

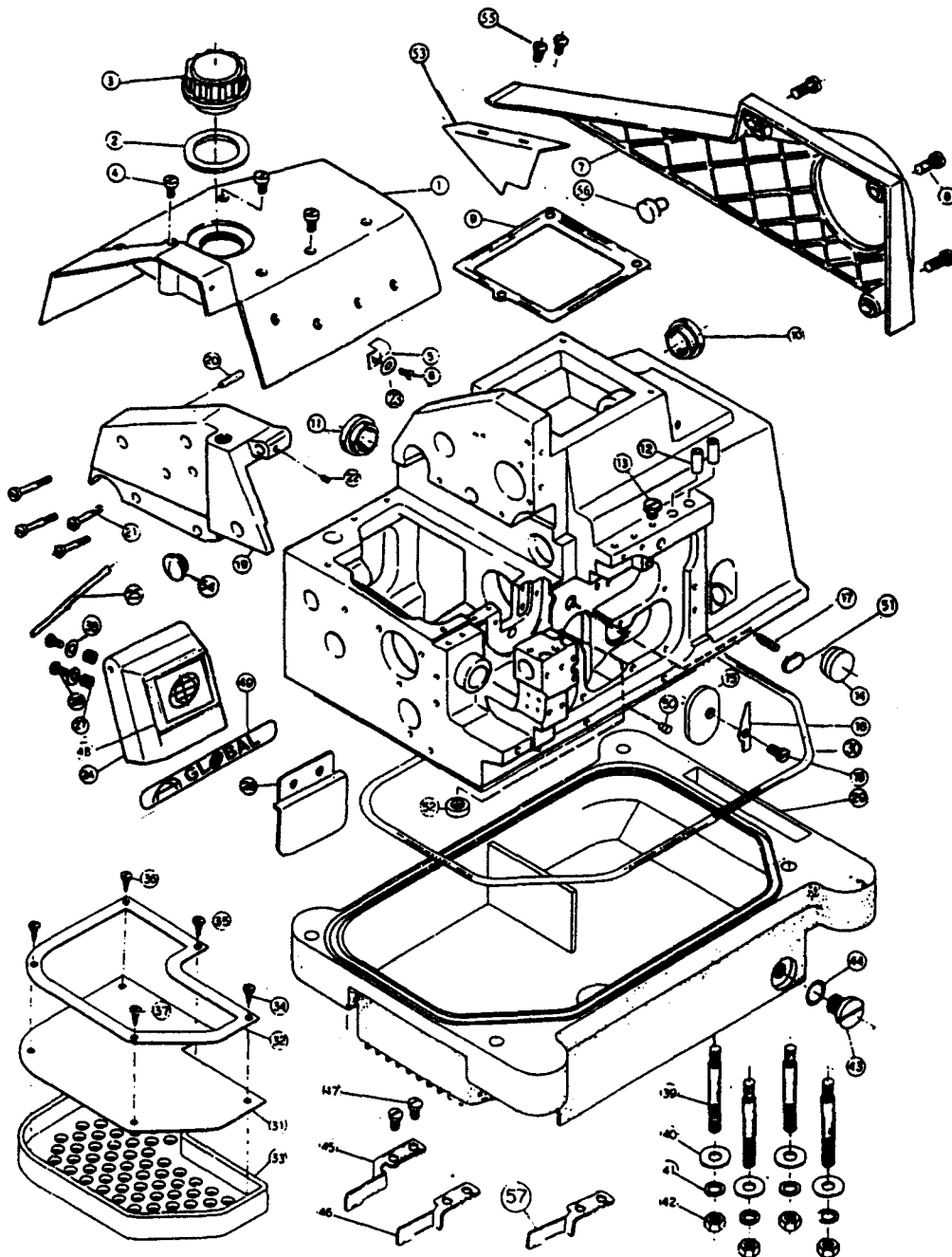
**SUPER HIGH SPEED STRAIGHT NEEDLE
OVERLOCK SEWING MACHINES
PARTS LIST**

VER 1.0 2002.12
SH6302-G-02-12

MODEL OV-600



(2) FRAME COMPONENTS (2)

