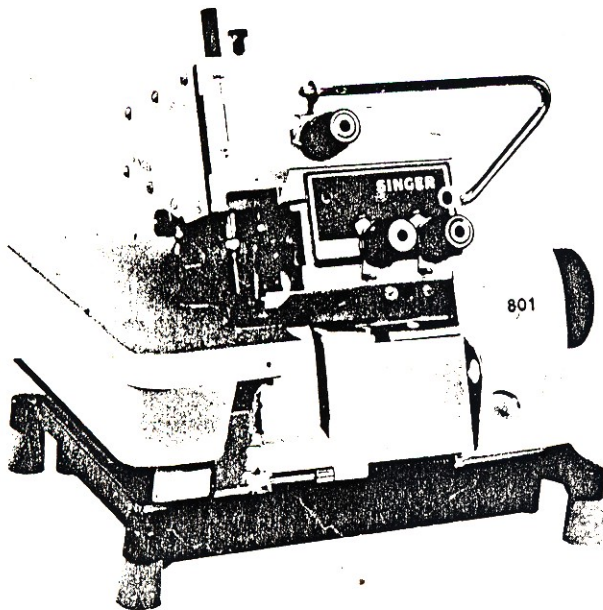


PARTS BOOK

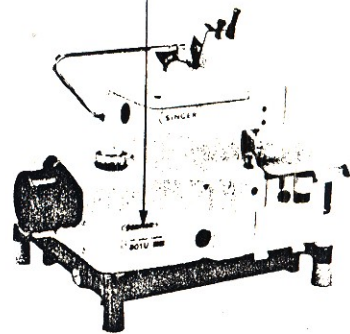
FOR

SINGER 801U

561



P801302



Single Needle Overedge Machine

Cavemac

Controle do Acervo de Catálogos

Identificação	75
Edição	1979
Conteúdo	SINGER 801U

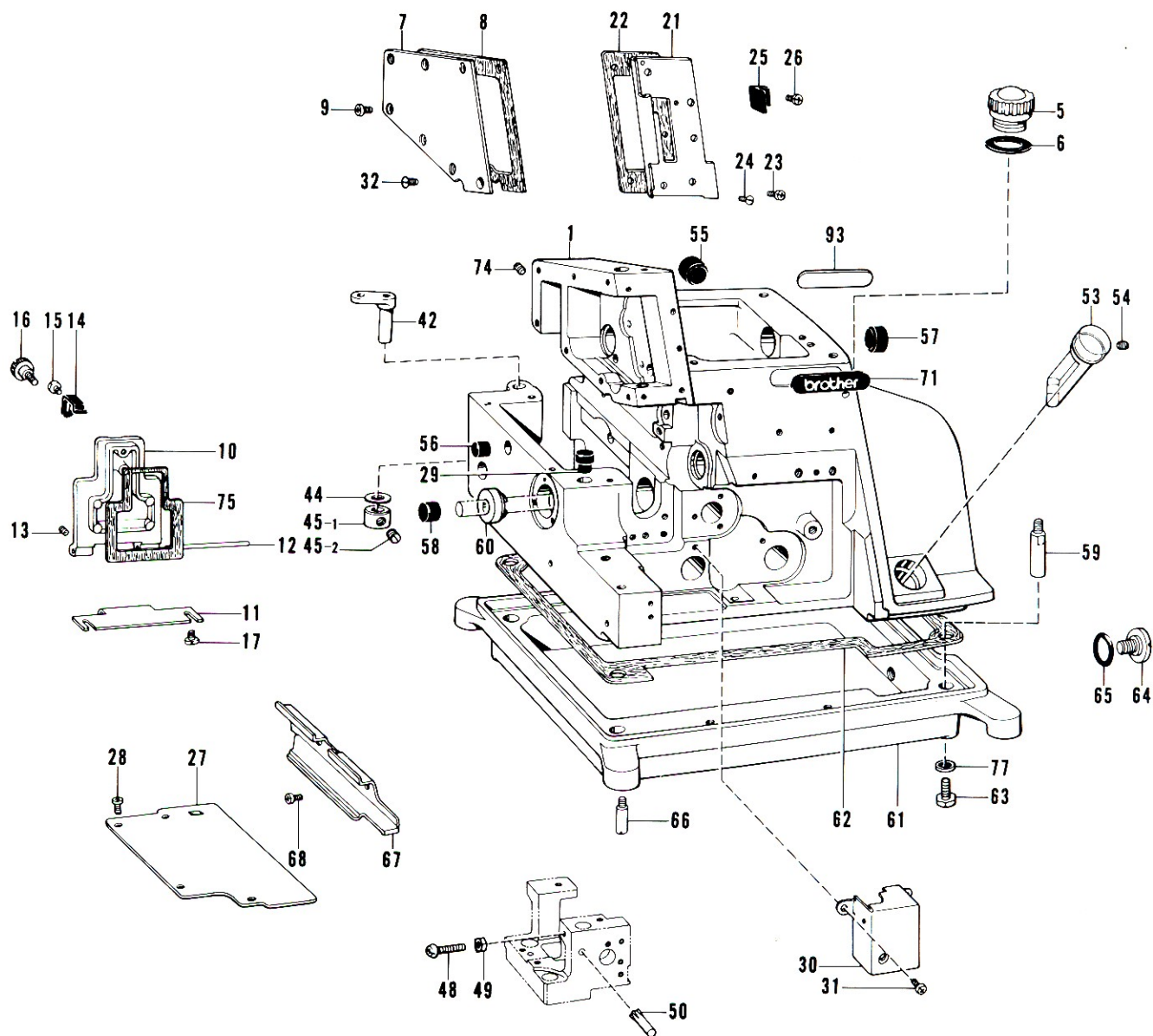
THE SINGER COMPAN

00000075

 - ORIGINAL

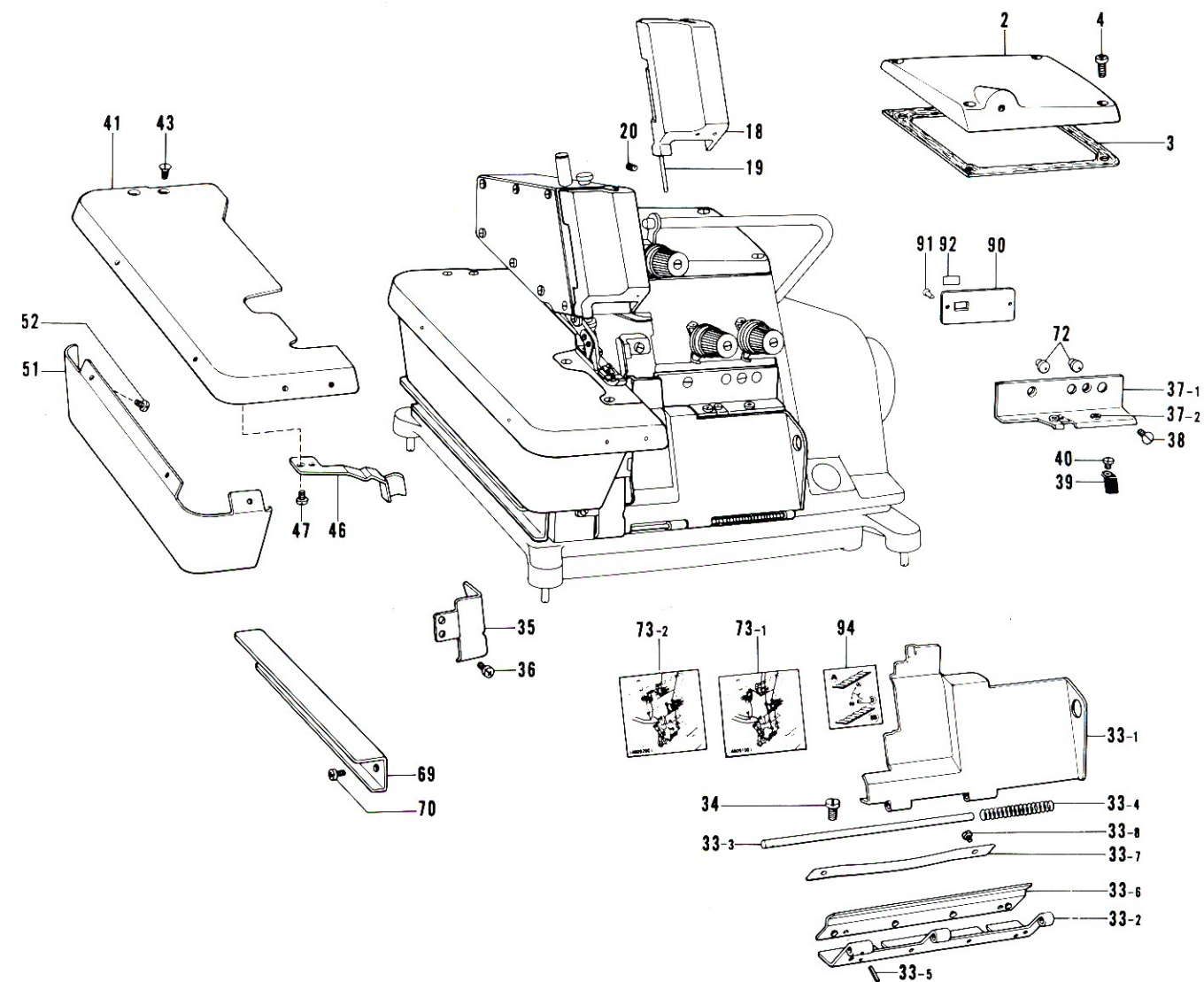


A. Machine body (I) / Maschinengehäuse (I)
Corps de machine (I) / Cuerpo de la máquina (I)



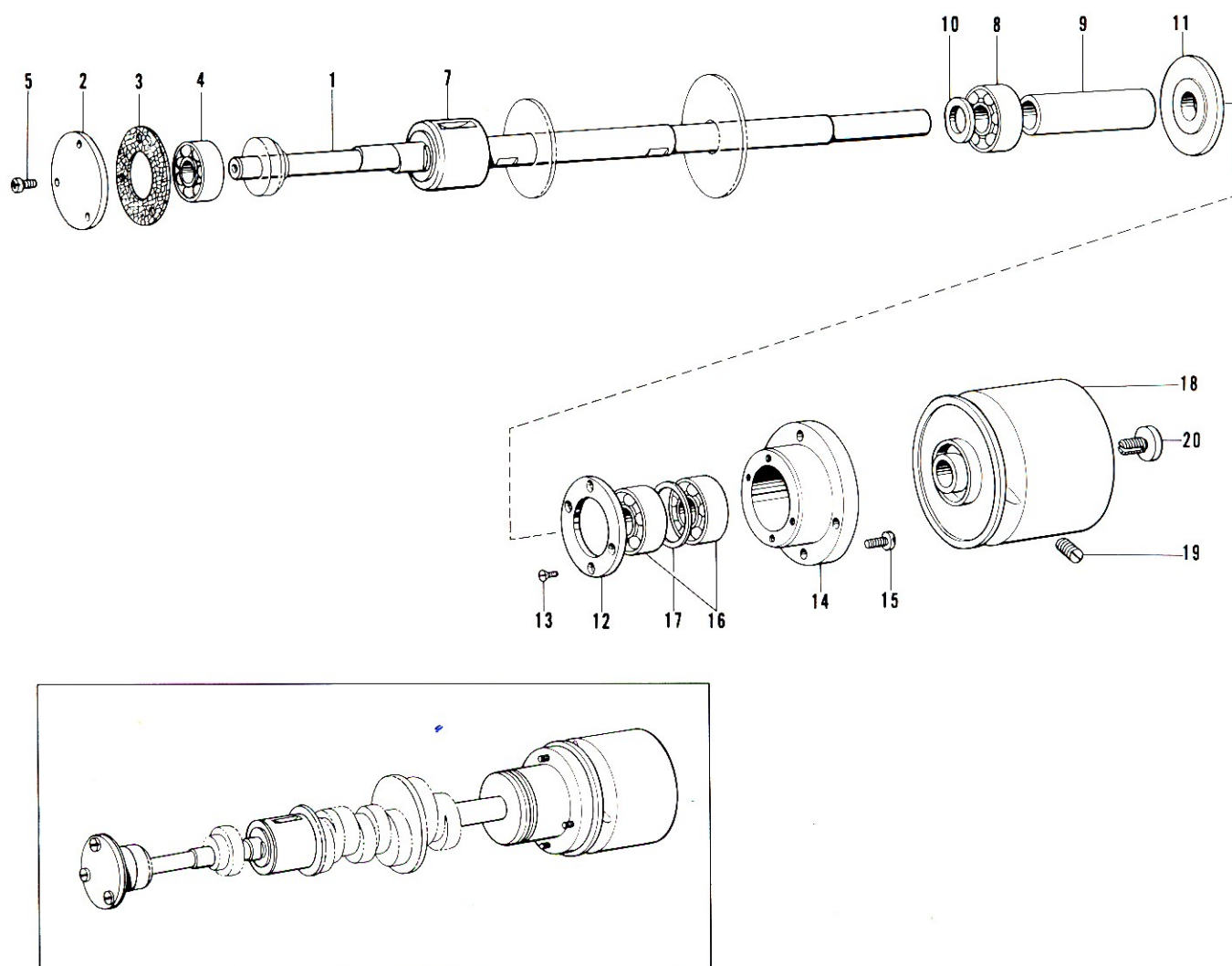
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Machine Body	1			44	Washer	1	141183-000	
5	Cap for Oil Feeding Hole	1	146421-000		45-1	Set Collar	1		A-45
6	Packing	1	113589-001		45-2	Screw 6.35	2	101706-001	Collar Assembly
7	Cover for Needle Driving Mechanism	1	148067-001		48	Screw 357 - 40 x 14	1	062671-412	181969-003
8	Packing	1	148068-000		49	Nut 3.57	1	021670-202	
9	Screw 437 - 40 x 7	6	062680-716		50	Pin	1	117608-001	
10	Cover for Feed Mechanism (B)	1	148069-001		53	Oil Gauge	1	148084-001	
11	Feed Mechanism Cover Hinge	1	148070-001		54	Screw 4.37	1	014680-422	
12	Hinge Shaft	1	148071-000		55	Oil Cap	1	140066-001	
13	Screw 3.18	1	146427-001		56	Oil Cap	1	146315-000	
14	Stopper Spring	1	148072-001		57	Oil Cap	1	140066-001	
15	Screw 357 - 40 x 6	1	062670-612		58	Oil Cap	1	140065-001	
16	Screw 3.57	1	129984-002		59	Machine Body Leg	4	148085-001	
17	Screw 437 - 40 x 7	2	062680-712		60	Bushing	1	148086-000	
21	Face Plate	1	148074-001		61	Oil Reservoir	1	148087-001	
22	Packing	1	148075-000		62	Packing	1	148088-000	
23	Screw 357 - 40 x 6	2	062670-612		63	Bolt 6.35 x 16	4	017771-612	
24	Screw 3.57	1	102843-004		64	Screw 9.52	1	110641-002	
25	Stopper Spring	1	140041-001		65	Packing	1	109203-001	
26	Screw 357 - 40 x 6	1	062670-612		66	Set Pin for Cushion	4	140077-001	
27	Cover for Feed Mechanism (A)	1	148076-001		67	Cloth Guide (L)	1	148089-001	
28	Screw 357 - 40 x 6	4	062670-612		68	Screw 357 - 40 x 6	2	062670-612	
29	Cloth Plate Cushion	1	148077-001		71	Name Plate	1		
30	Inside Cover	1	148078-001		74	Screw 5.95	2	013760-612	
31	Screw 357 - 40 x 6	2	062670-612		75	Packing	1	148859-000	
32	Screw 4.37	1	100032-003		77	Washer	4	159476-000	
42	Cloth Plate Supporter	1	143374-001		93	Parts Book Number Plate	1		

