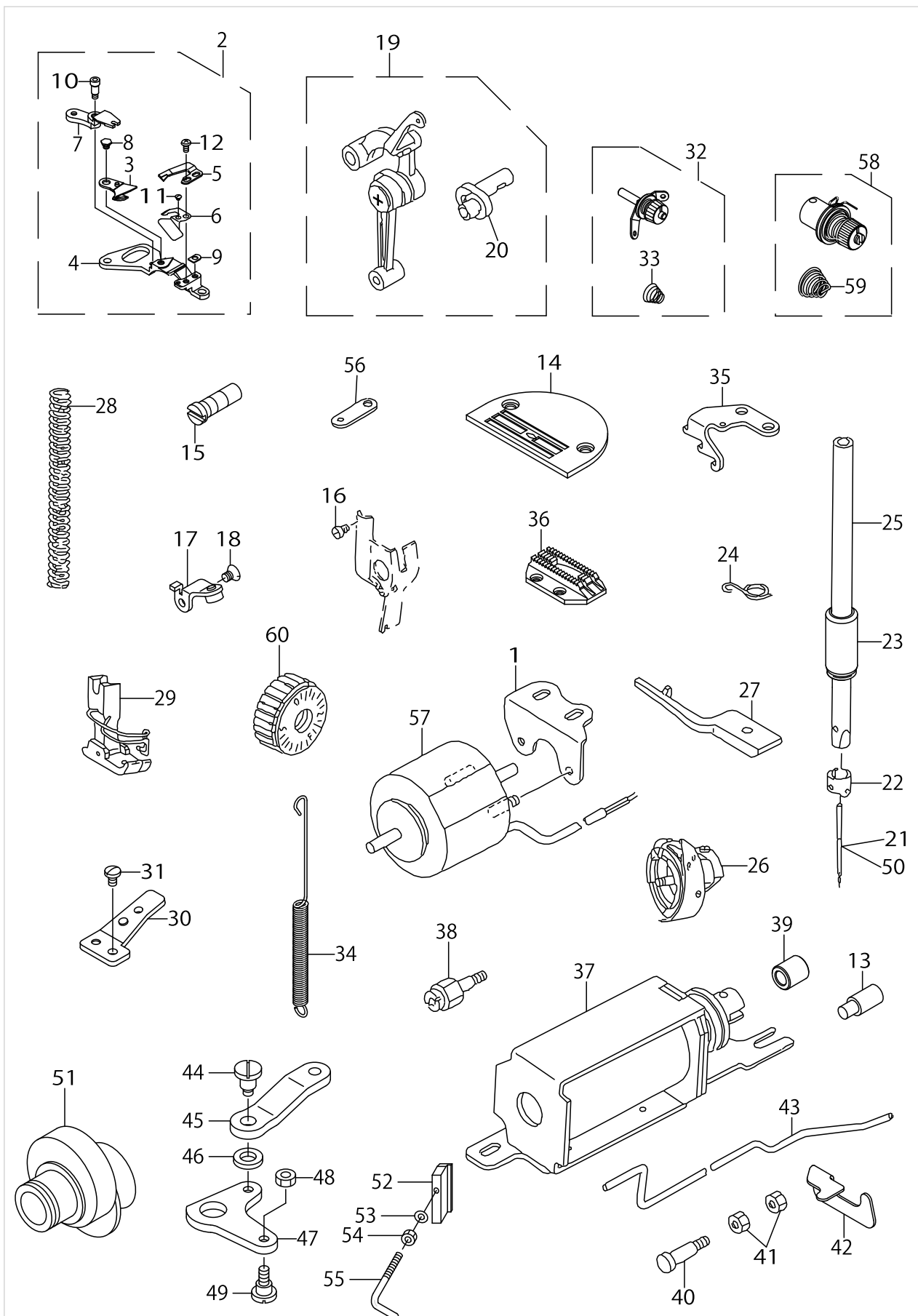
THREAD STAND COMPONENTS



THREAD STAND COMPONENTS

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	40096354	THREAD STAND ASM.				1
2	40085784	SPOOL REST ROD LOWER		*		1
3	40085785	SPOOL REST ROD UPPER		*		1
4	40085786	SPOOL REST ARM LOWER		*		1
5	40085787	SPOOL REST ARM UPPER		*		1
6	40085788	SPOOL REST		*		2
7	40085789	SPOOL REST CUSHION		*		2
8	40085790	SPOOL PIN		*		2
9	40085791	SPOOL RETAINER		*		2
10	40085792	SPOOL REST ROD JOINT		*		1
11	40085793	SPOOL REST ROD RUBBER CAP		*		1
12	40085794	THREAD GUIDE		*		2
13	40085795	THREAD GUIDE BUSHING		*		2
14	40096325	SPOOL REST ROD NUT		*		1
15	WP1612616SE	WASHER 16X30X2.6		*		2
16	40085796	SPOOL REST ROD RUBBER CUSHION		*		2
17	40096326	SPOOL REST ARM LOWER SCREW		*		1
18	NM6050001SE	NUT M5		*		2
19	40096327	SPOOL REST ARM UPPER SCREW		*		1
20	NM6050001SE	NUT M5		*		2
21	WS0510002KN	SPRING WASHER M5		*		2
22	WP0531001SC	WASHER M5		*		2
23	SM4051405SE	SCREW M5 L=14		*		2
24	NM6050001SE	NUT M5		*		2