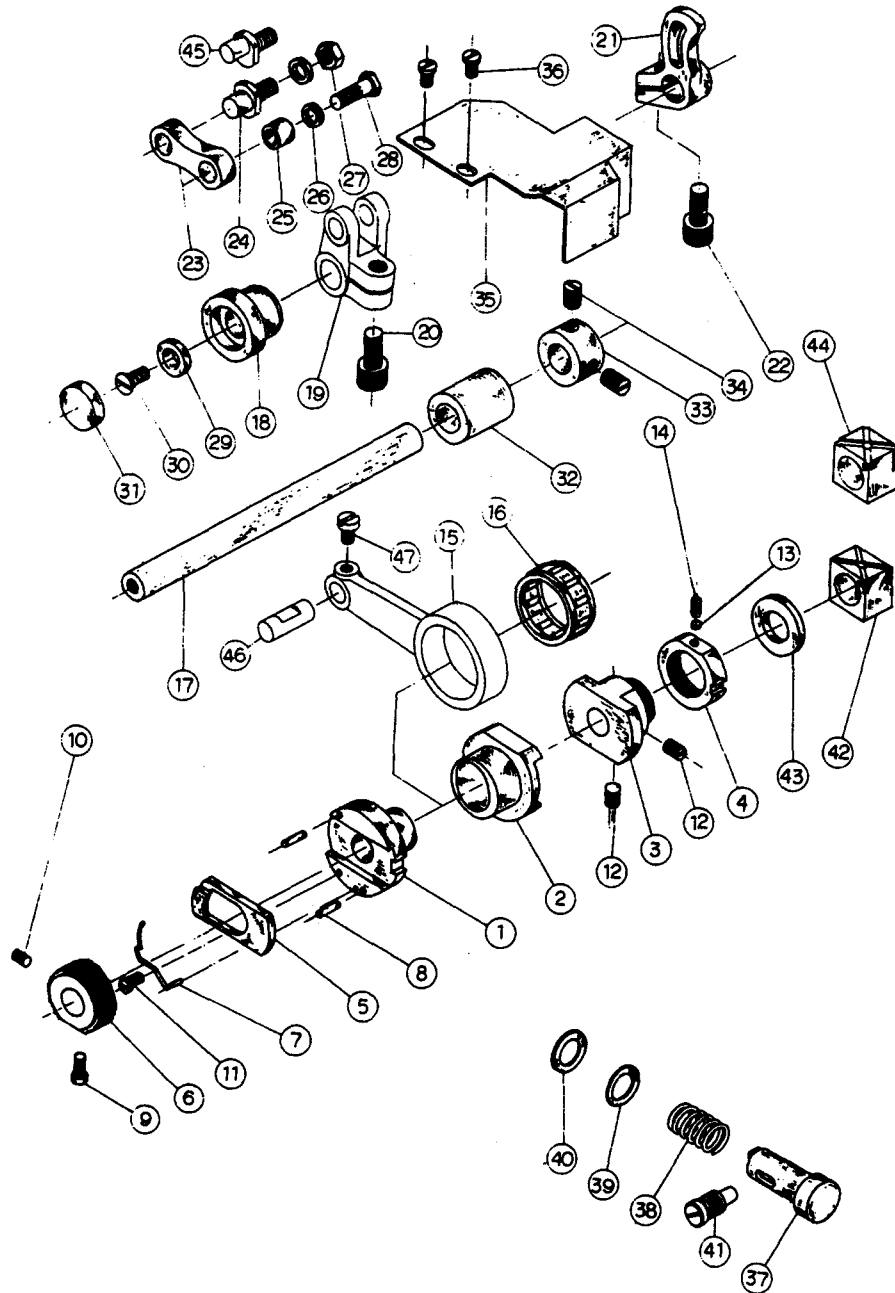


Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Upper cover	R6030201D200	1
2	Gasket	6030202A600	1
3	Oil cap	6030203B600	1
4	Screw	SC48281208D	3
5	Spring	6030205D700	1
6	Screw	SC36400707D	1
7	Belt cover	7030207D600	1
8	Screw	SC60281310D	3
9	Gasket	6030209H700	1
10	Rubber Plug	6030210A600	1
11	Rubber Plug	6030210A600	1
12	Thread Guide	6030212C300	2
13	Screw	SK60281109B	1
14	Plug	6030214A600	1
15	Felt	6030215L700	1
16	Washer	6030216B700	1
17	Oil wick	6707	1
18	Screw	SC44400907D	1
19	Side cover	R6030219A200	1
20	Spring pin	SP0410	1
21	Screw	SB48282507B	4
22	Screw	SN36400400E	1
23	Washer	PW040912	1
24	Face Plate cover	R6030224C200	1
25	Pin	6030225D300	1
26	Safety plate	R6030226B600	1
27	Nut	6030227G300	2
28	Screw	SC36400606D	2
29	Oil reservoir	6030229C200	1
30	Oil gasket	6030230A600	1
31	Filter	6030231M700	1
32	Cord holder	6030232B700	1
33	Filter reservoir	6030233D600	1
34	Screw	WF03130807A	1
35	Screw	WF03130807A	1
36	Screw	WF03130807A	1
37	Screw	WF03130807A	2
38	Washer	PW040912	2
39	Bolts	MG06405000B	4
40	Washer	PW081820	4
41	Spring washer	SW207	4
42	Nut	MA06400612A	4
43	Screw	SM95281017A	1
44	Oil ring	6030244A600	1
45	Chip guard Cover	6050245B700	1
46	Chip guard Cover	6030246B700	1
47	Screw	SB48280808A	2
48	Name plate	6478-1	1
49	Name plate	6478-2	1
50	Plug	6030250H300	1
51	Sponge	6030251L700	1
52	Filter	6030252D600	1
53	Plate	7030253	1
54	Plug	R6030217	1
55	Screw	R6030256	2
56	Rubber Plug	6030116A600	1
57	Chip guard Cover	6030253B700	1