A. Machine body (2) / Maschinengehäuse (2)
Corps de machine (2) / Cuerpo de la máquina (2)



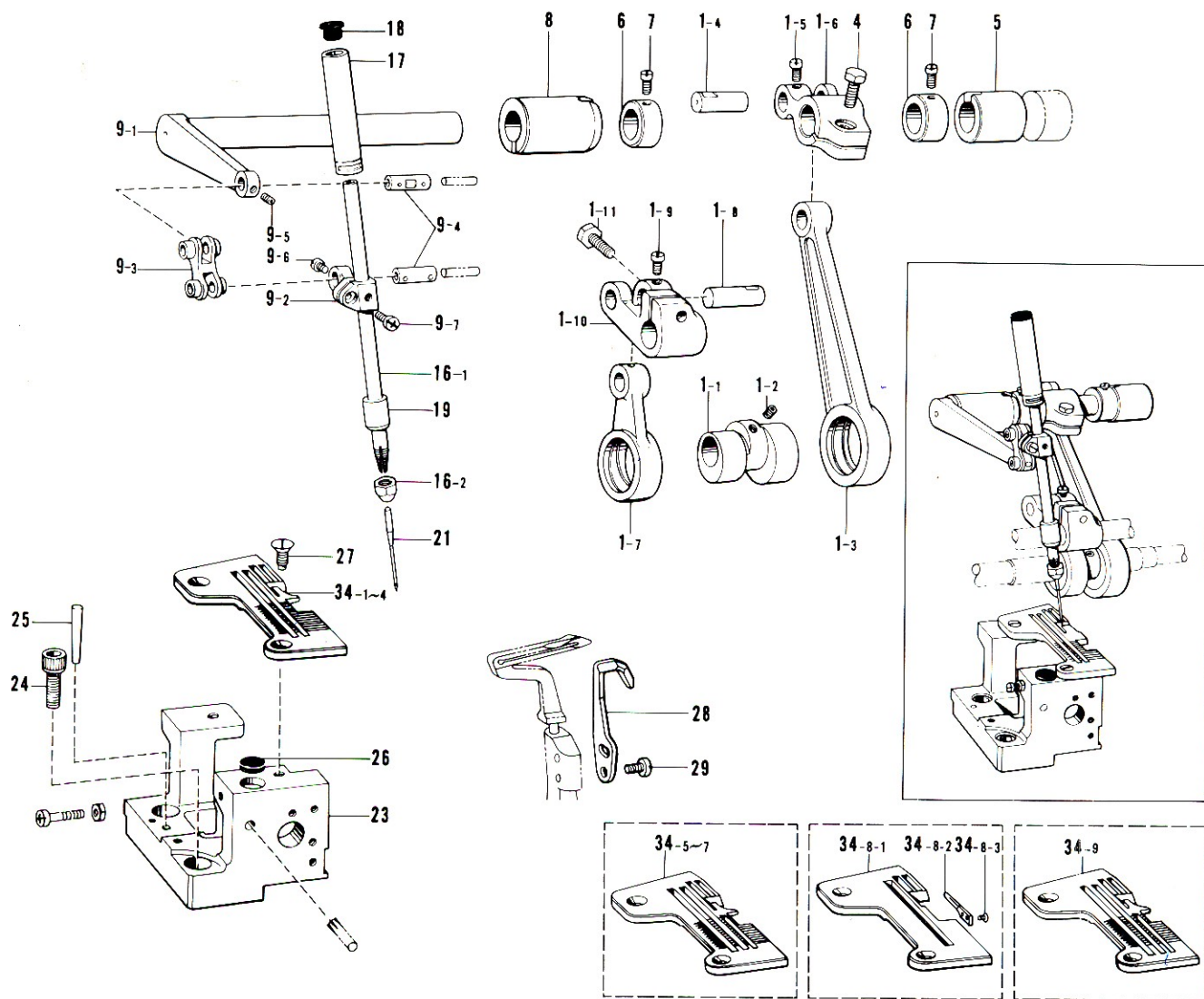
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
2	Top Cover	1	148065-001		38	Screw 4.37	2	117160-001	
3	Packing	1	148066-000		39	Stopper Spring for Front Cover	1	146446-001	
4	Screw 437 - 40 x 14	4	062681-412		40	Screw 3.57 x 4.5	1	123185-001	
18	Face Plate Cover	1	148073-001		41	Cloth Plate	1	148082-001	
9	Pin for Face Plate	1	146426-000		43	Screw 4.37	2	100032-003	
20	Screw 3.18	1	146427-001		46	Stopper Spring for Cloth Plate	1	148304-001	
33-1	Front Cover	1		A-33 Front Cover Assembly 148982-001	47	Screw 357 - 40 x 6	2	062670-612	
33-2	Front Cover Hinge	1	146440-001		51	Cloth Plate Lower	1	148083-001	
33-3	Shaft for Front Cover	1	146441-000		52	Screw 3.57	3	106568-003	
33-4	Spring	1	146442-001		69	Frame Hanger	1	148090-001	
33-5	Spring Pin 1.4 x 8	1	047140-842		70	Screw 437 - 40 x 7	3	062680-712	
33-6	Hinge Cover	1	148984-001		72	Oil Cap	2	143196-001	
33-7	Hinge Cover Presser Plate	1	152194-001		73-1	Threading Diagram	1	148091-001	
33-8	Screw 357 - 40 x 4	2	062670-412		73-2	Threading Diagram	1	148092-001	
34	Screw 4.37	2	107407-003		90	Model Plate B561	1		
35	Front Cover Guide	1	148081-001		91	Pin	2		
36	Screw 357 - 40 x 6	2	062670-612		92	Label	1	146974-	
37-1	Supporter for Front Cover	1		A-37 Supporter for Front Cover Assembly 146713-001	94	Label	1	147943-001	
37-2	Thread Bushing	2	146924-000						

B. Crank shaft mechanism / Kurbelwelle
Mécanisme du vilebrequin / Mecanismo del cigüeñal



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Crank Shaft	1	148109-001		12	Bearing Cover	1	110673-000	
2	Bearing Cap	1	143311-001		13	Screw 3.18	4	107244-001	
3	Packing	1	143312-000		14	Bearing Case	1	110670-000	
4	Bearing 6000	1	072600-000		15	Screw 437 - 40 x 10	4	062681-012	
5	Screw 357 - 40 x 8	3	062670-812		16	Bearing 6001	2	072600-100	
7	Crank Shaft Bushing (L) Assembly	1	148373-000		17	Thrust Washer	1	110672-000	
8	Bearing 6001	1	072600-100		18	Pulley	1	140085-003	
9	Crank Shaft Bushing (L) Assembly	1	148111-000		19	Screw 5.95	2	013761-410	
10	Spacer	1	148112-000		20	Cap Screw	1	140180-001	
11	Oil Rejector	1	140084-000						

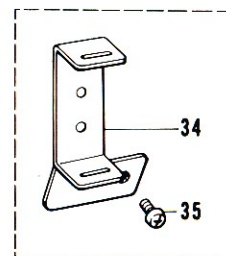
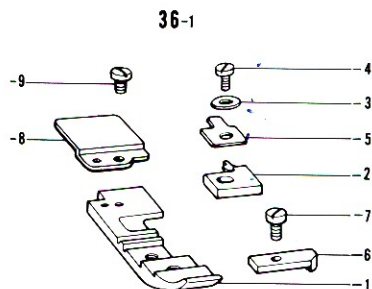
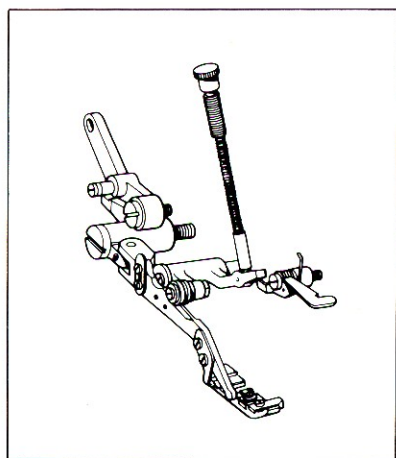
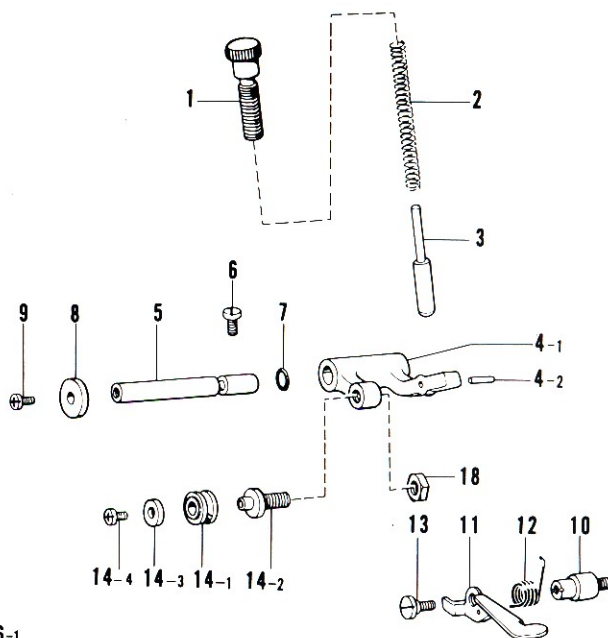
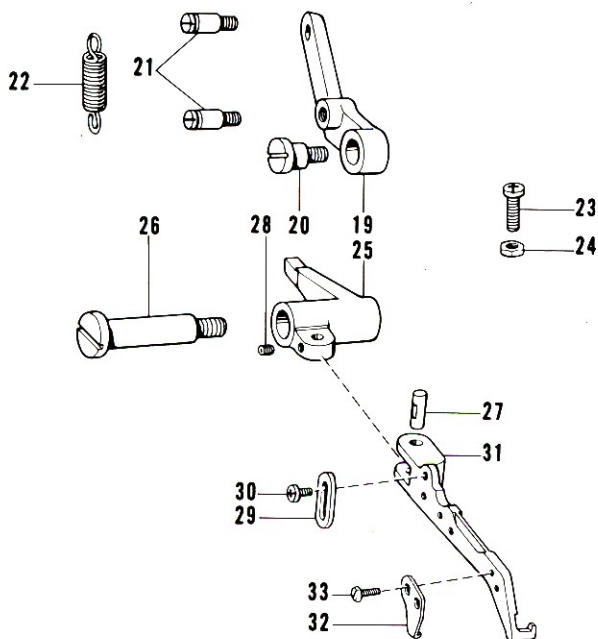
C. Needle bar mechanism / Nadelstangenvorrichtung
Mécanisme du la barre à aiguille / Mecanismo de la barra de aguja



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1- 1	Needle Bar, Upper Knife Eccentric Cam	1		C-1 Needle Arm Driving Crank Rod Assembly 148858-001	16-1	Needle Bar	1		C-16 Needle Bar Assembly 147629-001
1- 2	Screw 6.35	2	148857-001		16-2	Needle Clamp Nut	1	147631-001	
1- 3	Needle Bar Driving Crank Rod	1			17	Needle Bar Bushing (U)	1	148123-001	
1- 4	Rod Pin	1	148117-001		18	Cap	1	114255-002	
1- 5	Screw 4.37	1	100366-001		19	Needle Bar Bushing (D)	1	146486-000	
1- 6	Needle Arm Driving Lever	1	148118-001		21	Needle DC x 1	1	112297-	
1- 7	Upper Knife Driving Rod	1			23	Needle Plate Support Bracket	1	148124-002	
1- 8	Rod Pin	1	148117-001		24	Bolt 6 x 16	2	018061-622	
1- 9	Screw 4.37	1	100366-001		25	Pin	1	107351-001	
1-10	Upper Knife Driving Lever	1			26	Cloth Plate Cushion (B)	1	111486-001	
1-11	Bolt 5.95 x 16	1	017761-612		27	Screw 4.37	2	100032-003	
4	Bolt 5.95 x 16	1	017761-612	C-9 Needle Bar Crank Shaft Assembly 148269-001	28	Movable Needle Guard	1	144127-001	C-34-8 Needle Plate 153544-001 (Curling)
5	Needle Shaft Bushing (Right)	1	148120-000		29	Screw 357 - 40 x 8	2	062670-812	
6	Set Collar	2	140092-001		34-1	Needle Plate	1	146730-001	
7	Screw 4.37	4	100366-001		34-2	Needle Plate	1	146731-001	
8	Needle Shaft Bushing (Left)	1	148121-000		34-3	Needle Plate	1	146732-001	
9-1	Needle Bar Crank Shaft	1			34-4	Needle Plate	1	146733-001	
9-2	Needle Bar Clamp	1	148122-001		34-5	Needle Plate	1	146734-001	
9-3	Needle Bar Link	1	148270-001		34-6	Needle Plate	1	146735-001	
9-4	Needle Bar Link Stud	2	148271-001		34-7	Needle Plate	1	146736-001	
9-5	Screw 3.18	1	146427-001		34-8-1	Needle Plate	1		
9-6	Screw 318 - 40 x 4	1	062660-412		34-8-2	Tongue Plate	1	148354-101	
9-7	Screw 357 - 40 x 8	1	062670-812		34-8-3	Screw 1.59	2	148355-001	
					34-9	Needle Plate (Ruffling)	1	146737-001	