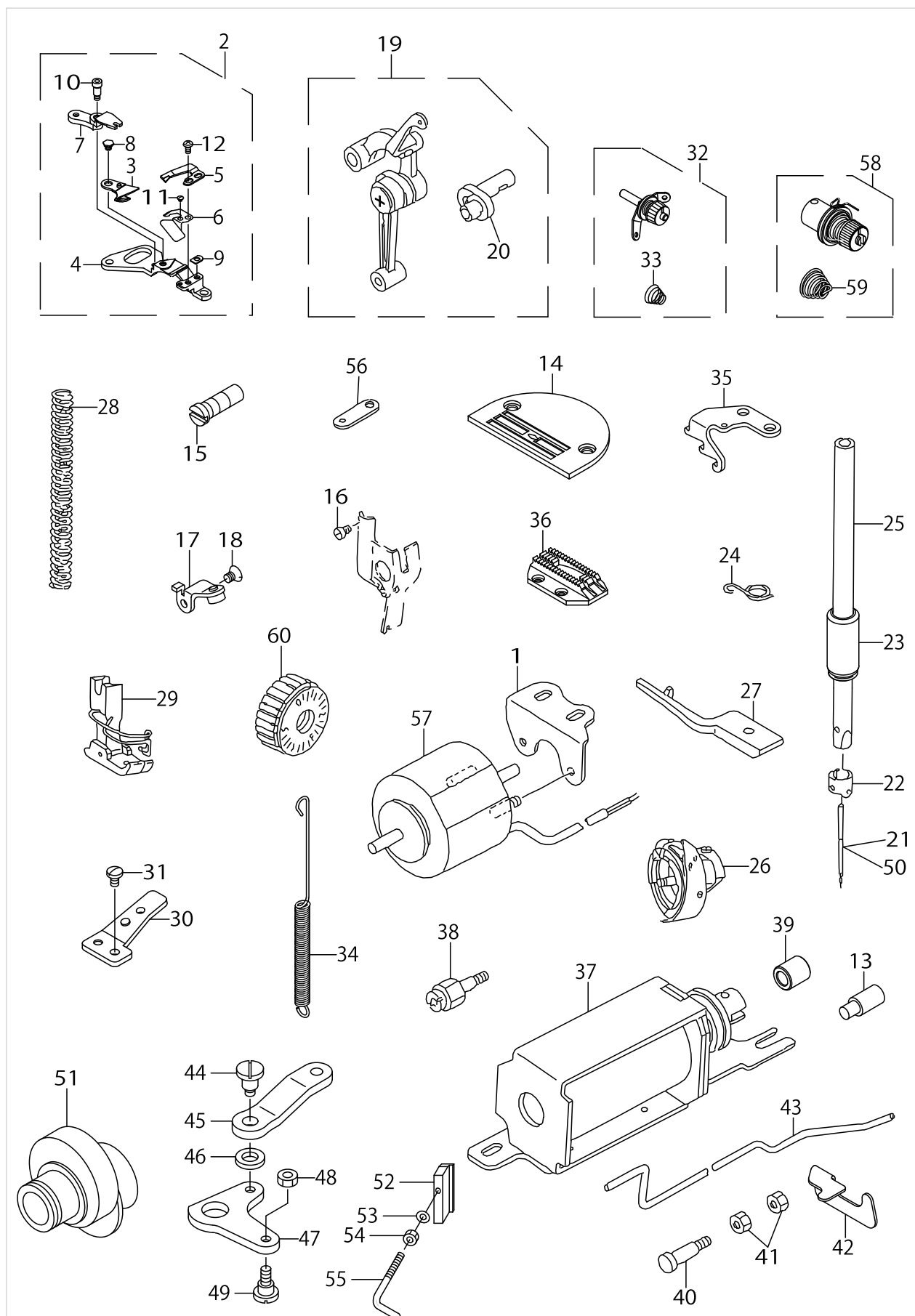
EXCLUSIVE PARTS FOR DDL-8700H-7



EXCLUSIVE PARTS FOR DDL-8700H-7

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	11094901	SOLENOID BASE				1
2	11095551	KNIFE UNIT				1
3	11409257	MOVING KNIFE J ASM.		*		1
4	11095502	KNIFE MOUNT BASE		*		1
5	40089755	FIX KNIFE		*		1
6	11095403	KNIFE THREAD GUIDE		*		1
7	11095601	KNIFE BRANCH		*		1
8	SD0500131TP	HINGE SCREW D=5 H=1.25		*		1
9	D2404555B00	COUNTER KNIFE SPACER		*		1
10	SD0460703TP	HINGE SCREW D=4.6 H=7		*		1
11	SS2060210SP	SCREW 3/32-56 L=2.3		*		1
12	SS4080620TP	SCREW 1/8-44 L=6		*		2
13	40010395	ADJUSTING LINK FULCRUM SHAFT B	FOR DDL-8700H-7-0B,-WB			1
14	11400801	THROAT PLATE J				1
15	B1213552000A	OIL ADJUSTING PIN				1
16	SS6080320SP	SCREW 1/8-44 L=2.5				1
17	11095254	LEVER STOPPER ASM.	FOR DDL-8700H-7-0B,-WB			1
18	SS1120710SP	SCREW 3/16-28 L=6.5	FOR DDL-8700H-7-0B,-WB			1
19	11091659	LINK THREAD TAKE-UP LEVER ASM.				1
20	11091600	NEEDLE BAR CRANK H		*		1
21	MDB100B2100	NEEDLE DBX1 #21				1
22	B1418415H00	NEEDLE BAR THREAD GUIDE				1
23	22970313	NEEDLE BAR BUSHING LOWER				1
24	40023223	NEEDLE BAR THREAD GUIDE				1