.1 For OV-604 · OV-614

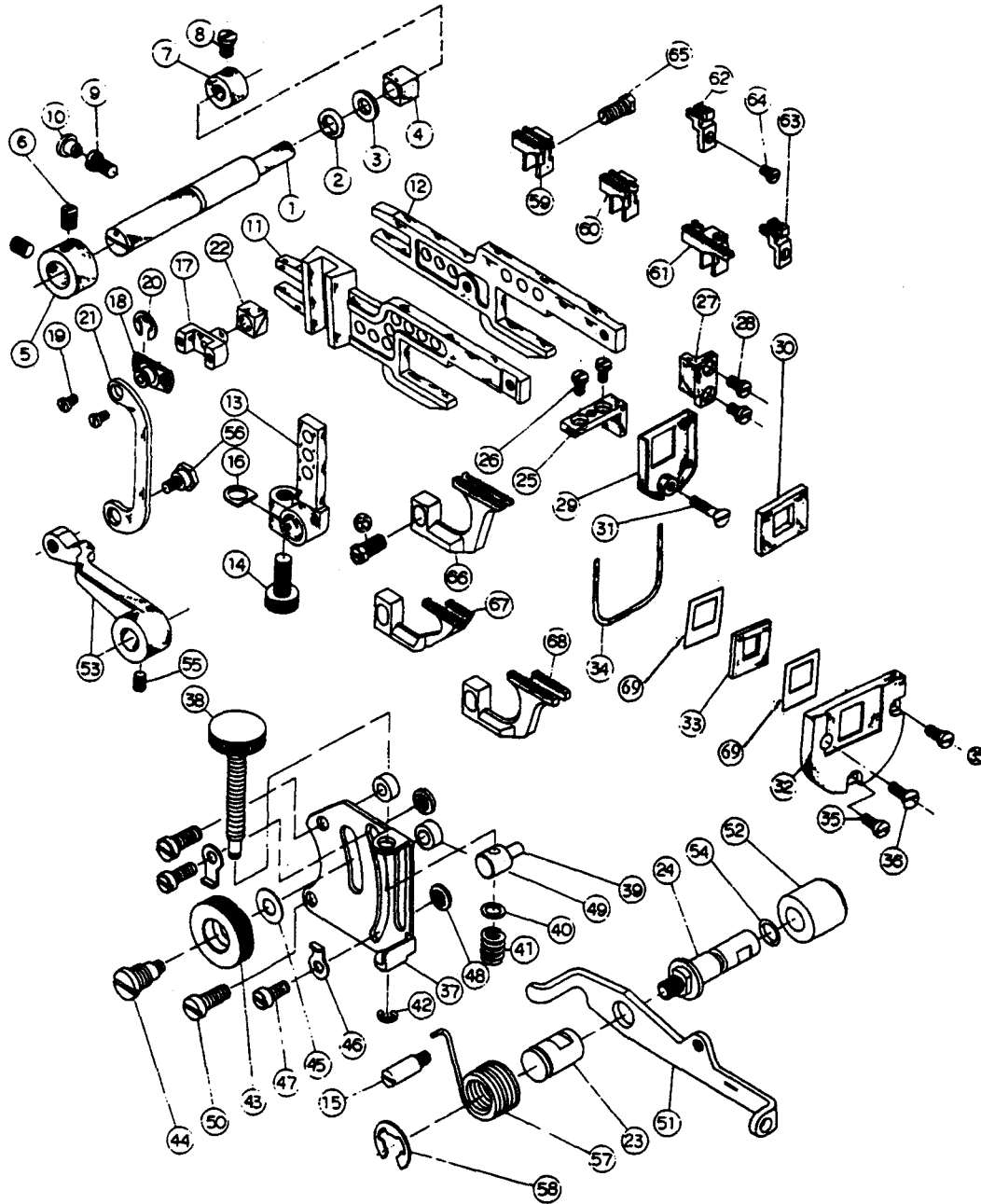
.2 For OV-616

5) FEED MECHANISM COMPONENTS



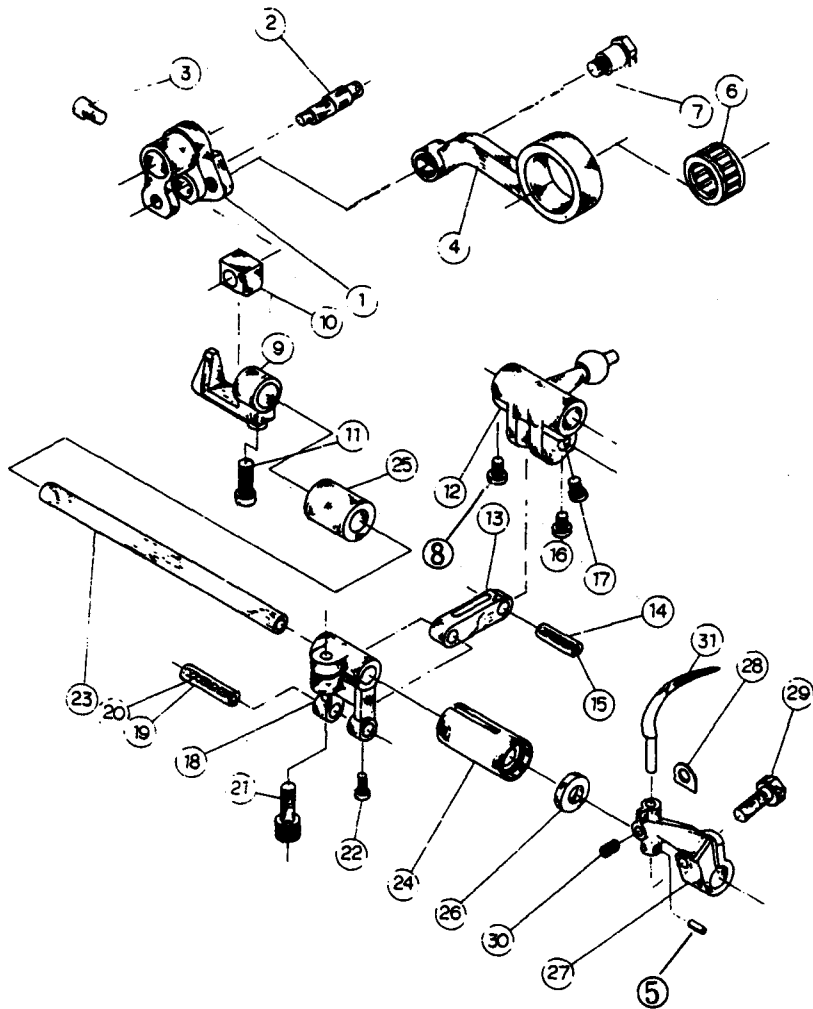
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Eccentric	6030501A300	1
2	Eccentric	6030502A300	1
3	Press ring	6030503A300	1
4	Nut	6030504B300	1
5	Ratchet pawl	6030505B700	1
6	Ratchet gear	6030506A300	1
7	Ratchet pawl spring	6030507A800	1
8	Spring pin	SP0308	2
9	Screw	SB44400706F	1
10	Screw	SN44400400E	1
11	Screw	SB24560604B	1
12	Screw	SN44400400E	2
13	Plug	6030513E700	1
14	Screw	SN32440300E	1
15	Crank rod	6030515A100	1
16	Bearing	NB22261000	1
17	Rocker Shaft	6030517A300	1
18	Rocker shaft bushing	6030518G300	1
19	Crank	6030519A100	1
20	Screw	MM06301210A	1
21	Main feed rocker	6030521A100	1
22	Screw	MM60301210A	1
23	Main feed link	6030523 E200	1
24	Crank Pin	6030524A300	1
25	Collar	6030525A300	1
26	Washer	6030526B700	2
27	Nut	SA48320409B	1
28	Screw	SK48321207C	1
29	Washer	6030529B700	1
30	Screw	SE36400806B	1
31	Rubber plug	6030531A600	1
32	Bushing	6030532G300	1
33	Thrust collar	6030533D300	1
34	Screw	SH56320500A	2
35	Cover	6030535B700	1
36	Screw	SC36400707D	2
37	Push button stud	6030537D300	1
38	Spring	6030538A800	1
39	Washer	6030539D700	1
40	Felt	6030540L700	1
41	Bolt	SB60281507D	1
42	Slide Block	6050542G300	1
43	Washer	6030543B700	1
44	Slide Block	6030544G300	1
45	Crank Pin	6030545A300	1
46	Crank Pin	6030546A300	1
47	Screw	SK44400606A	1
.1	For OV-604 · 614		
.2	For OV-616		
.3	For OV-604-059 · OV-614-249 · OV-616-559 OV-604-000 · OV-616-359PD05		