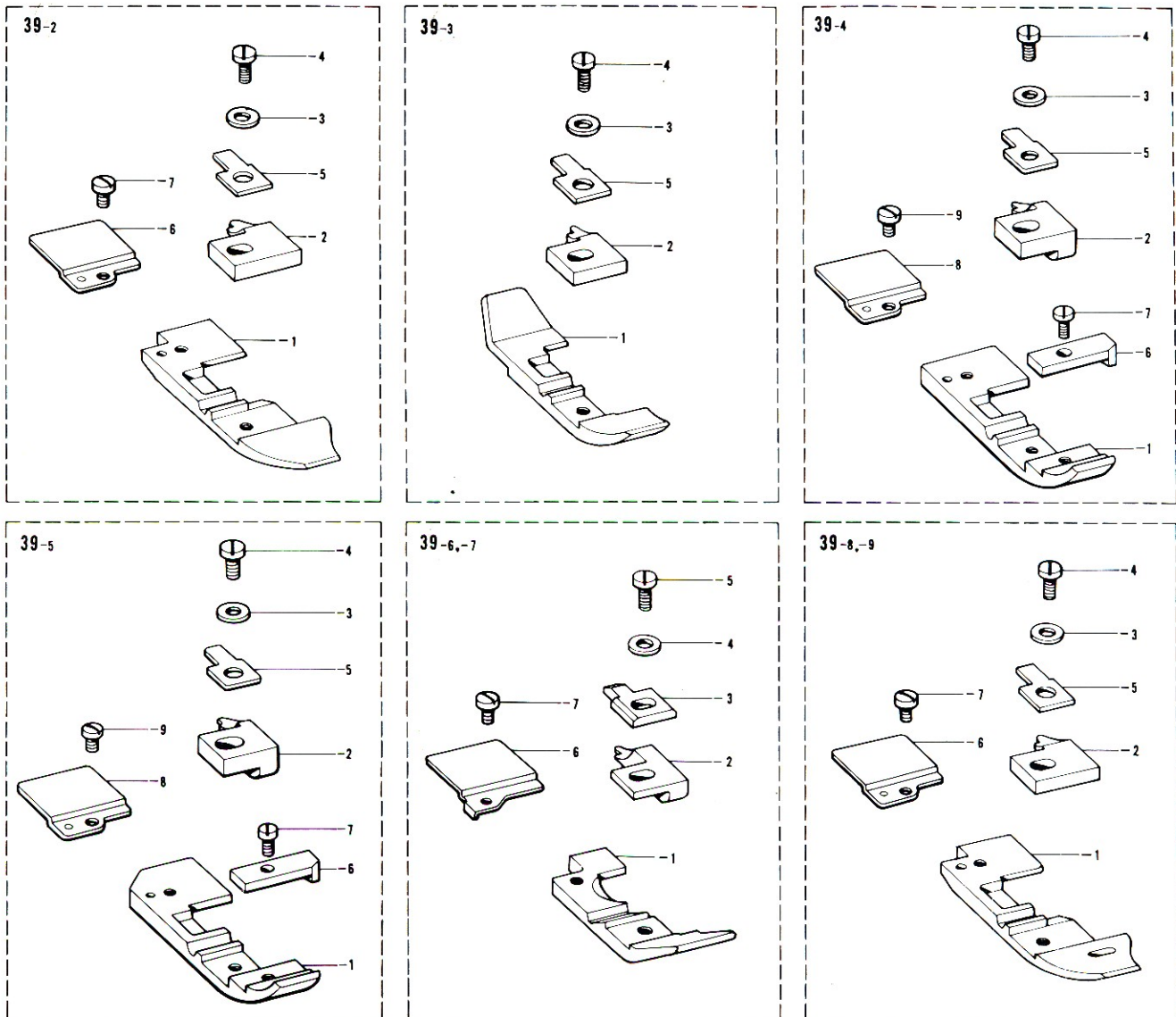
D. Presser foot mechanism (1) / Stoffdrückerfuß (1)
 Mécanisme du pied presseur (1) / Mecanismo del prensa telas (1)

MECANISMO DO
 SUPORTE DO
 CHACOTA



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Presser Adjusting Screw	1	148128-001		22	Spring	1	148145-001	
2	Spring	1	148129-001		23	Screw 437 - 40 x 16	1	062681-612	
3	Pin	1	148130-001		24	Nut 4.37	1	021680-202	
4-1	Presser Bar Lever	1		D-4 Presser Bar Lever Assembly 148131-001	25	Presser Foot Supporter	1	148146-001	
4-2	Rollar	1	148133-001		26	Stud Screw 7.94	1	148147-001	
5	Presser Bar Lever Shaft	1	148134-001		27	Pin	1	158438-001	
6	Screw 4.37	1	104908-001		28	Screw 3.18	1	146427-001	
7	"O" Ring PW 2	1	081002-670		29	Presser Arm Stopper	1	148148-001	
8	Washer	1	148135-001		30	Screw 318 - 40 x 4	2	062660-412	
9	Screw 437 - 40 x 7	1	062680-712		31	Main Presser Arm	1	148149-001	
10	Presser Bar Lifter Bracket	1	148136-001		32	Presser Foot Stopper	1	140504-001	
11	Presser Bar Lifter	1	148137-001		33	Screw 318 - 40 x 5	2	060660-512	
12	Spring	1	148138-001		34	Tape Guide	1	146883-001	
13	Stud Screw 3.57	1	148139-001		35	Screw 318 - 40 x 4	2	062660-412	
14-1	Presser Arm Roller	1		D-14 Presser Arm Roller Assembly 148346-001	36-1-1	Presser Foot	1		D-36-1 Presser Foot Assembly 146884-101
14-2	Presser Arm Roller Stud	1			36-1-2	Presser Foot Stitch Tongue	1	146886-001	
14-3	Washer	1	148813-001		36-1-3	Washer 3	1	025030-132	
14-4	Screw 357 - 40 x 5	1	062670-512		36-1-4	Screw 3.18	1	100080-004	
18	Nut 5.95	1	100022-005		36-1-5	Presser Foot Hinge Spring	1	146887-001	
19	Presser Foot Lifter Lever	1	148143-001		36-1-6	Presser Foot (Front)	1	146888-001	
20	Stud Screw 6.35	1	141528-002		36-1-7	Screw 2.38 x 3.5	1	S01295-001	
21	Spring Hook	2	148144-001		36-1-8	Presser Foot (Rear)	1	154969-001	
					36-1-9	Screw 2.38	1	105288-001	

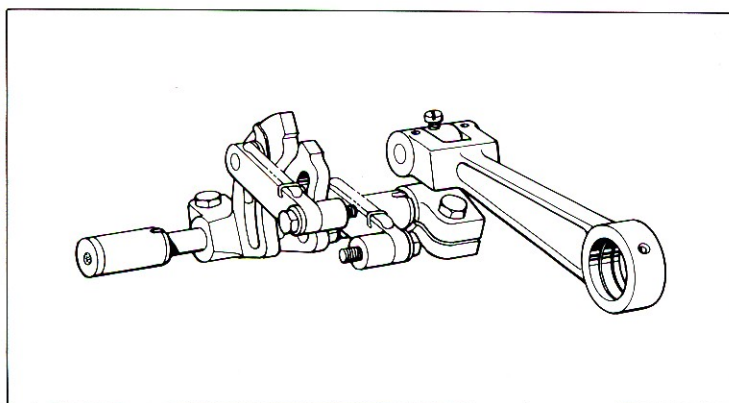
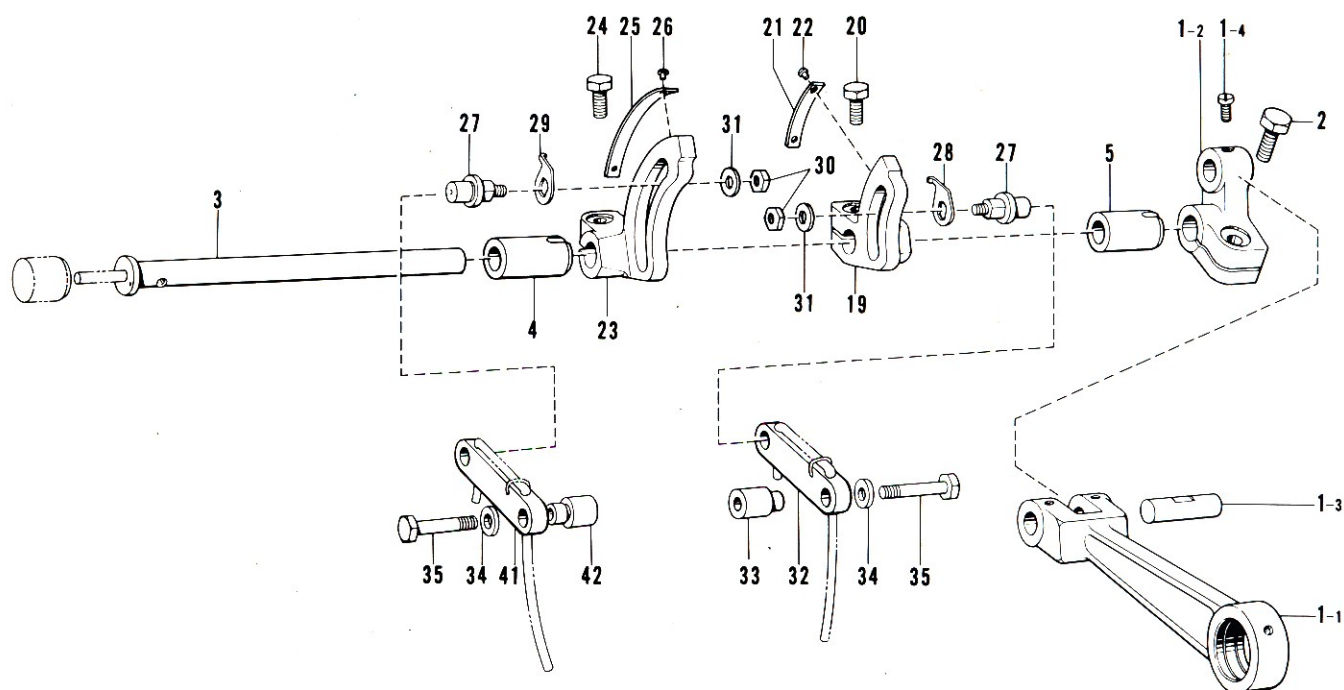
D. Presser foot mechanism (2) / Stoffdrückerfuß (2)
Mécanisme du pied presseur (2) / Mecanismo del prensa telas (2)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
36-2-1	Presser Foot	1		D-36-2 Presser Foot Assembly 154974-001 (Bulky)	36-6-1	Presser Foot (U)	1		D-36-6 Presser Foot Assembly 154971-001 (Ruffling)
36-2-2	Presser Foot Stitch Tongue	1	146900-001		36-6-2	Presser Foot Stitch Tongue (U)	1	144813-001	
36-2-3	Washer 3	1	025030-132		36-6-3	Presser Foot Plate	1	144091-001	
36-2-4	Screw 3.18	1	100080-004		36-6-4	Washer 3	1	025030-132	
36-2-5	Presser Foot Hinge Spring	1	146887-001		36-6-5	Screw 3.18	1	100080-004	
36-2-6	Presser Foot (Rear)	1	154969-001		36-6-6	Presser Foot (Rear)	1	154972-001	
36-2-7	Screw 2.38	1	105288-001		36-6-7	Screw 2.38	1	105288-001	
36-3-1	Presser Foot	1		D-36-3 Presser Foot Assembly 146890-001 (Blind-Hemming)	36-7-1	Presser Foot	1		D-36-7 Presser Foot Assembly 154975-001 (Piping, Ruffler)
36-3-2	Presser Foot Stitch Tongue	1	146892-001		36-7-2	Presser Foot Stitch Tongue (U)	1	144813-001	
36-3-3	Washer 3	1	025030-132		36-7-3	Presser Foot Plate	1	144091-001	
36-3-4	Screw 3.18	1	100080-004		36-7-4	Washer 3	1	025030-132	
36-3-5	Presser Foot Hinge Spring	1	146887-001		36-7-5	Screw 3.18	1	100080-004	
36-4-1	Presser Foot	1		D-36-4 Presser Foot Assembly 154970-101 (Serging)	36-7-6	Presser Foot (Rear)	1	154972-001	D-36-8 Presser Foot Assembly 159367-001 (Taping 3mm)
36-4-2	Presser Foot Stitch Tongue	1	146894-001		36-7-7	Screw 2.38	1	105288-001	
36-4-3	Washer 3	1	025030-132		36-8-1	Presser Foot	1		
36-4-4	Screw 3.18	1	100080-004		36-8-2	Presser Foot Stitch Tongue	1	159369-001	
36-4-5	Presser Foot Hinge Spring	1	146887-001		36-8-3	Washer 3	1	025030-132	
36-4-6	Presser Foot (Front)	1	146888-001		36-8-4	Screw 3.18	1	100080-004	
36-4-7	Screw 2.38 x 3.5	1	S01295-001		36-8-5	Presser Foot Hinge Spring	1	146887-001	
36-4-8	Presser Foot (Rear)	1	154969-001	D-36-5 Presser Foot Assembly 153547-001 (Curling)	36-8-6	Presser Foot (Rear)	1	154969-001	D-36-9 Presser Foot Assembly 146895-101 (Taping)
36-4-9	Screw 2.38	1	105288-001		36-8-7	Screw 2.38	1	105288-001	
36-5-1	Presser Foot	1			36-9-1	Presser Foot	1		
36-5-2	Presser Foot Stitch Tongue	1	148313-001		36-9-2	Presser Foot Stitch Tongue	1	146897-001	
36-5-3	Washer 3	1	025030-132		36-9-3	Washer 3	1	025030-132	
36-5-4	Screw 3.18	1	100080-004		36-9-4	Screw 3.18	1	100080-004	
36-5-5	Presser Foot Hinge Spring	1	146887-001		36-9-5	Presser Foot Hinge Spring	1	146887-001	
36-5-6	Presser Foot (Front)	1	146888-001		36-9-6	Presser Foot (Rear)	1	154969-001	
36-5-7	Screw 2.38 x 3.5	1	S01295-001		36-9-7	Screw 2.38	1	105288-001	
36-5-8	Presser Foot (Rear)	1	154969-001						
36-5-9	Screw 2.38	1	105288-001						

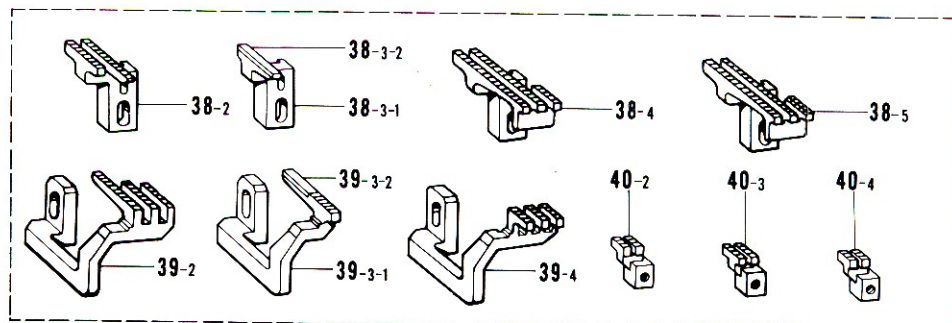
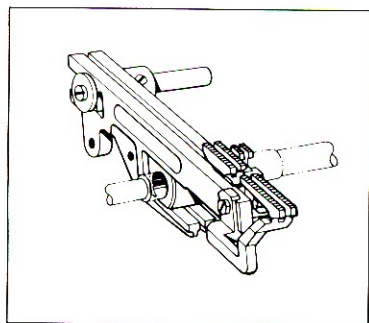
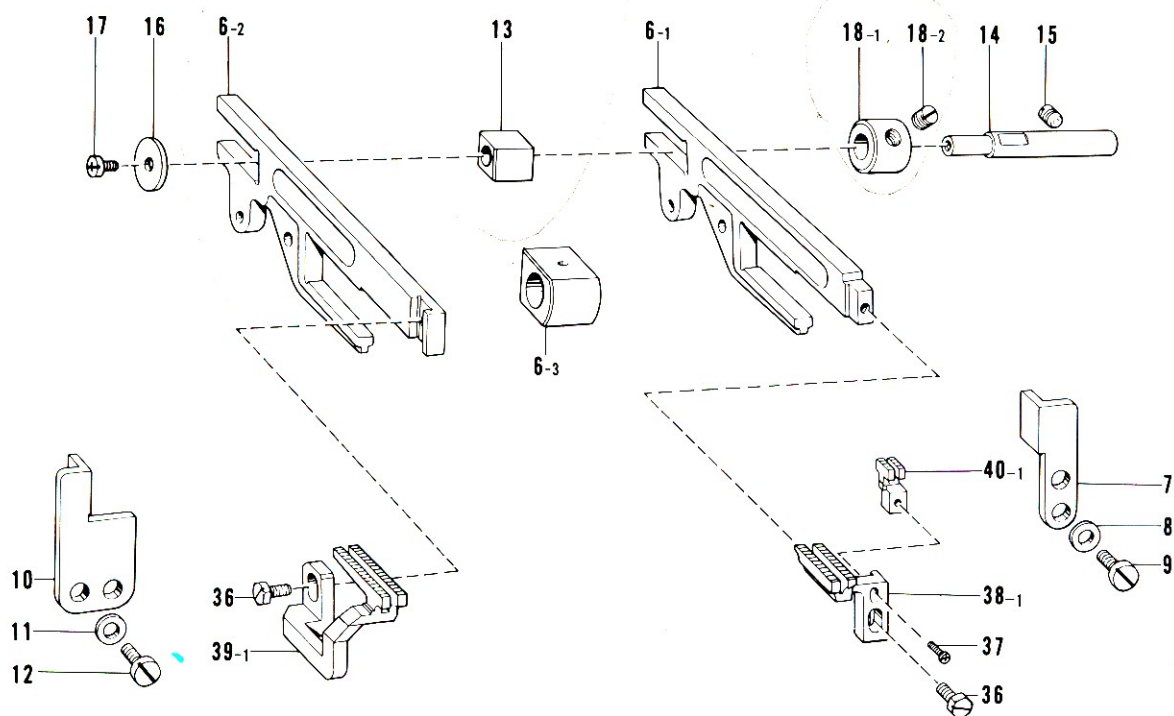
E. Feed mechanism (I) / Transportvorrichtung (I)
 Mécanisme de l'entraînement (I) / Mecanismo de la alimentación (I)