25	22970206	NEEDLE BAR				1
26	11092251	LUBRICATING HOOK ASM.				1
27	11093804	POSITIONING FINGER H				1
28	B1505552000A	PRESSER SPRING				1
29	D1524555EBL	PRESSER FOOT ASM.				1
30	22962807	WIRE PRESSER PLATE (LOWER) B	FOR DDL-8700H-7-0B,-WB			1
31	SS7110740TP	SCREW 11/64-40 L=7	FOR DDL-8700H-7-0B,-WB			1
32	22963458	THREAD TENSION ASM.				1
33	22963409	THREAD TENSION SPRING		*		1
34	40080725	ADJUSTING LINK SPRING				1
35	22970602	FEED SPRING HOOK				1
36	11403003	FEED J				1
37	11096658	SOLENOID MOUNTING BASE ASM.	FOR DDL-8700H-7-0B,-WB			1
38	11231503	OIL PUMP SUPPORT	FOR DDL-8700H-7-0B,-WB			1
39	22962609	REVERSE FEED BASE COLLAR	FOR DDL-8700H-7-0B,-WB			1
40	22962906	PLUNGER ARM PIN	FOR DDL-8700H-7-0B,-WB			1
41	NS6110420SP	NUT 11/64-40	FOR DDL-8700H-7-0B,-WB			2
42	22962708	TUBE HOLDER LOWER	FOR DDL-8700H-7-0B,-WB			1
43	11094109	OIL TUBE				1
44	SD0700711TP	HINGE SCREW D=7 H=7.1	FOR DDL-8700H-7-0B,-WB			1
45	22962500	SOLENOID CONNECTING LINK H	FOR DDL-8700H-7-0B,-WB			1
46	WP0722316SH	WASHER	FOR DDL-8700H-7-0B,-WB			1
47	11101508	REVERSE FEED LINK	FOR DDL-8700H-7-0B,-WB			1