(6) FEED MECHANISM COMPONENTS



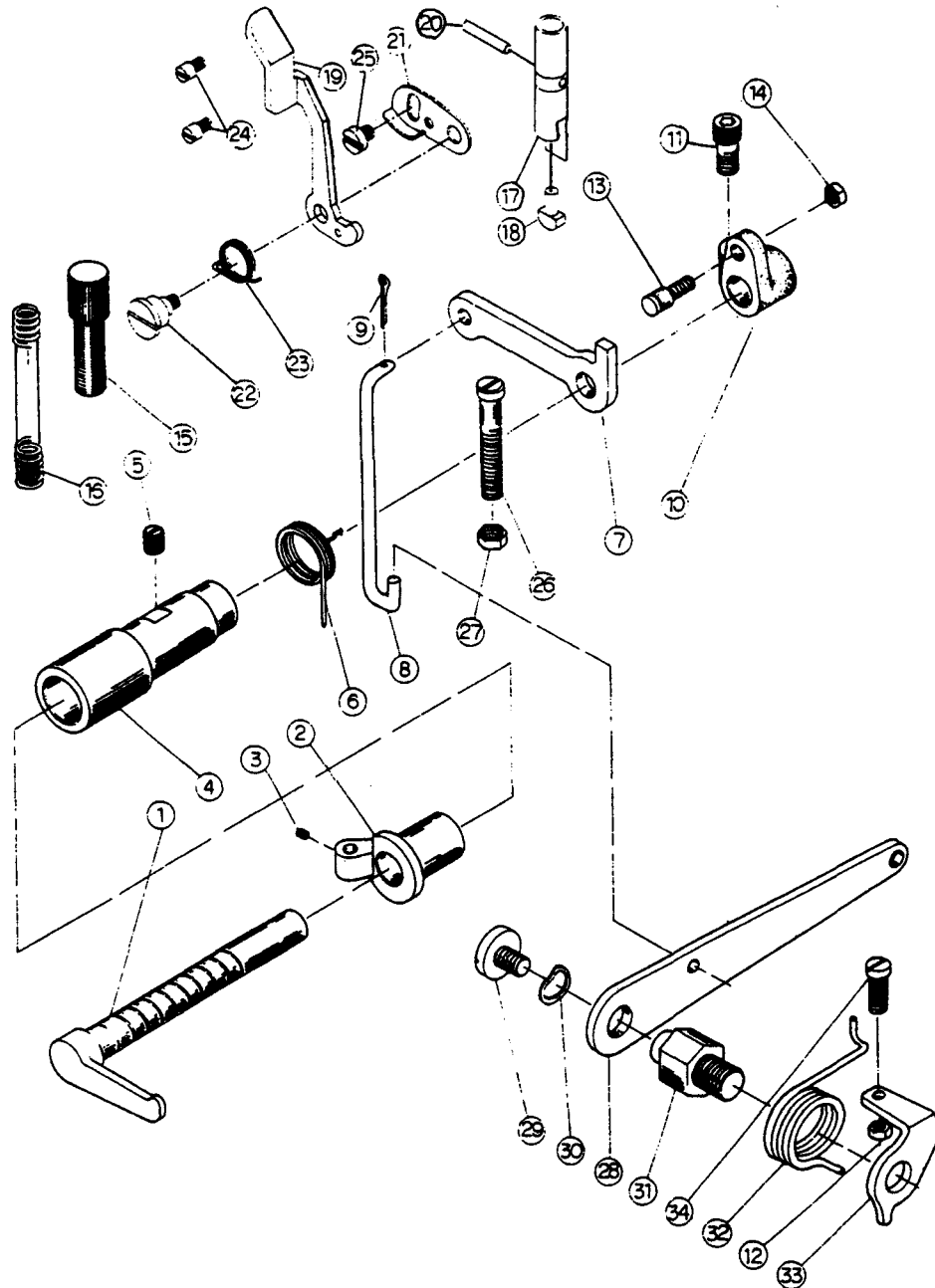
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Feed bar shaft	6030601A300	1
2	Rubber ring	ORP08	1
3	Washer	6030603B700	1
4	Slide block	6030604A400	1
5	Collar	6030605D300	1
6	Screw	SG56320500A	2
7	Collar	6030607D300	1
8	Screw	SB44400706A	1
9	Screw	SB44400706A	1
10	Flux	6030610A600	1
11	Main feed bar	6030611A100	1
12	Differential feed bar	6030612A100	1
13	Differential feed rocker	6030613A100	1
14	Screw	MM06301210A	1
15	Stopper Screw	SB48280606M	1
16	Washer	6030616B700	1
17	Slide block	6030617A100	1
18	Slide block	6030618A100	1
19	Screw	SB32440505A	2
20	Retainer E	ER05	1
21	Link	6030621B700	1
22	Slide block	6030622A400	1
23	Nut	6030623B300	1
24	Hinge Screw	6030624B300	1
25	Feed bar support	6030625A400	1
26	Screw	SC36400706D	2
27	Feed bar support	6030627B700	1
28	Screw	SB36400505A	2
29	Rubber cover	6030629B700	1
30	Rubber	6030630F600	1
31	Screw	SE36401107A	1
32	Rubber case	6030632C200	1
33	Rubber	6030633F600	1
34	Rubber ring	6030634A600	1
35	Screw	SC36400806D	2