MECANISMO DE MOVIM.
 148163-001



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Feed Rod	1	148163-001	E-1 Feed Rod Assembly 148163-001	25	Indicator Plate	1	148180-001	
1-2	Feed Arm	1	148163-001		26	Pin	2	116231-001	
1-3	Feed Arm Pin	1	148166-001		27	Feed Link Shaft	2	148181-001	
1-4	Screw 4.37	1	100366-001		28	Feed Link Indicator Plate (Right)	1	148182-001	
2	Bolt 5.95 x 14	1	017761-412		29	Feed Link Indicator Plate (Left)	1	148183-001	
3	Feed Shaft	1	148167-001		30	Nut 4.76	2	148838-001	
4	Feed Shaft Bushing (Left)	1	148168-000		31	Washer	2	148847-001	
5	Feed Shaft Bushing (Right)	1	148169-000		32	Feed Link	1	148184-000	
19	Main Feed Arm	1	148177-001		33	Feed Link Bushing	1	148185-001	
20	Bolt 5.95 x 14	1	017761-412		34	Washer	2	140208-001	
21	Indicator Plate	1	148178-001		35	Bolt 4.76	2	148186-001	
22	Pin	2	116231-001		41	Feed Link	1	148403-001	
23	Differential Feed Arm	1	148179-001		42	Feed Link Bushing	1	148404-001	
24	Bolt 5.95 x 14	1	017761-412						

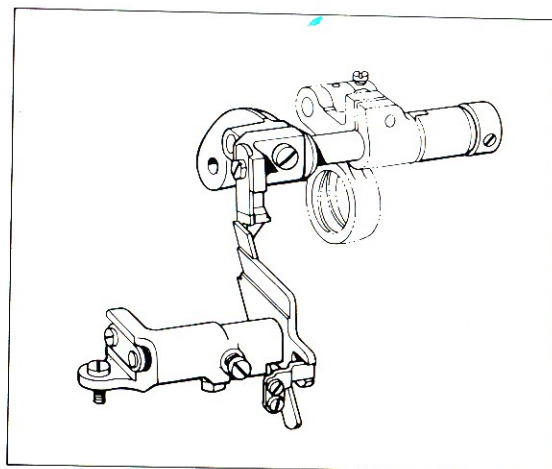
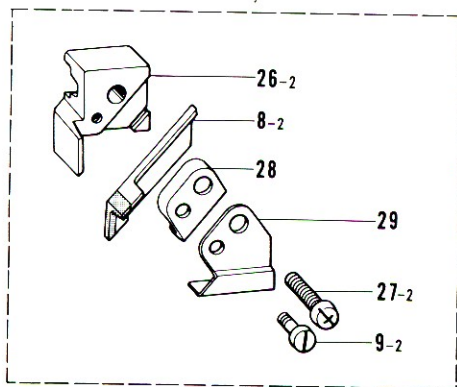
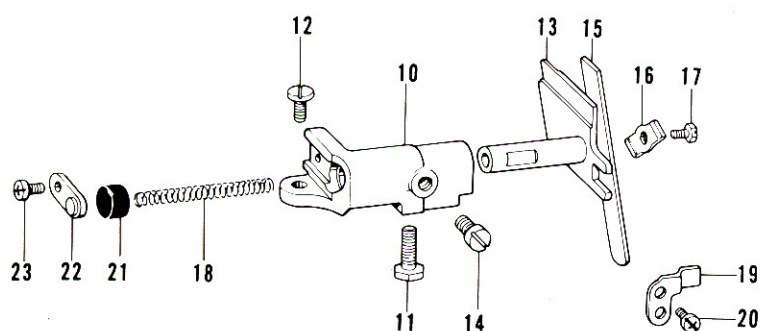
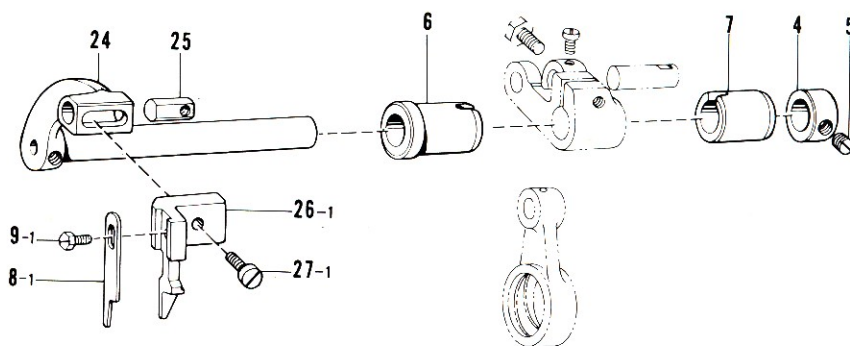
E. Feed mechanism (2) / Transportvorrichtung (2)
Mécanisme de l'entraînement (2) / Mecanismo de la alimentación (2)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
6-1	Main Feed Bar	1		E-6	38-1	Main Feed Dog	1	146744-001	
6-2	Differential Feed Bar	1		Feed Bar	38-2	Main Feed Dog (Bulky)	1	148187-001	
6-3	Feed Lifting Slide Block	1	148173-000	Guide Block	38-3-1	Main Feed Dog	1	153550-001	E-38-3
7	Feed Bar Guide (Right)	1	148174-000	Assembly	38-3-2	Rubber Plate	1	153551-000	Main Feed Dog
8	Washer	2	113431-002	148262-001	38-4	Main Feed Dog (Ruffling)	1	148188-001	(Curling)
9	Screw 4.37	2	107407-003		38-5	Main Feed Dog (Piping, Ruffling)	1	148754-001	
10	Feed Bar Guide (Left)	1	148175-000		39-1	Differential Feed Dog	1	146748-001	
11	Washer	2	113431-002		39-2	Differential Feed Dog (Bulky)	1	146750-001	
12	Screw 4.37	2	107407-003		39-3-1	Differential Feed Dog	1	153553-001	E-39-3
13	Feed Bar Guide Block	1	146547-000		39-3-2	Rubber Plate	1	153554-000	Differential Feed Dog
14	Feed Bar Guide Block Shaft	1	148176-001		39-4	Differential Feed Dog (Ruffling)	1	146751-001	(Curling)
15	Screw 6.35 x 6	1	014770-622		40-1	Chain Feed Dog	1	146577-001	
16	Slide Plate	1	146549-001		40-2	Chain Feed Dog (Bulky, Ruffling)	1	148189-001	
17	Screw 4.37 - 40 x 7	1	062680-712		40-3	Chain Feed Dog (Curling)	1	153555-001	
18-1	Set Collar	1		E-18	40-4	Chain Feed Dog (Piping, Ruffling)	1	148753-001	
18-2	Screw 6.35	2	101706-001	Collar Assembly					
36	Bolt 4.37	2	117516-001	181995-001					
37	Screw 238 56 x 8	1	062630-812						

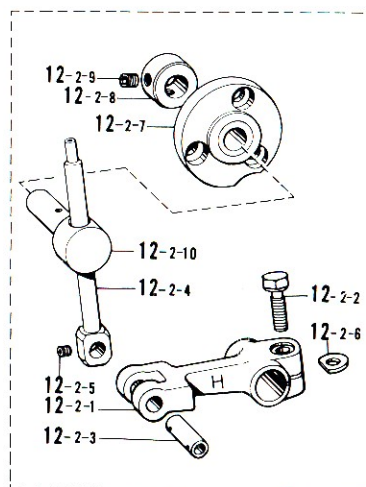
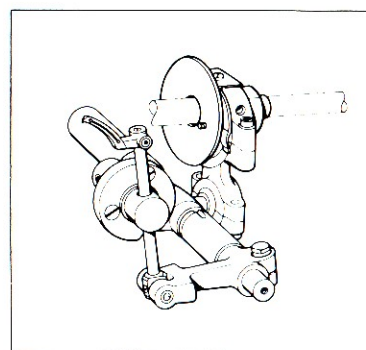
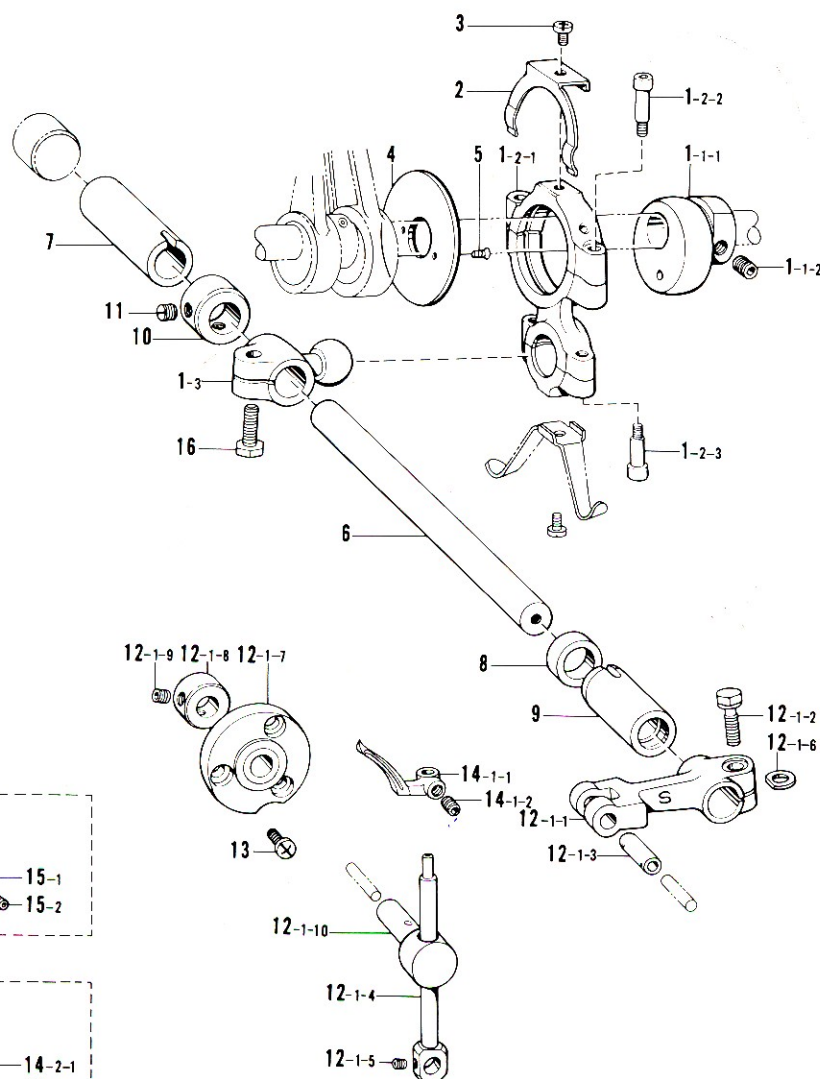
F. Knife mechanism / Messer
Mécanisme du couteau / Mecanismo del cuchilla

MEC. DO SUPORTE
DA LÂMBA



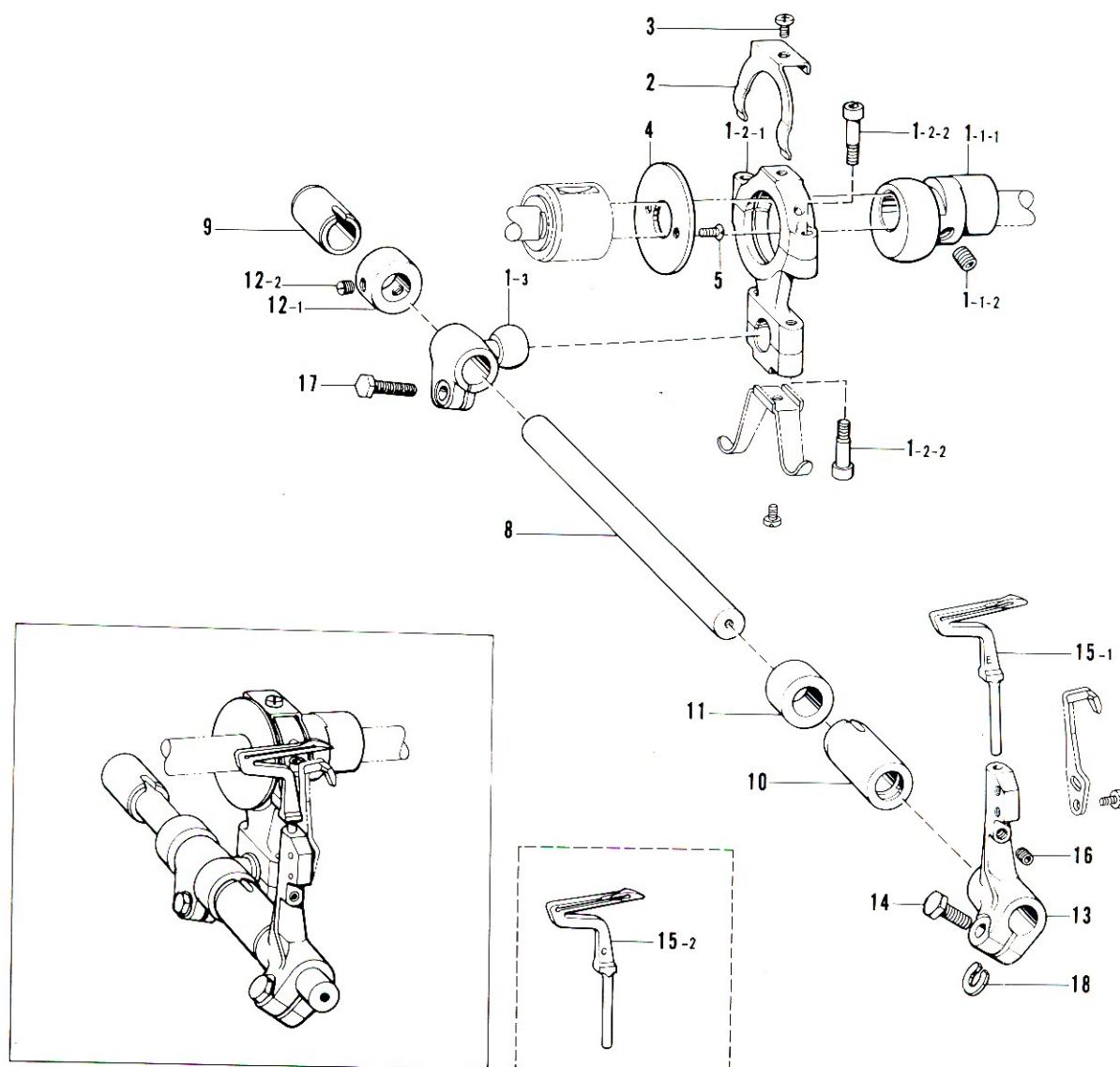
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
4	Set Collar	1	146581-001		17	Bolt 4.37	1	117516-001	
5	Screw 5.95	2	100260-001		18	Spring	1	146584-001	
6	Knife Driving Shaft Bushing (Left)	1	148196-000		19	Lower Knife Holder Guide	1	146585-001	
7	Knife Driving Shaft Bushing (Right)	1	148197-000		20	Screw 357 - 40 x 6	2	062670-612	
8-1	Upper Knife	1	148198-001		21	Oil Cap	1	146586-000	
8-2	Upper Knife	1	148342-001		22	Lower Knife Holder Spring Stopper	1	140248-001	
9-1	Bolt 3.57	1	144075-001		23	Screw 437 - 40 x 7	1	062680-712	
9-2	Screw 3.57	1	113050-001		24	Upper Knife Driving Arm	1	146580-001	
10	Lower Knife Holder Supporter	1	146582-001		25	Nut	1	148281-001	
11	Bolt 6.35 x 16	1	017771-612		26-1	Upper Knife Holder	1	144073-001	
12	Screw 4.37	1	107407-003		26-2	Upper Knife Holder	1	148341-001	
13	Lower Knife Holder	1	146754-001		27-1	Screw 4.37	1	107407-003	
14	Screw 6.35	1	102627-001		27-2	Screw 437 - 40 x 16	1	062681-612	
15	Lower Knife	1	112436-001		28	Upper Knife Presser	1	148343-001	
16	Lower Knife Presser Plate	1	117515-001		29	Upper Knife Presser Plate	1	148344-001	