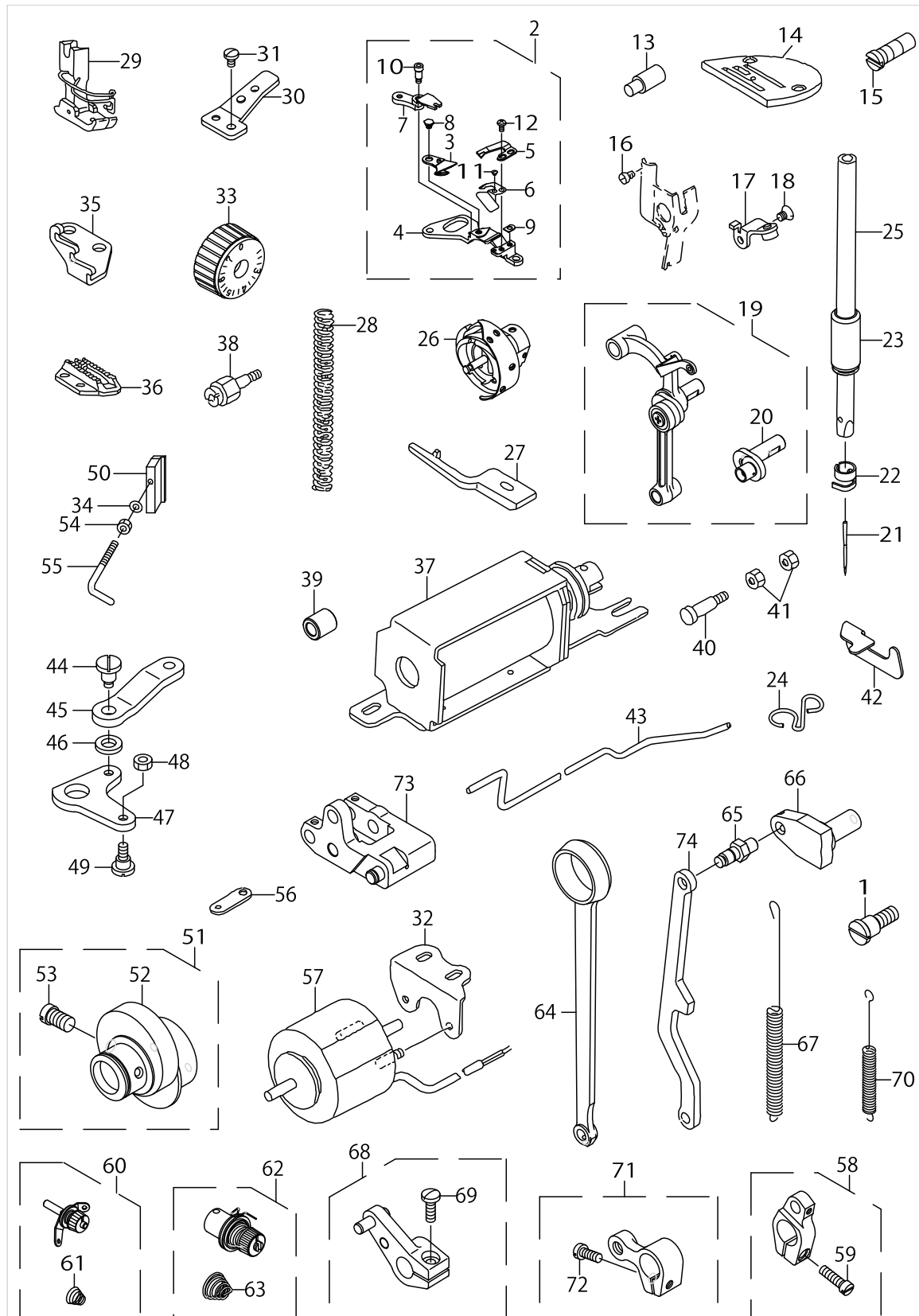
EXCLUSIVE PARTS FOR DDL-8700H-7



EXCLUSIVE PARTS FOR DDL-8700H-7

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	NS6110420SP	NUT 11/64-40	FOR DDL-8700H-7-0B,-WB			1
49	SD0700451TP	HINGE SCREW D=7 H=4.5	FOR DDL-8700H-7-0B,-WB			1
50	MC200501300	NEEDLE 134 NM130	FOR JE			1
51	22962351	FEED DRIVE ECCENTRIC CAM ASM.				1
52	11403805	THREAD GUIDE C FITTING PLATE				1
53	WP0371016SD	WASHER 3.7X8X1				1
54	NS6090310SP	NUT 9/64-40				1
55	22972608	ARM THREAD GUIDE C				1
56	11094604	CLUTCH LINK				1
57	11096500	THREAD TRIMMER SOLENOID				1
58	22962054	THREAD TENSION ASM.				1
59	22962005	THREAD TENSION SPRING		*		1
60	40101726	FEED_DIAL				1