36	Screw	SE36401107A	1
37	Differential Feed Graduation	6030637B700	1
38	Adjusting screw	6030638D300	1
39	Differential feed block	6030639C300	1
40	Washer	6030640B700	1
41	Spring	6030641A800	1
42	Retainer E	ER03	1
43	Lock nut	6030643C300	1
44	Hinge screw	6030644C300	1
45	Washer	6030645B700	1
46	Washer	6030646B700	2
47	Screw	SC36400606D	2
48	Nut	6030648D300	2
49	Washer	6030649D300	2
50	Screw	SC48281208D	2
51	Rocker shaft	6030651B700	1
52	Bushings	6030652A500	1
53	Differential feed rocker	6030653B200	1
54	Rubber ring	ORP05	1
55	Screw	SN60280800E	1
56	Hinge screw	SK44400609E	1
57	Spring	6030657A800	1
58	Retainer E	ER09	1
.1	Differential feed dox	FD60821	1
.2	Differential feed dox	FD60971	1
.3	Differential feed dox	FD60828	1
.4	Auxiliary feed dox	AF60871	1
.3	Auxiliary feed dox	AF60874	1
64	Screw	SB32440705A	1
65	Screw	SK44400907A	2
.1	Main feed dox	DF8040T	1
.3	Main feed dox	DF85209	1
.2	Main feed dox	DF814BE	1
69	Washer	6030669	2
.1	For OV-604		
.2	For OV-614		
.3	For OV-616		

(8) CHAIN LOOPER COMPONENTS (FOR 0V-616)