G. Over looper mechanism / Oberen Greifer
 Mécanisme du boucleur supérieur / Mecanismo del presilladora superior



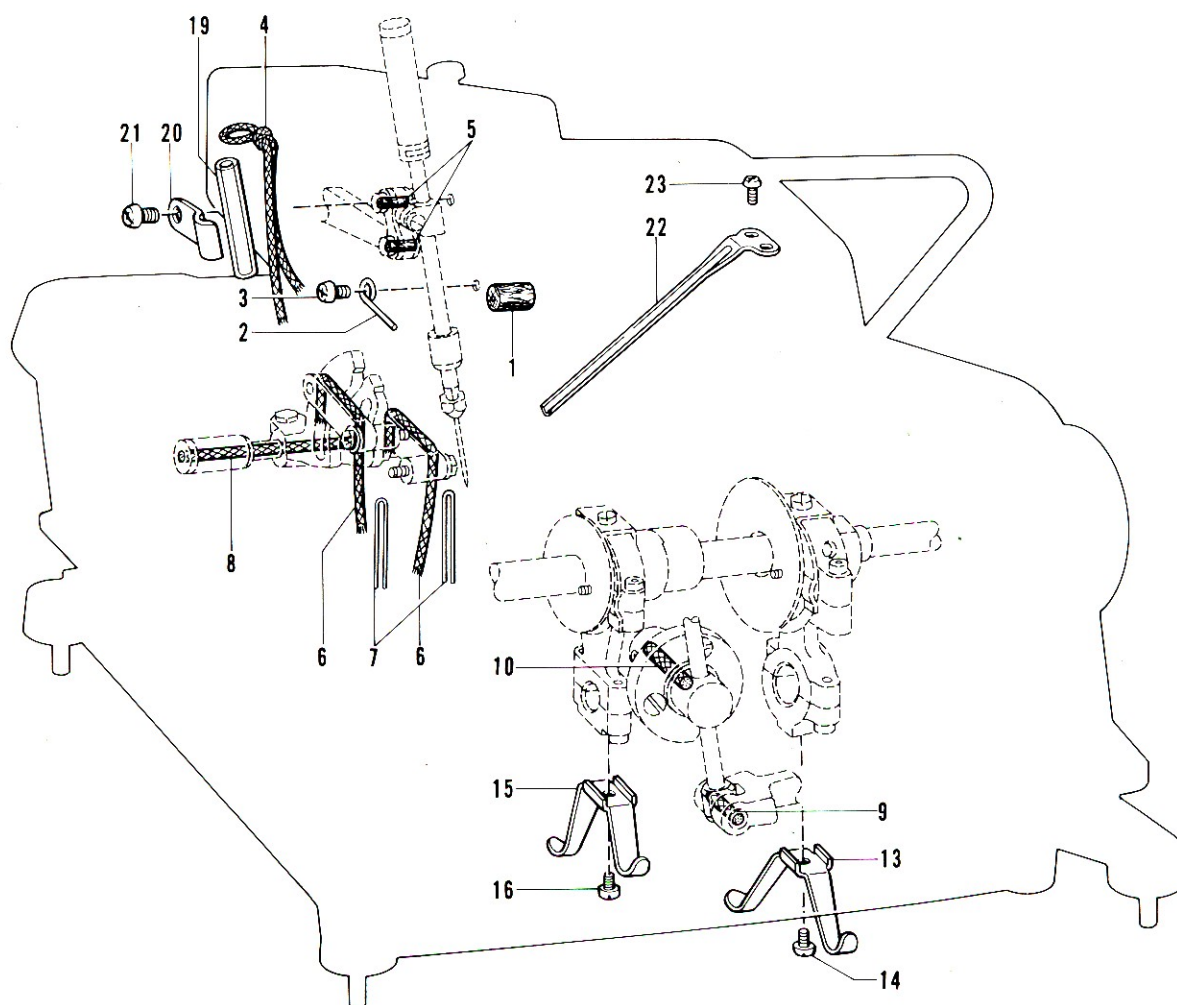
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1-1	Over Looper Eccentric Cam	1		G-12-1	12-1-6	Spacer	1	148783-001	G-12-1 Over Looper Assembly 148209-001 (Standard)
1-1-2	Screw 6.35	2	148857-001	Over Looper Eccentric Cam Assembly 181628-001	12-1-7	Over Looper Holder Guide Base	1		
1-2-1	Over Looper Connecting Rod	1		G-1-2	12-1-8	Set Collar	1		
1-2-2	Screw 4.37 x 18	2	150382-001	Over Looper Connecting Rod with Screw Assembly S01226-001	12-1-9	Screw 4.37	2	014680-422	
1-2-3	Screw 4.37 x 14	2	148425-001	G-1	12-1-10	Over Looper Holder Guide Block	1		
1-3	Over Looper Connecting Lever	1		Over Looper Connecting Rod Assembly 148200-001	12-2-1	Over Looper Driving Lever	1		G-12-2 Over Looper Assembly 148217-001 (High-lift)
2	Looper Connecting Rod Stopper	1	148204-001		12-2-2	Bolt 5.95 x 16	1	149172-001	
3	Screw 357 - 40 x 5	1	062670-512		12-2-3	Over Looper Holder Pin	1	148212-001	
4	Looper Connecting Rod Stopper Guide (R)	1	148205-001		12-2-4	Over Looper Holder	1	148213-101	
5	Screw 3.57	2	102843-004		12-2-5	Screw 4.76	1	013719-412	
6	Over Looper Shaft	1	148206-001		12-2-6	Spacer	1	148783-001	G-14-1 Over Looper (Standard) 147934-001
7	Over Looper Shaft Bushing Back	1	148207-000		12-2-7	Over Looper Holder Guide Base	1		
8	Thrust Collar	1	148208-001		12-2-8	Set Collar	1		
9	Bushing	1	144031-000		12-2-9	Screw 4.37	2	014680-422	
10	Set Collar	1	146581-001		12-2-10	Over Looper Holder Guide Block	1		
11	Screw 5.95	2	100260-001		13	Screw 437 - 40 x 7	3	062680-712	G-14-2 Over Looper (High-lift) 159686-001
12-1-1	Over Looper Driving Lever	1		G-12-1 Over Looper Assembly 148209-001 (Standard)	14-1-1	Over Looper	1		
12-1-2	Bolt 5.95 x 16	1	149172-001		14-1-2	Screw 4.37	1	014680-422	G-15 Spreader 147935-001
12-1-3	Over Looper Holder Pin	1	148212-001		14-2-1	Over Looper	1		
12-1-4	Over Looper Holder	1	148213-101		14-2-2	Screw 4.37	1	014680-422	
12-1-5	Screw 4.76	1	013719-412		15-1	Spreader	1		
					15-2	Screw 4.37	1	014680-422	
					16	Bolt 6.35 x 16	1	017771-612	

H. Under looper mechanism / Unterer Greifer
Mécanisme du boucleur inférieur / Mecanismo del presilladora inferior



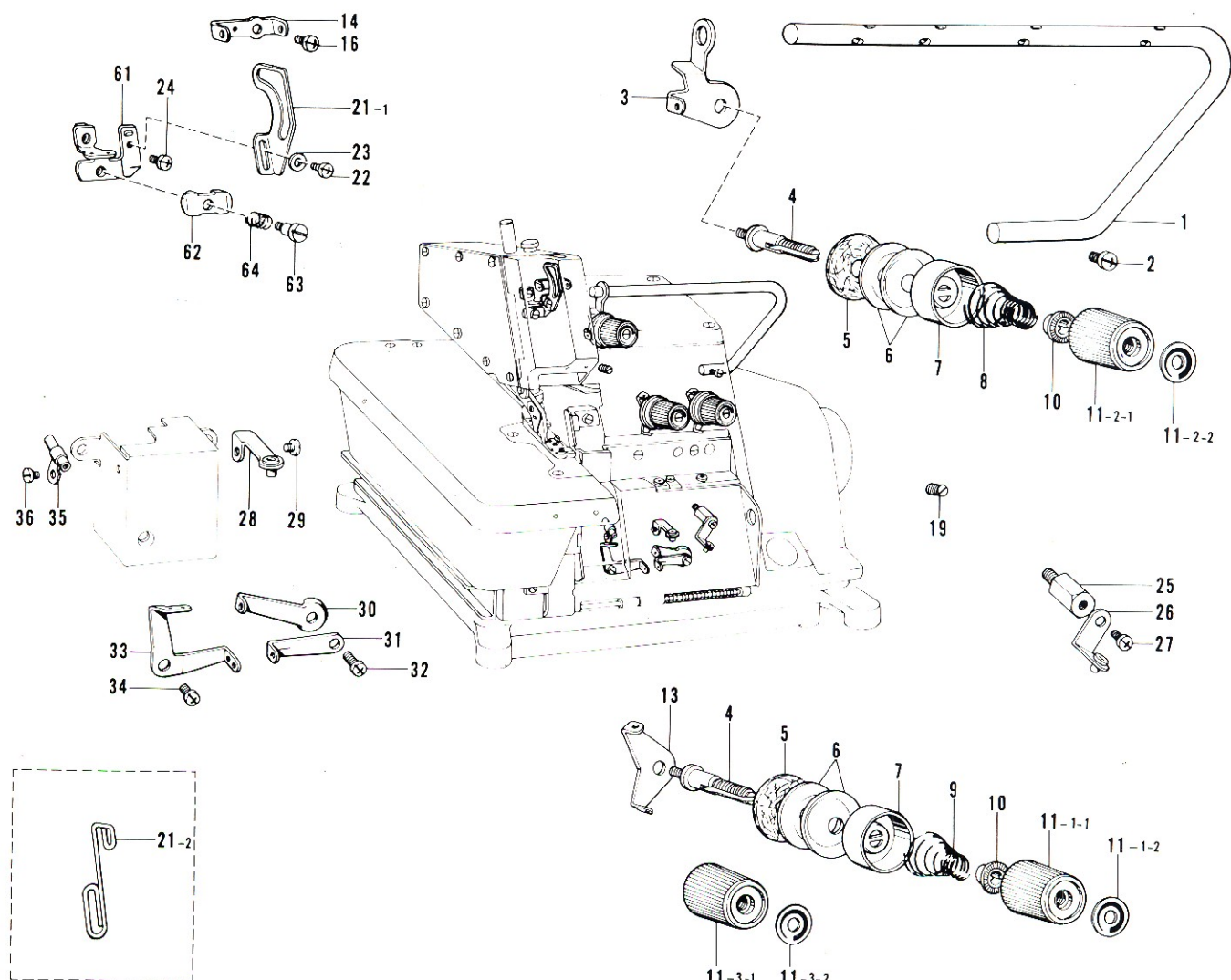
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1-1	Under Looper Eccentric Cam	1	148857-001	H-1-1 Under Looper Eccentric Cam Assembly 181629-001	8	Under Looper Shaft	1	148226-001	
1-1-2	Screw 6.35	2			9	Under Looper Shaft Bushing Back	1	148227-000	
1-2-1	Under Looper Connecting Rod	1	148425-001	H-1-2 Under Looper Connecting Rod with Screw Assembly S01227-001	10	Under Looper Shaft Bushing Front	1	148228-000	
1-2-2	Screw 4.37 x 14	4			11	Thrust Collar	1	148229-001	
1-3	Under Looper Connecting Lever	1	148224-001	H-1 Under Looper Connecting Rod Assembly 148220-001	12-1	Collar	1	013760-612	H-12 Collar Assembly 180323-001
2	Looper Connecting Rod Stopper	1			12-2	Screw 5.95	2		
3	Screw 357 40 x 5	1	062670-512		13	Under Looper Holder	1	146617-001	
4	Looper Connecting Rod Stopper Guide (L)	1	148225-001		14	Bolt 5.56 x 14	1	149171-001	
5	Screw 3.57	2	102843-004		15-1	Under Looper	1	S01248-001	
					15-2	Under Looper	1	159884-001	
					16	Screw 4.37	1	014680-422	
					17	Bolt 6.35 x 14	1	017771-412	
					18	Spacer	1	148782-001	

J. Lubrication / Schmierung
Lubrification / Lubricación



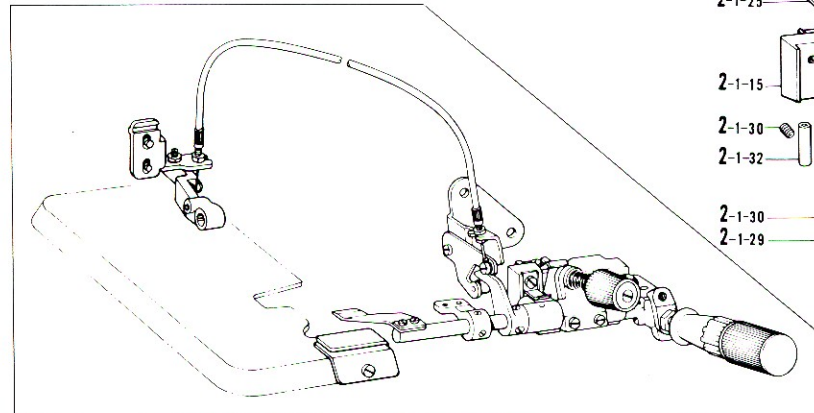
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Felt	1	112754-001		13	Oil Jumping Plate (Right)	1	148250-001	
2	Felt Holder	1	148247-001		14	Screw 357 - 40 x 5	1	062670-512	
3	Screw 437 - 40 x 7	1	062680-712		15	Oil Jumping Plate (Left)	1	148251-001	
4	Wick	1	118768-001		16	Screw 357 40 x 5	1	062670-512	
5	Felt	2	147691-000		19	Vinyl Tube	1	146644-000	
6	Wick	2	142674-000		20	Tube Holder	1	148315-001	
7	Wick	2	140774-000		21	Screw 437 40 x 7	1	062680-712	
8	Wick	1	148248-000		22	Oil Guide	1	154288-001	
9	Wick	1	108809-001		23	Screw 437 - 40 x 7	2	062680-712	
10	Wick	1	148249-000						