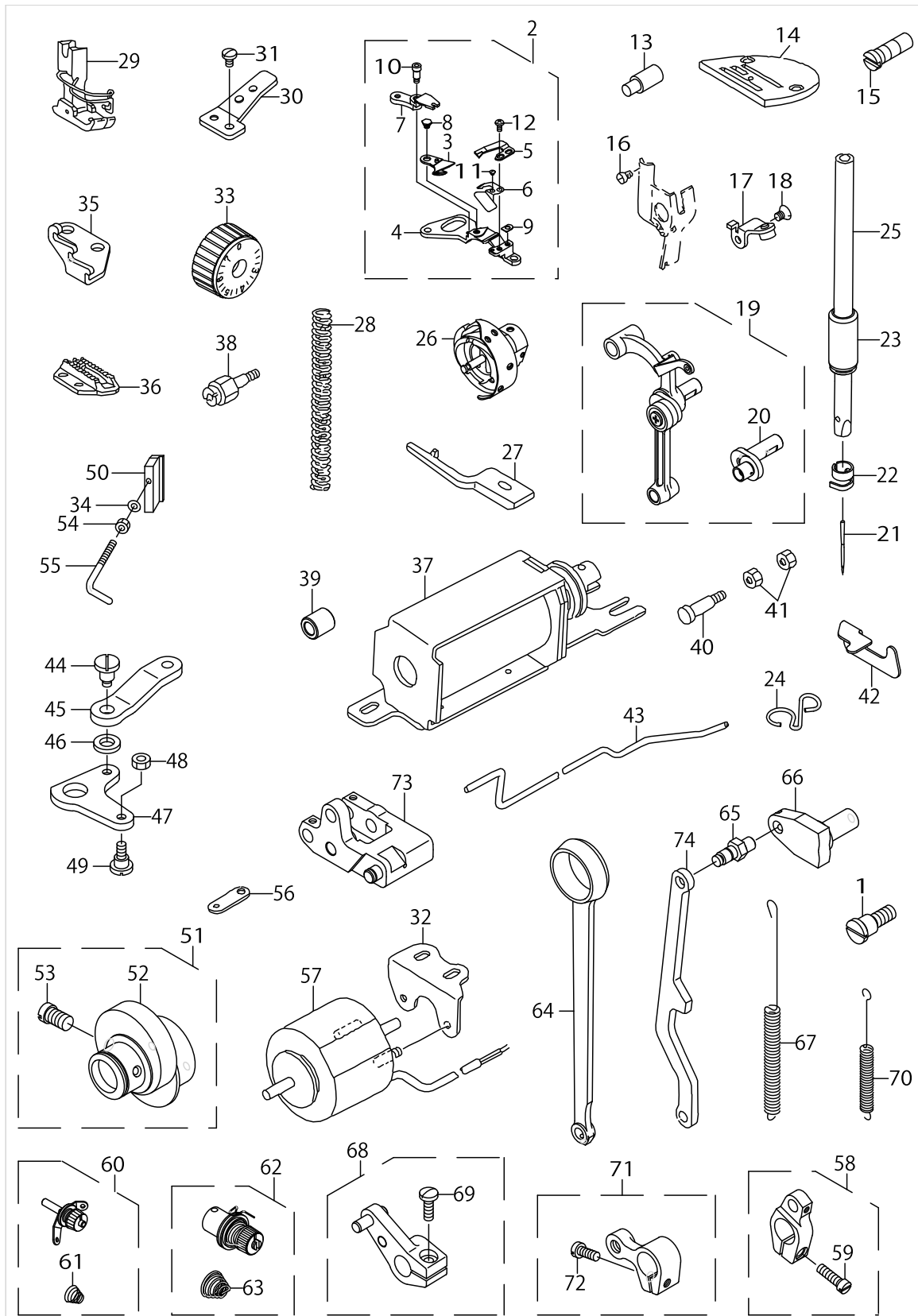
EXCLUSIVE PARTS FOR DDL-8700J-7



EXCLUSIVE PARTS FOR DDL-8700J-7

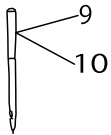
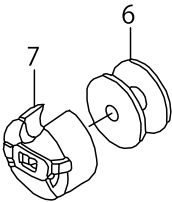
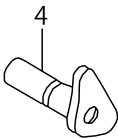
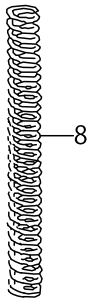
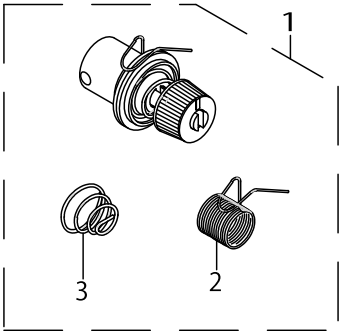
No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	40031249	HINGE SCREW				1
2	11095551	KNIFE UNIT				1
3	11409257	MOVING KNIFE J ASM.		*		1
4	11095502	KNIFE MOUNT BASE		*		1
5	40089755	FIX KNIFE		*		1
6	23645401	THREAD GUIDE FOR KNIFE H		*		1
7	11095601	KNIFE BRANCH		*		1
8	SD0500131TP	HINGE SCREW D=5 H=1.25		*		1
9	D2404555B00	COUNTER KNIFE SPACER		*		1
10	SD0460703TP	HINGE SCREW D=4.6 H=7		*		1
11	SS2060210SP	SCREW 3/32-56 L=2.3		*		1
12	SS4080620TP	SCREW 1/8-44 L=6		*		2
13	40010395	ADJUSTING LINK FULCRUM SHAFT B				1
14	11062007	THROAT PLATE A				1
15	B1213552000A	OIL ADJUSTING PIN				1
16	SS6080320SP	SCREW 1/8-44 L=2.5				1
17	11095254	LEVER STOPPER ASM.				1
18	SS1120710SP	SCREW 3/16-28 L=6.5				1
19	11062858	LINK THREAD TAKE-UP LEVER ASM.				1
20	11062809	NEEDLE BAR CRANK		*		1
21	MDP500B2100	NEEDLE DPX5 #21				1
22	22970404	NEEDLE BAR THREAD HOOK				1
23	22970313	NEEDLE BAR BUSHING LOWER				1
24	40012444	NEEDLE BAR THREAD GUIDE				1
25	22970206	NEEDLE BAR				1
26	40035058	HOOK ASM.				1
27	22942502	INNER HOOK PRESSER				1
28	B1505552000A	PRESSER SPRING				1
29	40064839	PRESSER FOOT ASM.				1
30	22962807	WIRE PRESSER PLATE (LOWER) B				1
31	SS7110740TP	SCREW 11/64-40 L=7				1
32	11094901	SOLENOID BASE				1
33	40039674	FEED DIAL				1
34	WP0371016SD	WASHER 3.7X8X1				1
35	22970602	FEED SPRING HOOK				1
36	11062601	FEED DOG				1
37	11096658	SOLENOID MOUNTING BASE ASM.				1
38	11231503	OIL PUMP SUPPORT				1
39	22962609	REVERSE FEED BASE COLLAR				1
40	22962906	PLUNGER ARM PIN				1
41	NS6110420SP	NUT 11/64-40				2