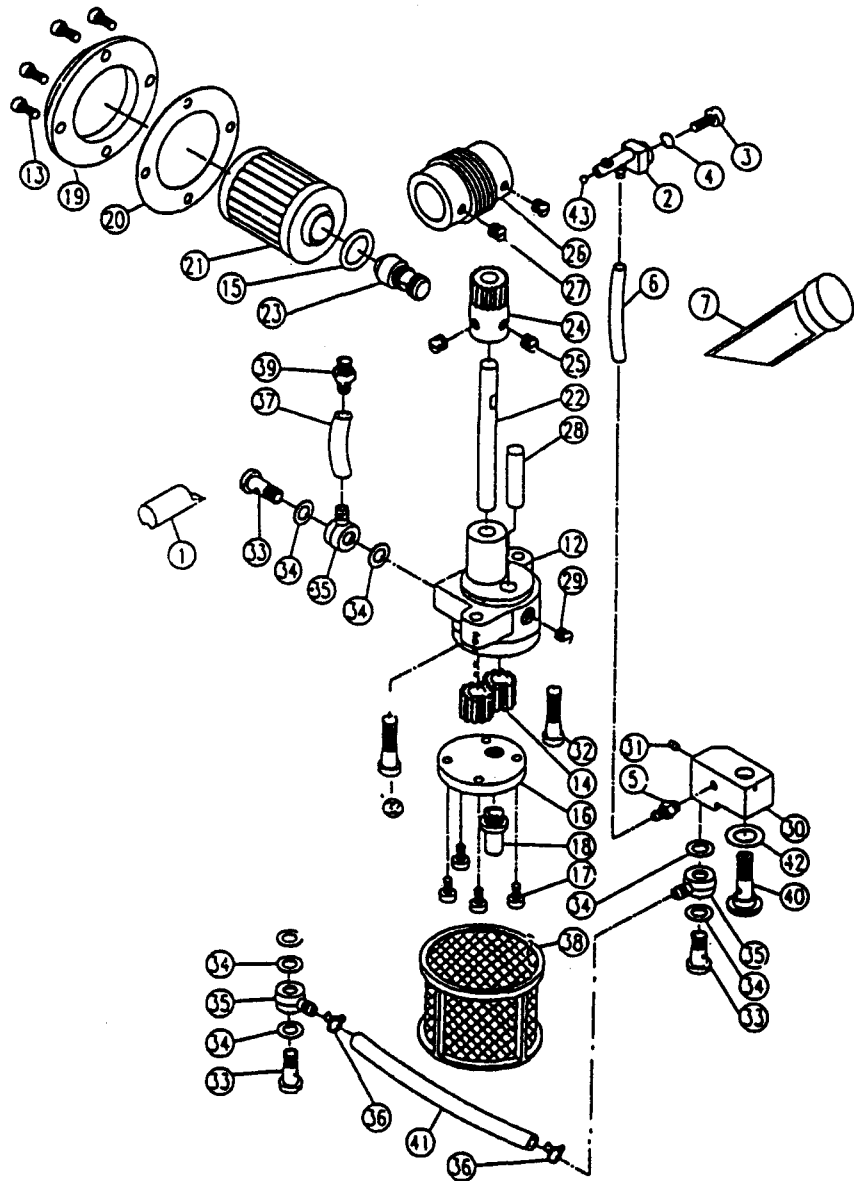
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Chain looper shaft slide arm	6050801A100	1
2	Slide block pin	6050802A300	1
3	Screw	SB44400706A	1
4	Chain looper rod	6050804A100	1
5	Spring Pin	SP0208	1
6	Bearing	NB18221000	1
7	Screw	SK56321309E	1
8	Screw	SN44400706A	1
9	Bracket	6050809A100	1
10	Slide block	6050810A400	1
11	Screw	SB48321207A	1
12	Ball stud	6050812A100	1
13	Driving link	6050813A400	1
14	Pin	6050814A300	1
15	Oil wick	6707	1
16	Screw	SB36400505A	1
17	Screw	SN44400706A	1
18	Driving arm	6050818A100	1
19	Pin	6050819A300	1
20	Oil wick	6707	1
21	Screw	MM06301210A	1
22	Screw	SB36400505A	1
23	Chain looper shaft	6050823A300	1
24	Bushing	6050824G300	1
25	Bushing	6050825G300	1
26	Oil seal	6050826A600	1
27	Driving arm	6050827D100	1
28	Washer	6050828B700	1
29	Screw	SK60281007F	1
30	Screw	SN44400400E	1
31	Chain looper	CL605294	1