K. Thread tension / Fadenspannung
Tension du fil / Tension del hilo

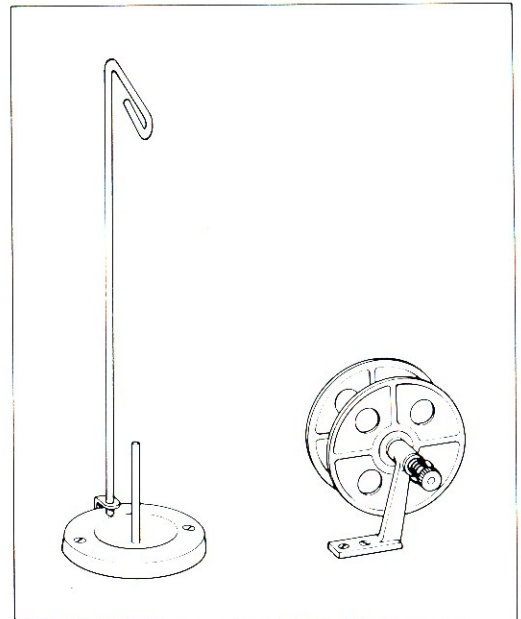


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Main Thread Guide	1	148253-001		19	Screw 4.37	1	151601-002	
2	Screw 437 40 x 14	1	062681-412		21-1	Needle Thread Take-up	1	144108-001	
3	Thread Guide Supporter	1	146649-001		21-2	Needle Thread Take-up	1	142201-001	
4	Looper Thread Tension Control Stud		110820-101		22	Screw 318 40 x 4	1	062660-412	
5	Felt	3	110832-001		23	Washer	1	105248-003	
6	Tension Disc	6	145446-001		24	Screw 357 40 x 5	1	062670-512	
7	Presser for Tension Disc	3	144103-002		25	Thread Guide Holder	1	148254-001	
8	Spring	1	144104-001		26	Under Looper Thread Guide	1	146926-002	
9	Spring	2	144110-001		27	Screw 357 40 x 6	1	062670-612	
10	Tension Spring Washer	3	144105-000		28	Over Looper Thread Guide	1	146929-001	
11-1-1	Thread Tension Control Nut	1	149566-001	K-11-1 Thread Tension Control Nut Assembly 149568-002	29	Screw 357 40 x 6	1	062670-612	
11-1-2	Tension Indicating Plate	1	147049-002		30	Over Looper Thread Take-up (R)	1	146652-001	
11-2-1	Thread Tension Control Nut	1	149566-001	K-11-2 Thread Tension Control Nut Assembly 149568-003	31	Under Looper Thread Take-up (R)	1	146653-001	
11-2-2	Tension Indicating Plate	1	147049-003		32	Screw 357 40 x 8	1	062670-812	
11-3-1	Thread Tension Control Nut	1	149566-001	K-11-3 Thread Tension Control Nut Assembly 149568-004	33	Looper Thread Take-up (L)	1	146654-001	
11-3-2	Tension Indicating Plate	1	147049-004		34	Screw 357 40 x 6	1	062670-612	
13	Needle Thread Guide Plate	2	110813-001		35	Over Looper Thread Guide	1	142669-002	
14	Needle Thread Guide (A)	1	143757-001		36	Screw 2.38	1	100105-005	
16	Screw 357 40 x 8	1	062670-812		61	Needle Thread Take-up Supporter	1	147344-001	
					62	Needle Thread Guard	1	112300-001	
					63	Stud Screw 3.18	1	112301-001	
					64	Needle Thread Guard Spring	1	112299-001	

Acido (1) SISTEMA COMPLETO DE 22 A 25

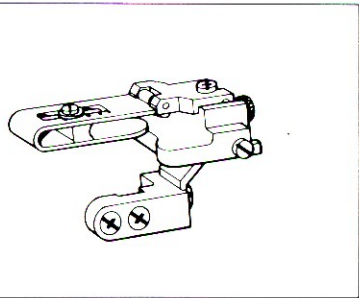
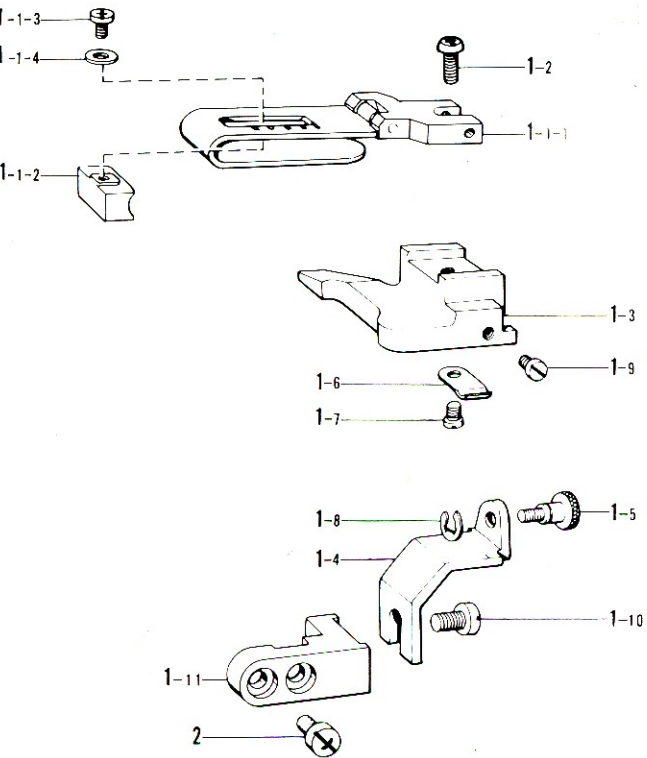


- 14 -

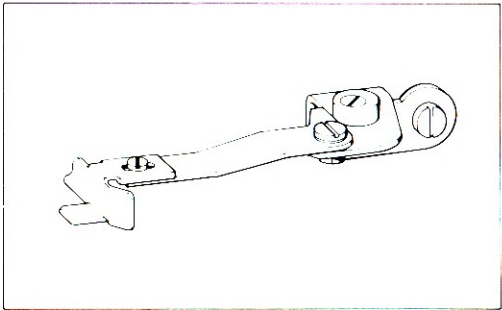
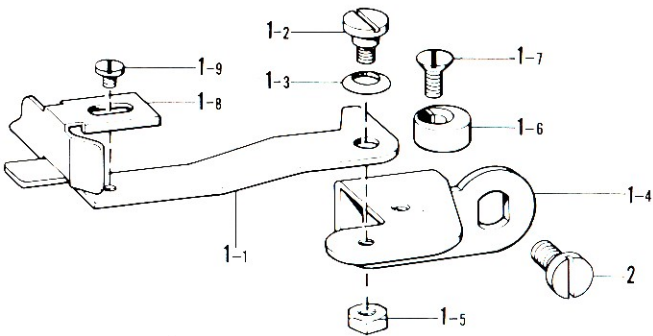


Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
5-1-1	Tape Winder Wheel (R)	1			5-4	Screw 437 40 x 6	2	062680-612	
5-1-2	Tape Winder Wheel (L)	1			5-5-1	Spool Disc	1		
5-1-3	Tape Winder Bracket	1			5-5-2	Thread Guide Stud	1		
5-1-4	Screw	1	143980-001	L-5-1 Tape Winder Assembly 143767-002	5-5-3	Screw 3.18	1	100080-004	L-5-5 Cotton Stand 181031-001
5-1-5	Washer	1	108494-001		5-5-4	Nut 4.76	1	110161-003	
5-1-6	Spring	1	108495-001		5-5-5	Spring Washer 2.5	1	028050-242	
5-1-7	Tension Control Nut	1	100136-001		5-6	Spool Stud	1	100444-002	
5-2	Screw 4.5 x 20	2	101118-001		5-5-7	Screw 4.5 x 32	2	100447-001	
5-3	Wrapper Assembly	1	147440-000		5-6	Washer	2	110735-002	

M. Blind hemming attachment
 Blindsaumstichvorrichtung
 Accessoire pour ourlages en points invisibles
 Dispositivo de dobladillo para puntada invisible



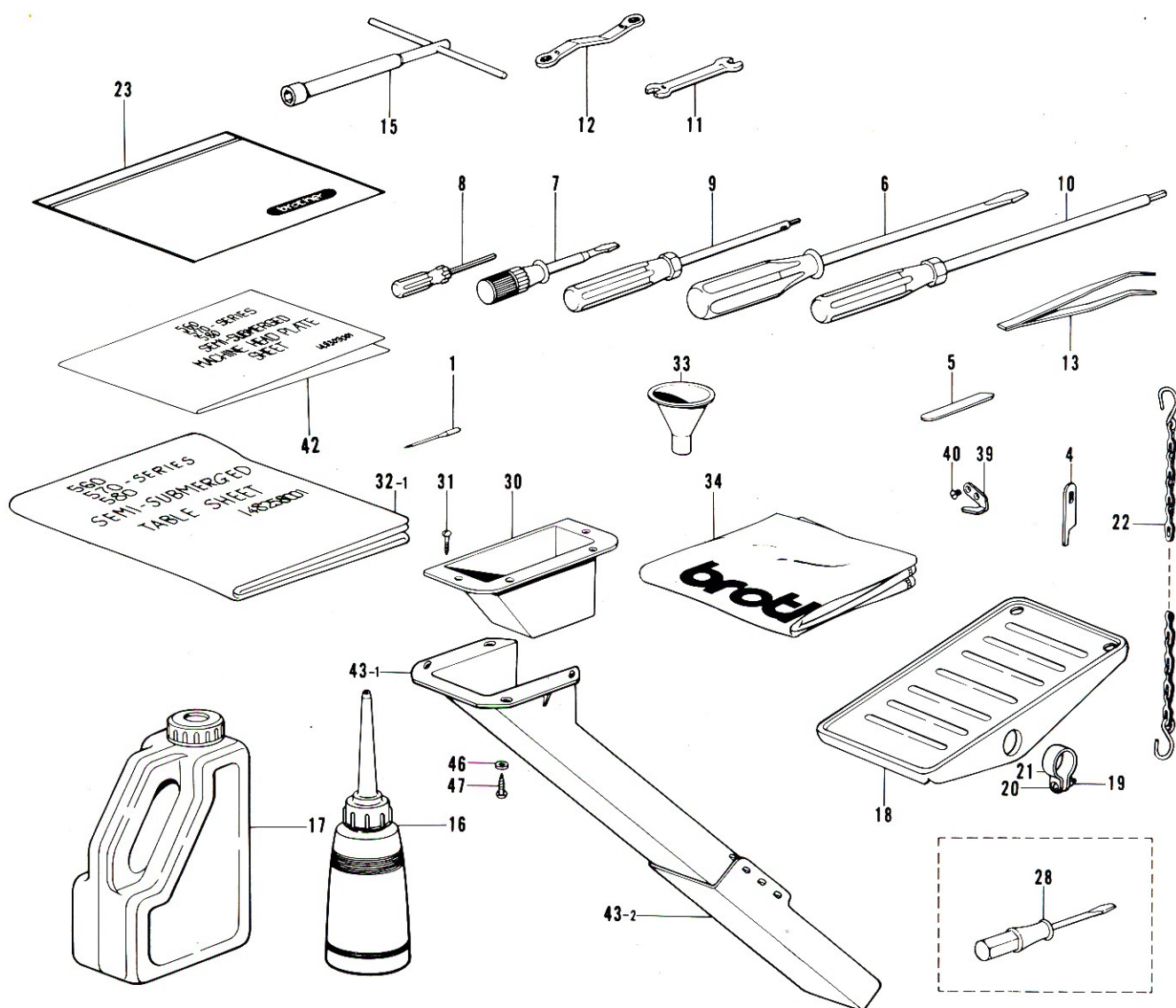
N. Serging attachment
 Überwendlichvorrichtung
 Accessoire pour couture sur tissus sergés
 Dispositivo de orillado con punto de surjete



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1- 1-1	Blind Hemming Ruler (A) Assembly	1		M-1-1
1- 1-2	Blind Hemming Ruler Adjuster	1	150339-001	Blind Hemming Ruler (A) Assembly
1- 1-3	Screw 318 - 40 x 4	1	062660-412	151173-001
1- 1-4	Washer 3	1	025030-232	
1- 2	Screw 357 - 40 x 6	1	060670-616	
1- 3	Edge Hemming Ruler	1		
1- 4	Edge Hemming Ruler Fitting Holder	1	147712-001	
1- 5	Adjusting Screw	1	146759-001	
1- 6	Flat Spring	1	147713-001	
1- 7	Screw 357 - 40 x 4	1	062670-412	M-1
1- 8	Stop Ring E3	1	048030-342	Blind Hemming Ruler Assembly
1- 9	Screw 3.57	1	111443-001	147710-001
1-10	Screw 437 - 40 x 7	1	062680-712	
1-11	Supporter for Blind Hemming Ruler Fitting	1	146760-001	
2	Screw 357 - 40 x 6	2	062670-612	

Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1-1	Edge Guide Set Plate	1	146596-001	
1-2	Screw 4.37	1	146597-101	
1-3	Spring Washer	1	146598-001	
1-4	Edge Guide Supporter	1	146599-001	N-1
1-5	Nut 4.37	1	021680-202	Edge Guide Assembly
1-6	Presser Arm Stopper	1	144088-001	146761-001
1-7	Screw 4.76 x 8	1	S01703-001	
1-8	Edge Guide	1	146762-001	
1-9	Screw 3.57 x 3.5	1	S01297-001	
2	Screw 6.35	2	110201-001	

Z. Accessories (I) / Zubehör (I)
Accessoires (I) / Accesorios (I)



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
1	Needle DC x 1	8	112297-		21	Pedal Stopper	2	116016-001	
4	Upper Knife	1	148198-001		22	Chain Assembly	1	142262-001	
5	Lower Knife	1	112436-001		23	Vinyl Bag	1	122991-001	
6	Screw Driver 5.5 x 190	1	101572-101		28	Screw Driver 2.3 x 40	1	148925-001	
7	Screw Driver 3.4 x 70	1	118837-001		30	Duster Drop	1	148430-101	
8	Screw Driver 1.6	1	144124-001		31	Screw 3.1 x 13	4	031311-302	
9	Driver Wrench 2	1	146700-001		32-1	Table Sheet	1	148258-001	
10	Screw Driver 3	1	149173-001		33	Funnel	1	140759-000	
11	Spanner 6 x 7	1	107779-001		34	Head Cover	1	144225-002	
12	Wrench 8 x 9	1	105343-001		39	Trimming Knife	1	148259-001	
13	Tweezers	1	117466-000		40	Screw 3.18	2	141542-001	
15	Wrench	1	140342-001		42	Head Sheet	1	148303-001	
16	Oiler	1	114483-002		43-1	Duster Shoot L	1	148431-101	Z-43 Duster Shoot Assembly 183161-101
17	Oil Tank	1	154702-002		43-2	Duster Shoot S	1	148432-001	
18	Treadle Pedal	1	147893-002		46	Washer 4.37	4	025680-232	
19	Nut 4	2	021400-106		47	Screw 4.5 x 16	4	031451-603	
20	Screw 4 x 14	2	001401-406						

* The details of included accessories are subject to change.