42	22962708	TUBE HOLDER LOWER				1
43	11094109	OIL TUBE				1
44	SD0700711TP	HINGE SCREW D=7 H=7.1				1
45	22962500	SOLENOID CONNECTING LINK H				1
46	WP0722316SH	WASHER				1
47	11101508	REVERSE FEED LINK				1

EXCLUSIVE PARTS FOR DDL-8700J-7



EXCLUSIVE PARTS FOR DDL-8700J-7

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
48	NS6110420SP	NUT 11/64-40				1
49	SD0700451TP	HINGE SCREW D=7 H=4.5				1
50	11403805	THREAD GUIDE C FITTING PLATE				1
51	22970552	FEED ECCENTRIC CAM ASM.				1
52	22970503	FEED ECCENTRIC CAM L		*		1
53	22972806	FEED ECCENTRIC CAM SETSCREW		*		2
54	NS6090310SP	NUT 9/64-40				1
55	22972608	ARM THREAD GUIDE C				1
56	11094604	CLUTCH LINK				1
57	11096500	THREAD TRIMMER SOLENOID				1
58	22970859	HORIZONTAL FEED ARM ASM.				1
59	SS6121610SP	SCREW 3/16-28 L=15.5		*		1
60	22963458	THREAD TENSION ASM.				1
61	22963409	THREAD TENSION SPRING		*		1
62	22962054	THREAD TENSION ASM.				1
63	22962005	THREAD TENSION SPRING		*		1
64	22970701	HORIZONTAL FEED ROD				1
65	22971204	FEED REGULATOR BASE PIN				1
66	22971303	FEED REGULATOR BASE				1
67	11302619	SPRING				1
68	22971550	FEED LEVER ARM ASM.				1
69	SS7121410TP	SCREW 3/16-28 L=14		*		1
70	22971709	FEED REVERSE SPRING				1
71	22972251	VERTICAL FEED ARM ASM.				1
72	SS6121610SP	SCREW 3/16-28 L=15.5		*		1
73	40031240	FEED ADJUST LINK ASM.				1
74	40031244	FEED ADJUST ROD				1



EXCLUSIVE PARTS FOR DDL-8700A-7

No.	Parts No.	Parts name	Remarks	Level	Cons	Qty
1	40011503	THREAD TENSION ASM.	FOR JE			1
2	40054784	THREAD TAKE-UP SPRING		*		1
3	40054785	THREAD TENSION SPRING		*		1
4	11092558	HAND LIFTER CAM ASM.				1
5	D1524555DBA	PRESSER FOOT ASM.				1
6	22964001	BOBBIN (A)				1
7	B18370120A0	BOBBIN CASE ASM.				1
8	B1505227T00A	PRESSER SPRING T				1
9	MC200500650	NEEDLE 134 NM65				1
10	MDA100B0900	NEEDLE DAX1 #9				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。

29347002
 No.1307-09・・・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 08	2	1	229-02159	A 09	2	1	401-02097
D 08	2	8	SS-4120915-SP	A 09	2	8	SS-4120925-SP
D 08	2	20	400-93432	A 09	2	20	401-11022
D 08	2	50	SS-4120915-SP	A 09	2	50	SS-4120925-SP
D 08	2	61	229-02605	A 09	2	61	400-99083
D 08	2	62	SS-7110540-SP	A 09	2	62	SS-7110720-SP
D 08	2	63	WP-0501016-SD				
				A 09	2	63	401-16677
D 08	2	64	SS-4121215-SP				
D 08	2	66	M6008-350-AAL				
D 08	2	67	M6008-350-AAA				
D 08	2	68	M6008-350-AAF				
D 08	4	4	110-39070	A 09	4	4	229-18072
D 08	4	5	110-39062	A 09	4	5	229-18064
D 08	4	6	B1905-541-B00	A 09	4	6	229-18403
				A 09	4	7	229-18502
				A 09	4	8	229-18601
				A 09	4	9	229-18700
D 08	4	7	110-05204	A 09	4	10	229-18106
D 08	4	8	B1408-552-000	A 09	4	11	229-06606
D 08	4	9	B1903-552-000	A 09	4	12	229-18304
D 08	4	10	229-03157	A 09	4	13	401-06606
D 08	4	21	110-02508	A 09	4	21	401-05231
D 08	6	1	229-01409	A 09	6	1	TA-0850604-R0
D 08	6	12	B1307-155-OC0				
D 08	6	13	B1306-155-OB0				
D 08	6	14	B1305-012-OA0	A 09	6	14	400-90002
D 08	6	16	B1306-155-OA0	A 09	6	16	400-90003
D 08	6	18	B1307-155-OB0				
D 08	6	19	B1307-155-OA0	A 09	6	19	400-90004
D 08	6	21	B1308-155-OA0	A 09	6	21	400-90005
D 08	6	36	229-17058	A 09	6	36	401-01694
D 08	6	45	SS-4120915-SP	A 09	6	13	SS-4120925-SP
D 08	10	31	229-40803	A 09	10	31	401-01462
D 08	10	43	229-10350	A 09	10	43	401-10379
D 08	10	45	229-15151	A 09	10	45	401-09422