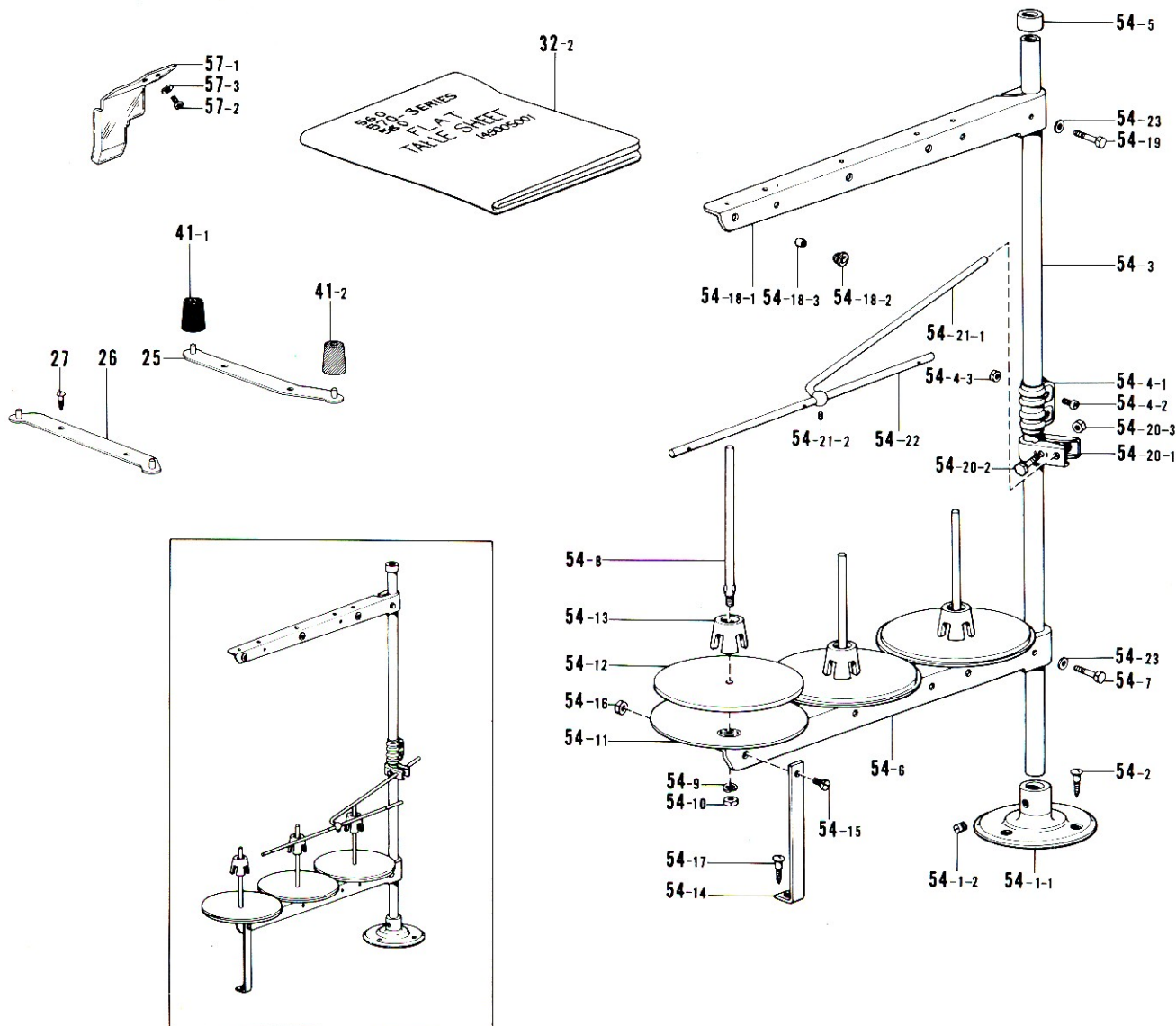
* Änderungen in der Aufstellung der mitgelieferten Zubehöre sind vorbehalten.

* Les détails des accessoires inclus sont sujets à des changements.

* Los detalles de los accesorios incluidos pueden variar.

Z. Accessories (2) / Zubehör (2)
Accessoires (2) / Accesorios (2)

PONTA
fig. 1005



Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
25	Cushion Base (Right) Assembly	1	148290-001		54-12	Spool Mat	3	150182-000	Z-54 Cotton Stand Assembly 150160-003
26	Cushion Base (Left) Assembly	1	148292-001		54-13	Spool Cushion	3	126863-000	
27	Screw 4.5 x 16	4	031451-603		54-14	Spool Holder Supporter (A)	1	150188-001	
32-2	Table Sheet	1	149005-001		54-15	Screw 5 x 10	1	007501-003	
41-1	Cushion	1	147919-001		54-16	Nut 5	1	021500-103	Z-54-18 Thread Hanger Assembly 147056-003
41-2	Cushion	3	147919-002		54-17	Screw 4.5 x 22	1	031452-203	
54-1-1	Cotton Stand Base	1	150189-001	Z-54-1 Cotton Stand Base Assembly 150139-001	54-18-1	Spool Holder 3	1	150176-001	
54-1-2	Screw 6 x 7	2	150181-101		54-18-2	Thread Hanger	3		Z-54-20 Thread Guide Holder Assembly 150145-001
54-2	Screw 4.5 x 22	3	031452-203		54-18-3	Thread Bushing	3	142990-001	
54-3	Pipe	2	150172-001		54-19	Bolt 5 x 28	1	017502-803	
54-4-1	Joint	1	150173-001	Z-54-4 Joint for Cotton Stand 150106-001	54-20-1	Thread Guide Holder	1	150185-001	Z-54-21 Thread Guide Stopper Bar Assembly 142971-001
54-4-2	Screw 5 x 14	2	150202-001		54-20-2	Bolt 5 x 28	1	017502-803	
54-4-3	Nut 5	2	021500-103		54-20-3	Nut 5	1	021500-103	
54-5	Cap	1			54-21-1	Thread Guide Stopper Bar	1	142996-001	Z-57 Eye Guard Assembly 151017-001
54-6	Spool Holder	1	150176-001	Z-54 Cotton Stand Assembly 150160-003	54-21-2	Screw 4.76	1	013719-412	
54-7	Bolt 5 x 28	1	017502-803		54-22	Thread Guide 3	1	142997-001	
54-8	Spool Shaft (B)	3	150179-001		54-23	Washer 5	2	025050-233	Z-57 Eye Guard Assembly 151017-001
54-9	Spring Washer 2-5	3	028050-243		57-1	Eye Guard for Overlock	1	150550-000	
54-10	Nut 5	3	021500-103		57-2	Screw 3/8 - 40 x 5	2	062660-512	
54-11	Spool Stand Base	3	150180-000		57-3	Washer 3	2	025030-232	

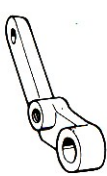
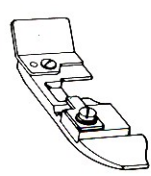
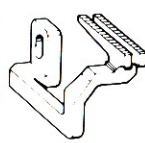
* The details of included accessories are subject to change.
* Änderungen in der Aufstellung der mitgelieferten Zubehör
sind vorbehalten.

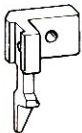
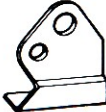
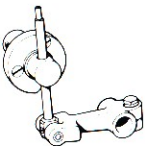
* Les détails des accessoires inclus sont sujets à des changements.
* Los detalles de los accesorios incluidos pueden variar.

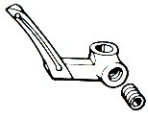
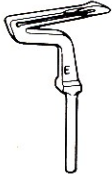
DIFFERENT PARTS LIST / ZUBEHÖRLISTE

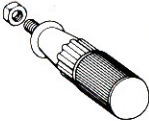
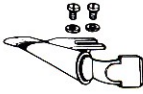
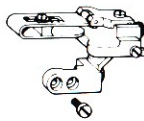
LISTE DES PIECES ACCESSOIRES / LISTA DE PIEZAS ACCESORIAS

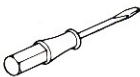
Ref. No.		A-72	A-73	A-74	A-92	A-94	C-21
Sub Class	Specifications	Oil Cap 	Threading Diagram 	Screw 5.95 	Label 	Label 	Needle DC x 1 
001-3 -4 -5	Thin medium	143196-001	148091-001	013760-612	146974-001	147943-001	112297-011
002-5 -6 -7	Bulky knit				146974-002		
					146974-003		112297-009
					146974-004		
146974-005	112297-014						
146974-006					112297-014		
003-3 -4	Blind-hemming						146974-007
					146974-008		
005-4	Serging (Two threads)		148092-001		146974-014		112297-014
006-4 -5 -6	Serging (Three threads)		148091-001		146974-017	147943-001	112297-011
007-2	Curling	143196-001			146974-018		
					146974-064		112297-014
					008-5		
009-5	Ruffling (w/piping)			146974-019	112297-011		
010-3 -5	Taping	143196-001		146974-020			112297-014
011-5 -6	Bulky knit taping			146974-023	112297-014		
				146974-021			112297-014
		146974-024	112297-014				
		146974-025		112297-014			

Ref.No.	C-34	D-19	D-34/D-35	D-36	E-38	E-39	E-40				
Sub Class	Needle Plate 	Presser Foot Lifter Lever 	Tape Guide Screw 318 – 40 x 4 	Presser Foot Assembly 	Main Feed Dog 	Differential Feed Dog 	Chain Feed Dog 				
001-3	146730-001	148143-001		146884-101	146744-001	146748-001	146577-001				
-4	146731-001										
-5	146732-001										
002-5	146734-001			154974-001	148187-001	146750-001	148189-001				
-6	146735-001										
-7	146736-001										
003-3	146730-001				146890-001	146744-001	146748-001	146577-001			
-4	146731-001										
005-4											
006-4											
-5				146732-001							
-6				146733-001							
007-2	153544-001			153547-001	153549-001	153552-001	153555-001				
008-5	146737-001	L-6-8 149256-001							154971-001	148188-001	148189-001
009-5									154975-001	148754-001	148753-001
010-3	146730-001	148143-001	146883-001 062660-412	159367-001	146744-001	146748-001	146577-001				
-5	146732-001			146895-101							
011-5	146734-001				148187-001	146750-001	148189-001				
-6	146735-001										

Ref.No.	F-8	F-9	F-26	F-27	F-28	F-29	G-12
Sub Class	Upper Knife 	Bolt 3.57 Screw 3.57 	Upper Knife Holder 	Screw 4.37 Screw 437-40 x 16 	Upper Knife Presser 	Upper Knife Presser Plate 	Over Looper Assembly 
001-3	148198-001	144075-001	144073-001	107407-003			148209-001
-4							
-5							
002-5	148342-001	113050-001	148341-001	062681-612	148343-001	148344-001	148217-001
-6							
-7							
003-3	148198-001	144075-001	144073-001	107407-003			148209-001
-4							
005-4							
006-4							
-5							
-6							
007-2							
008-5							
009-5							
010-3							
-5							
011-5	148342-001	113050-001	148341-001	062681-612	148343-001	148344-001	148217-001
-6							

Ref.No.	G-14	G-15	H-15	K-4	K-19	K-21	L-2-1/L-2-2
Sub-Class	Over Looper 	Spreader 	Under Looper 	Looper Thread Tension Control Stud 	Screw 4.37 	Needle Thread Take-up 	Ruffling Attachment Assembly Screw 6.35x18 
001-3 -4 -5	147934-001		S01248-01				
002-5 -6 -7	159686-001		159884-001			144108-001	
003-3 -4	147934-001						
005-4		147935-001		110820-101 (Q'ty 3)	151601-002	142201-001	
006-4 -5 -6			S01248-001				
007-2							
008-5	147934-001			110820-101 (Q'ty 2) L-6-13 159574-001 (Q'ty 2)		144108-001	146587-201 S01304-001
009-5							
010-3 -5				110820-101 (Q'ty 3)	151601-002		
011-5 -6	159686-001		159884-001				

Ref.No.	L-2-3/L-2-4	L-2-5/L-2-6	L-5-1/L-5-2	L-5-3/L-5-4 L-5-6	L-5-5	L-6	M-1/M-2
Sub Class	Ruffler Guide Screw 3.57 	Handle Nut 6.35 	Tape Winder Assembly Screw 4.5 x 20 	Wrapper Assembly Screw 437-40 x 6 Washer 	Cotton Stand 	Ruffler Interlocking Parts Assembly 	Blind Hemming Ruler Assembly Screw 357-40 x 6 
001-3							
4							
5							
002-5							
6							
7							
003-3							
4							147710-001 062670-612
005-4							
006-4							
5							
6							
007-2							
008-5							
	144793-000	145809-001				149252-002	
	112751-002	150556-002					
009-5			143767-002 101118-001	147440-000 062680-612 110735-002	181031-001		
010-3							
5							
011-5							
6							

Ref.No.	N-1/N-2	Z-1	Z-28				
Sub Class	Edge Guide Assembly Screw 6.35 	Needle DC x 1 	Screw Driver 2.3 x 40 				
001-3		112297-011					
-4							
-5							
002-5		112297-014					
-6							
-7							
003-3		112297-009					
-4							
005-4	146761-001 110201-001	112297-014					
006-4							
-5							
-6							
007-2		112297-011	148925-001				
008-5							
009-5							
010-3							
-5							
011-5							
-6							