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。

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11009800	16	5·68	11110152	24	20	22908156	12	40
11010311	14	17	11141355	10	24·34	22908305	12	44
11015906	10	39	11231503	34	38	22908354	12	39
11028008	4	60·64	11231503	38	38	22908552	12	4
11030202	4	59	11302619	40	67	22908701	12	7
11037405	14	22	11313103	18	7	22908800	12	14
11038650	10	24·34	11400801	34	14	22908909	12	11
11038759	10	42	11403003	34	36	22909006	12	13
11040052	18	5	11403805	36	52	22910004	8	48
11040300	18	6	11403805	40	50	22910053	6	46
11040359	18	1	11409257	34	3	22910103	6	42
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11040508	18	3	11415205	4	28·58	22910459	16	60
11040854	18	45	22900401	2	10	22910806	14	28
11040953	18	44	22900609	2	28·58	22910905	14	24
11062007	38	14	22900757	2	4	22911002	14	40
11062601	38	36	22901003	4	55	22911101	14	13
11062809	38	20	22901201	4	52	22911408	14	23
11062858	38	19	22901250	4	51	22911507	14	2
11091600	34	20	22901300	4	53	22911606	14	4
11091659	34	19	22901805	2	14	22911705	14	5·68
11092251	34	26	22903009	6	44	22911804	14	7
11092558	42	4	22903108	6	15	22912000	14	9
11093804	34	27	22903207	6	25	22912109	14	8
11094109	34	43	22903306	6	27	22912257	14	19
11094109	38	43	22903900	6	40	22912505	14	20
11094604	36	56	22904155	6	23	22912802	16	65
11094604	40	56	22904155	16	61	22912901	14	39
11094901	34	1	22905004	10	23	22913008	16	51
11094901	38	32	22905103	10	25	22913701	14	38
11095254	34	17	22905202	10	26	22913800	16	12·52
11095254	38	17	22906101	10	2	22914105	16	69
11095403	34	6	22906200	10	8	22915003	14	15
11095502	34	4	22906309	10	10	22915201	16	48
11095502	38	4	22906457	10	4	22915359	16	58
11095551	34	2	22906606	6	11	22916001	10	31
11095551	38	2	22907208	12	34	22916100	10	35
11095601	34	7	22907307	12	36	22916308	10	27
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11096500	36	57	22907505	12	32	22916555	10	38
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22918502	6	6~9	22928303	30	21	22940951	14	27
22918601	6	6~9	22928402	30	20	22941108	14	1
22918700	6	6~9	22928501	30	14	22941306	14	36
22919203	6	29	22928709	30	26	22942502	10	32
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22921308	2	33	22932156	28	7	22945414	2	22
22921407	2	34	22932206	28	11	22945463	2	21
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22923908	26	22	22934251	28	19	22949762	18	23
22924005	26	30	22934301	28	23	22949903	20	55
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22924302	26	7	22934509	28	25	22950109	18	31
22924401	26	3	22934608	28	20	22950208	18	14
22924500	26	11	22934707	28	15	22950257	18	13
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22924708	26	1	22937056	6	34	22950703	18	25
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22953905	22	19	22970206	38	25	40085786	32	4
22954002	22	28	22970313	34	23	40085787	32	5
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22954507	22	13	22970602	38	35	40085793	32	11
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B1613012A00	16	33-70	RE0400000K0	18	39	SM4041655SP	22	7
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B3118552E00	2	43	RE0500000K0	12	43	SM8063012TR	28	10
B8228125000	28	26	RE0500000K0	14	21	SM9061203SE	28	24
CM300200001	2	12	RE0500000K0	18	56	SS1120710SP	34	18
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D2404555B00	38	9	RE1000000K0	28	12	SS2110920TP	2	45
D2406555D0H	18	10	RE1200000K0	22	20	SS4080620TP	14	34
D2468555B00	22	22	RO029180100	6	41	SS4080620TP	18	9
EA9500B0100	6	28	RO037180100	12	3	SS4080620TP	34	12
HA001900000	22	11	RO044240100	6	18	SS4080620TP	38	12
HA00600000A	24	17	RO078190100	16	63	SS4090615SP	6	19
HK034610140	18	11	RO092270200	14	16	SS4110515SP	12	16
HK03464000B	22	29	RO098240100	28	6	SS4110515SP	14	37
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MC200501300	36	50	SD0460703TP	38	10	SS4120615SP	2	29
MDA100B0900	42	10	SD0490261SP	30	23	SS4120615SP	12	27
MDB100B1400	10	11-28	SD0500131TP	34	8	SS4120615SP	22	27-30
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NM6040001SE	20	52	SD0630275SP	18	18	SS4120915SP	24	26
NM6050001SE	32	24	SD0640631TP	20	60	SS4120925SP	2	50
NM6060001SE	28	18	SD0641451SP	18	17	SS4120925SP	4	50
NS6090310SP	24	5	SD0650321TP	24	4	SS4120925SP	10	13
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SS6060210SP	4	54	SS8660610TP	6	24
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SS6080410SP	2	3	SS8660810TP	12	37
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SS6090620TP	14	41	TA0850604R0	10	1
SS6090670TP	10	5	TA1250406R0	4	49
SS6090670TP	14	3	TA1250705R0	2	6
SS6090910SP	12	38	TA2000502R0	2	16
SS6110420TP	10	30	TA2101002R0	2	19
SS6110610TP	4	48	WP0371016SD	36	53
SS6110710TP	20	54	WP0371016SD	38	34
SS6111010TP	26	25	WP0450801SD	6	32
SS6111210SP	6	37	WP0450826SC	30	31
SS6121610SP	14	44	WP0480856SP	16	57
SS6121610SP	40	72	WP0501016SD	30	10
SS6121840SP	2	17	WP0531001SC	32	22
SS6121860SP	14	11	WP0621016SH	18	32
SS6660610TP	18	20	WP0722316SH	34	46
SS6661110SP	6	47	WP0722316SH	38	46
SS6700710SH	28	5	WP1602616SZ	22	21
SS7080510TP	10	9	WP1612616SE	32	15
SS7081310SP	30	24	WS0410002KR	20	51
SS7090610SP	18	42	WS0451040KP	26	29
SS7091110TP	12	6	WS0510002KN	32	21
SS7110350SP	30	19	WS0651310KP	26	27
SS7110720SP	4	62	WT0530002KS	4	56
SS7110740TP	16	53			
SS7110740TP	34	31			
SS7110740TP	38	31			
SS7111120SP	16	59			
SS7120770SH	14	6			
SS7121410TP	16	56			
SS7121410TP	40	69			
SS7121610SP	14	46			
SS7681650TP	6	14			
SS8090670SP	2	41			
SS8110410TP	10	37			
SS8110510SP	30	25			
SS8110520TP	18	22			