INDEX / VERZEICHNIS INDEX / INDICE

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
S01226-001	G- 1- 2		048030-342	M- 1- 8		100080-004	D-36- 2- 4		112297-009	C-21	
S01227-001	H- 1- 2		060660-512	D-33			D-36- 3- 4			Z- 1	
S01248-001	H-15- 1		060670-512	L- 2- 1-28			D-36- 4- 4		112297-011	C-21	
S01295-001	D-36- 1- 7		060670-616	M- 1- 2			D-36- 5- 4			Z- 1	
	D-36- 4- 7		062630-812	E-37			D-36- 6- 5		112297-014	C-21	
	D-36- 5- 7		062660-412	C- 9- 6			D-36- 7- 5			Z- 1	
S01297-001	N- 1- 9			D-30			D-36- 8- 4		112299-001	K-64	
S01304-001	L- 2- 2			D-35			D-36- 9- 4		112300-001	K-62	
S01614-001	L- 2- 1-32			K-22			L- 5- 5- 3		112301-001	K-63	
S01703-001	N- 1- 7			M- 1- 1- 3		100105-005	K-36			L- 6- 2- 5	
001401-406	Z-20		062660-512	Z-57- 2		100136-001	L- 5- 1- 7		112436-001	F-15	
007501-003	Z-54-15		062660-712	L- 2- 1-14		100260-001	F- 5			Z- 5	
013679-412	L- 2- 1-30		062670-412	A-33- 8			G-11		112751-002	L- 2- 4	
013719-412	G-12- 1- 5			M- 1- 7		100366-001	C- 1- 5		112754-001	J- 1	
	G-12- 2- 5		062670-512	D-14- 4			C- 1- 9		113050-001	F- 9- 2	
	Z-54-21- 2			G- 3			C- 7		113431-002	E- 8	
013760-612	A-74			H- 3			E- 1- 4			E-11	
	H-12- 2			J-14		100444-002	L- 5- 5- 6		113589-001	A- 6	
013761-410	B-19			J-16		100447-001	L- 5- 5- 7		114255-002	C-18	
014680-422	A-54			K-24		101118-001	L- 5- 2		114483-002	Z-16	
	G-12- 1- 9		062670-612	A-15		101572-101	Z- 6		116016-001	Z-21	
	G-12- 2- 9			A-23		101706-001	A-45- 2		116231-001	E-22	
	G-14- 1- 2			A-26			E-18- 2			E-26	
	G-14- 2- 2			A-28			L- 2- 1- 4		117160-001	A-38	
	G-15- 2			A-31			L- 2- 1-19-2		117466-000	Z-13	
	H-16			A-36		102627-001	F-14		117515-001	F-16	
014770-622	F-15			A-47		102843-004	A-24		117516-001	E-36	
017502-803	Z-54- 7			A-68			G- 5			F-17	
	Z-54-19			F-20			H- 5		117608-001	A-50	
	Z-54-20- 2			K-27		104908-001	D- 6		118768-001	J- 4	
017761-412	E- 2			K-29		105163-001	L- 2- 1- 6		118837-001	Z- 7	
	E-20			K-34		105234-003	L- 2- 1-23		122991-001	Z-23	
	E-24			L- 6- 7		105248-003	K-23		123185-001	A-40	
017761-612	C- 1-11			M- 2		105288-001	D-36- 1- 9		126863-000	Z-54-13	
	C- 4		062670-812	B- 5			D-36- 2- 7		129984-002	A-16	
017771-412	H-17			C- 9-7			D-36- 4- 9		140041-001	A-25	
017771-612	A-63			C-29			D-36- 5- 9		140065-001	A-58	
	F-11			K-16			D-36- 6- 7		140066-001	A-55	
	G-16			K-32			D-36- 7- 7			A-57	
018061-622	C-24		062671-412	A-48			D-36- 8- 7		140077-001	A-66	
021400-106	Z-19		062680-612	L- 2- 1-26			D-36- 9- 7		140084-000	B-11	
021500-103	Z-54- 4- 3			L- 5- 4		105343-001	Z-12		140085-003	B-18	
	Z-54-10		062680-712	A-17		106568-003	A-52		140092-001	C- 6	
	Z-54-16			A-70		107244-001	B-13		140180-001	B-20	
	Z-54-20- 3			D- 9		107351-001	C-25		140208-001	E-34	
021670-202	A-49			E-17		107407-003	A-34		140248-001	F-22	
021680-202	D-24			F-23			E- 9		140342-001	Z-15	
	N- 1- 5			G-13			F-12		140504-001	D-32	
025030-132	D-36- 1- 3			J- 3			F-12		140759-000	Z-33	
	D-36- 2- 3			J-21			F-27- 1		140774-000	J- 7	
	D-36- 3- 3			J-23		107779-001	Z-11		141183-000	A-44	
	D-36- 4- 3			M- 1-10		108494-001	L- 5- 1- 5		141514-001	L- 6- 2- 2	
	D-36- 5- 3		062680-716	A- 9		108495-001	L- 5- 1- 6			L- 6- 5	
	D-36- 6- 4		062680-812	L- 2- 1-18		108809-001	J- 9		141528-002	D-20	
	D-36- 7- 4			L- 6- 3		109203-001	A-65		141542-001	Z-40	
	D-36- 8- 3		062681-012	B-15		110161-003	L- 5- 5- 4		142201-001	K-21- 2	
	D-36- 9- 3		062681-412	A- 4		110161-006	L- 6-12		142262-001	Z-22	
025030-232	M- 1- 1- 4			K- 2		110201-001	N- 2		142669-002	K-35	
	Z-57- 3		062681-612	D-23		110230-001	L- 2- 1-22		142674-000	J- 6	
025050-233	Z-54-23			F-27- 2		110641-002	A-64		142971-001	Z-54-21	
025680-232	Z-46		062761-012	L- 6-10		110670-000	B-14		142990-001	Z-54-18- 3	
025770-232	L- 2- 1- 8		072600-000	B- 4		110672-000	B-17		142996-001	Z-54-21- 1	
028050-242	L- 5- 5- 5		072600-100	B- 8		110673-000	B-12		142997-001	Z-54-22	
028050-243	Z-54- 9			B-16		110735-002	L- 5- 6		143196-001	A-72	
031311-302	Z-31		081002-670	D- 7		110813-001	K-13		143311-001	B- 2	
031451-603	Z-27		100022-005	D-18		110820-101	K- 4		143312-000	B- 3	
	Z-47		100032-003	A-32			L- 2- 1- 7		143374-001	A-42	
031452-203	Z-54- 2			A-43		110832-001	K- 5		143757-001	K-14	
	Z-54-17			C-27		111443-001	M- 1- 9		143767-002	L- 5- 1	
047140-842	A-33- 5		100080-004	D-36- 1- 4		111486-001	C-26		143980-001	L- 5- 1- 4	

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
144031-000	G- 9		146732-001	C-34- 3		147919-002	Z-41- 2		148178-001	E-21	
144073-001	F-26- 1		146733-001	C-34- 4		147933-001	L- 2- 1-16		148179-001	E-23	
144075-001	F- 9- 1		146734-001	C-34- 5		147934-001	G-14- 1		148180-001	E-25	
144088-001	N- 1- 6		146735-001	C-34- 6		147935-001	G-15		148181-001	E-27	
144091-001	D-36- 6- 3		146736-001	C-34- 7		147943-001	A-94		148182-001	E-28	
	D-36- 7- 3		146737-001	C-34- 9		148065-001	A- 2		148183-001	E-29	
144103-002	K- 7		146744-001	E-38- 1		148066-000	A- 3		148184-000	E-32	
144104-001	K- 8		146748-001	E-39- 1		148067-001	A- 7		148185-001	E-33	
144105-000	K-10		146750-001	E-39- 2		148068-000	A- 8		148186-001	E-35	
	L- 2- 1-10		146751-001	E-39- 4		148069-001	A-10		148187-001	E-38- 2	
144108-001	K-21- 1		146754-001	F-13		148070-001	A-11		148188-001	E-38- 4	
144110-001	K- 9		146759-001	M- 1- 5		148071-000	A-12		148189-001	E-40- 2	
144124-001	Z- 8		146760-001	M- 1-11		148072-001	A-14		148196-000	F- 6	
144127-001	C-28		146761-001	N- 1		148073-001	A-18		148197-000	F- 7	
144225-002	Z-34		146762-001	N- 1- 8		148074-001	A-21		148198-001	F- 8- 1	
144764-001	L- 2- 1-27		146883-001	D-34		148075-000	A-22			Z- 4	
144783-001	L- 2- 1-12		146884-101	D-36- 1		148076-001	A-27		148200-001	G- 1	
144784-001	L- 2- 1-13		146886-001	D-36- 1- 2		148077-001	A-29		148204-001	G- 2	
144788-001	L- 2- 1- 9		146887-001	D-36- 1- 5		148078-001	A-30		148205-001	G- 4	
144793-000	L- 2- 3			D-36- 2- 5		148081-001	A-35		148206-001	G- 6	
144813-001	D-36- 6- 2			D-36- 3- 5		148082-001	A-41		148207-000	G- 7	
	D-36- 7- 2			D-36- 4- 5		148083-001	A-51		148208-001	G- 8	
145446-001	K- 6			D-36- 5- 5		148084-001	A-53		148209-001	G-12- 1	
145803-001	L- 2- 1- 2			D-36- 8- 5		148085-001	A-59		148212-001	G-12- 1- 3	
145807-001	L- 2- 1-17			D-36- 9- 5		148086-000	A-60			G-12- 2- 3	
145808-001	L- 2- 1-25		146888-001	D-36- 1- 6		148087-001	A-61		148213-101	G-12- 1- 4	
145809-001	L- 2- 5			D-36- 4- 6		148088-000	A-62			G-12- 2- 4	
145810-001	L- 2- 1-20			D-36- 5- 6		148089-001	A-67		148217-001	G-12- 2	
145811-001	L- 2- 1-24		146890-001	D-36- 3		148090-001	A-69		148220-001	H- 1	
146315-000	A-56		146892-001	D-36- 3- 2		148091-001	A-73- 1		148224-001	H- 2	
146421-000	A- 5		146894-001	D-36- 4- 2		148092-001	A-73- 2		148225-001	H- 4	
146426-000	A-19		146895-101	D-36- 9		148109-001	B- 1		148226-001	H- 8	
146427-001	A-13		146897-001	D-36- 9- 2		148111-000	B- 9		148227-000	H- 9	
	A-20		146900-001	D-36- 2- 2		148112-000	B-10		148228-000	H-10	
	C- 9- 5		146924-000	A-37- 2		148117-001	C- 1- 4		148229-001	H-11	
	D-28		146926-002	K-26			C- 1- 8		148247-001	J- 2	
146440-001	A-33- 2		146929-001	K-28		148118-001	C- 1- 6		148248-000	J- 8	
146441-000	A-33- 3		146974-001	A-92		148120-000	C- 5		148249-000	J-10	
146442-001	A-33- 4		146974-002	A-92		148121-000	C- 8		148250-001	J-13	
146446-001	A-39		146974-003	A-92		148122-001	C- 9- 2		148251-001	J-15	
146486-000	C-19		146974-004	A-92		148123-001	C-17		148253-001	K- 1	
146547-000	E-13		146974-005	A-92		148124-002	C-23		148254-001	K-25	
146549-001	E-16		146974-006	A-92		148128-001	D- 1		148258-001	Z-32- 1	
146577-001	E-40- 1		146974-007	A-92		148129-001	D- 2		148259-001	Z-39	
146580-001	F-24		146974-008	A-92		148130-001	D- 3		148262-001	E- 6	
146581-001	F- 4		146974-014	A-92		148131-001	D- 4		148269-001	C- 9	
	G-10		146974-017	A-92		148133-001	D- 4- 2		148270-001	C- 9- 3	
146582-001	F-10		146974-018	A-92		148134-001	D- 5		148271-001	C- 9- 4	
146584-001	F-18		146974-019	A-92		148135-001	D- 8		148281-001	F-25	
146585-001	F-19		146974-020	A-92		148136-001	D-10		148290-001	Z-25	
146586-000	F-21		146974-021	A-92		148137-001	D-11		148292-001	Z-26	
146587-201	L- 2- 1		146974-023	A-92		148138-001	D-12		148303-001	Z-42	
146588-001	L- 2- 1- 1		146974-024	A-92		148139-001	D-13		148304-001	A-46	
146589-001	L- 2- 1- 3		146974-025	A-92		148143-001	D-19		148313-001	D-36- 5- 2	
146590-001	L- 2- 1- 5		146974-057	A-92		148144-001	D-21		148315-001	J-20	
146592-001	L- 2- 1-29		146974-064	A-92		148145-001	D-22		148341-001	F-26- 2	
146596-001	N- 1- 1		147049-002	K-11- 1- 2		148146-001	D-25		148342-001	F- 8- 2	
146597-101	N- 1- 2		147049-003	K-11- 2- 2		148147-001	D-26		148343-001	F-28	
146598-001	N- 1- 3		147049-004	K-11- 3- 2		148148-001	D-29		148344-001	F-29	
146599-001	N- 1- 4		147056-003	Z-54-18		148149-001	D-31		148346-001	D-14	
146617-001	H-13		147344-001	K-61		148163-001	E- 1		148348-001	Z-53	
146644-000	J-19		147440-000	L- 5- 3		148166-001	E- 1- 3		148354-101	C-34- 8- 2	
146649-001	K- 3		147629-001	C-16		148167-001	E- 3		148355-001	C-34- 8- 3	
146652-001	K-30		147631-001	C-16- 2		148168-000	E- 4		148373-000	B- 7	
146653-001	K-31		147691-000	J- 5		148169-000	E- 5		148387-001	L- 6- 1	
146654-001	K-33		147710-001	M- 1		148173-000	E- 6- 3		148388-001	L- 6- 2- 1	
146700-001	Z- 9		147712-001	M- 1- 4		148174-000	E- 7		148389-001	L- 6- 2- 3	
146713-001	A-37		147713-001	M- 1- 6		148175-000	E-10		148390-001	L- 6- 2- 4	
146730-001	C-34- 1		147893-002	Z-18		148176-001	E-14		148395-001	L- 6- 2	
146731-001	C-34- 2		147919-001	Z-41- 1		148177-001	E-19		148403-001	E-41	

Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark	Parts No.	Ref. No.	Remark
148404-001	E-42		153552-001	E-39- 3							
148425-001	G- 1- 2- 3		153553-001	E-39- 3- 1							
	H- 1- 2- 2		153554-000	E-39- 3- 2							
148430-101	Z-30		153555-001	E-40- 3							
148431-101	Z-43- 1		154288-001	J-22							
148432-001	Z-43- 2		154702-002	Z-17							
148753-001	E-40- 4		154795-001	L- 2- 1-31							
148754-001	E-38- 5		154969-001	D-36- 1- 8							
148782-001	H-18			D-36- 2- 6							
148783-001	G-12- 1- 6			D-36- 4- 8							
	G-12- 2- 6			D-36- 5- 8							
148813-001	D-14- 3			D-36- 8- 6							
148838-001	E-30			D-36- 9- 6							
148847-001	E-31		154970-101	D-36- 4							
148857-001	C- 1- 2		154971-001	D-36- 6							
	G- 1- 1- 2		154972-001	D-36- 6- 6							
	H- 1- 1- 2			D-36- 7- 6							
148858-001	C- 1		154974-001	D-36- 2							
148859-000	A-75		154975-001	D-36- 7							
148925-001	Z-28		158438-001	D-27							
148982-001	A-33		159367-001	D-36- 8							
148984-001	A-33- 6		159369-001	D-36- 8- 2							
149005-001	Z-32- 2		159476-000	A-77							
149171-001	H-14		159574-001	L- 6-13							
149172-001	G-12- 1- 2		159686-001	G-14- 2							
	G-12- 2- 2		159884-001	H-15- 2							
149173-001	Z-10		180323-001	H-12							
149252-002	L- 6		181031-001	L- 5- 5							
149253-001	L- 6- 4		181628-001	G- 1- 1							
149255-001	L- 6- 6		181629-001	H- 1- 1							
149256-001	L- 6- 8		181969-003	A-45							
149566-001	K-11- 1- 1		181995-001	E-18							
	K-11- 2- 1		181995-002	L- 2- 1-19							
	K-11- 3- 1		183161-101	Z-43							
	L- 2- 1-11										
149568-002	K-11- 1										
149568-003	K-11- 2										
149568-004	K-11- 3										
150106-001	Z-54- 4										
150139-001	Z-54- 1										
150145-001	Z-54-20										
150160-003	Z-54										
150172-001	Z-54- 3										
150173-001	Z-54- 4- 1										
150176-001	Z-54- 6										
	Z-54-18- 1										
150179-001	Z-54- 8										
150180-000	Z-54-11										
150181-101	Z-54- 1- 2										
150182-000	Z-54-12										
150185-001	Z-54-20- 1										
150188-001	Z-54-14										
150189-001	Z-54- 1- 1										
150202-001	Z-54- 4- 2										
150339-001	M- 1- 1- 2										
150382-001	G- 1- 2 -2										
150550-000	Z-57- 1										
150553-002	L- 2- 1-21										
150556-002	L- 2- 6										
151017-001	Z-57										
151173-001	M- 1- 1										
151601-002	K-19										
151614-001	L- 6- 9										
152194-001	A-33- 7										
153483-001	L- 6-11										
153544-001	C-34- 8										
153547-001	D-36- 5										
153549-001	E-38- 3										
153550-001	E-38- 3- 1										
153551-000	E-38- 3- 2										