(9) PRESSER FOOT COMPONENTS



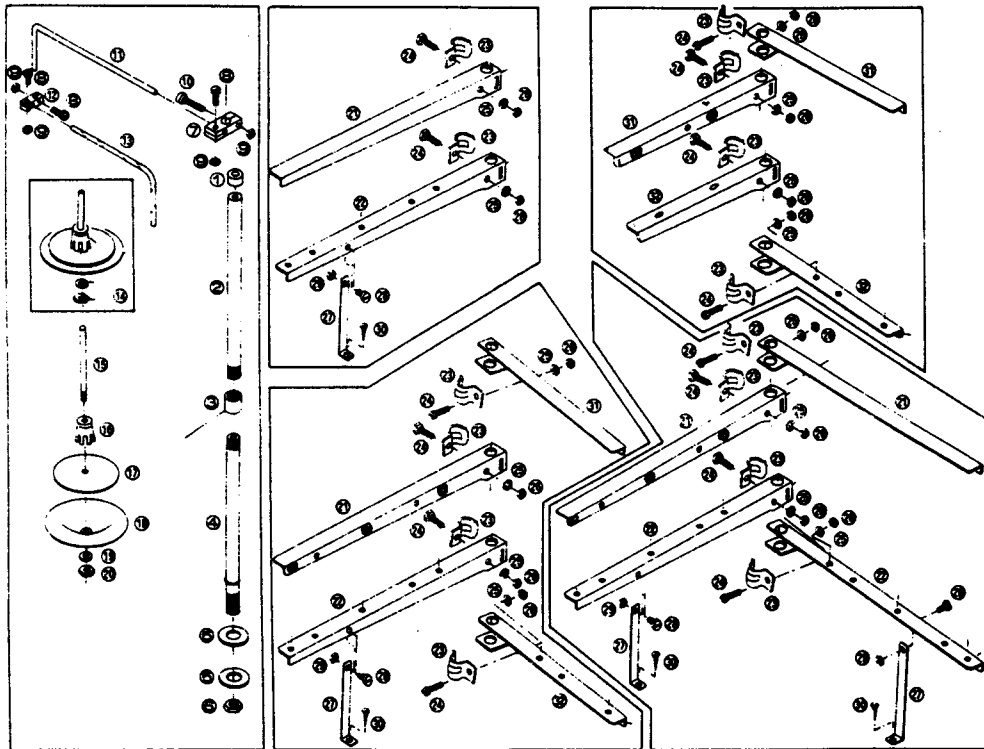
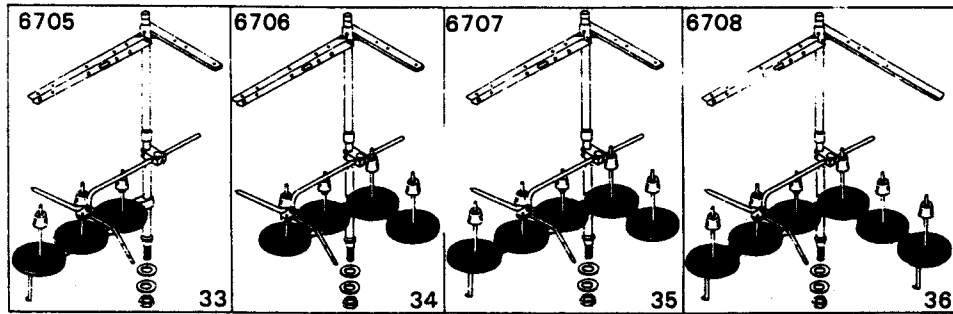
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Presser foot shaft	6030901A100	1
2	Bushing	6030902 E200	1
3	Screw	MN04280400E	1
4	Bushing	6030904F300	1
5	Screw	SG60280700A	1
6	Spring	6030906A800	1
7	Lifting arm	6030907B700	1
8	Lifting hook	6030908B800	1
9	Split pin	SL0220	1
10	Presser foot Shaft Thrust arm	6030910A100	1
11	Screw	MM06301210A	1
12	Nut	SA44400307A	1
13	Screw	SB44401705J	1
14	Nut	SA44400307A	1
15	Presser Spring regulator	7030915D300	1
16	Spring	6030916A800	1
17	Presser bar	6030917A300	1
18	Plunger	6030918D600	1
19	Presser foot lifting lever	7030919B700	1
20	Spring Pin	SP0318	1
21	Base	7030921B700	1
22	Lifting lever screw	6030922D300	1
23	Spring	6030923A800	1
24	Screw	SB36400505M	2
25	Screw	SC44400508D	1
26	Screw	SK60283608G	1
27	Nut	SA60280309A	1
28	Lifting lever	6030928B700	1
29	Screw	SC64240916C	1
30	Waved washer	6030930D700	1
31	Lifting lever screw	6030931D300	1
32	Spring	6030932A800	1
33	Presser foot lifting lever stopper	6030933B700	1
34	Screw	SK44401307A	1

19 LUBRICATION MECHANISM



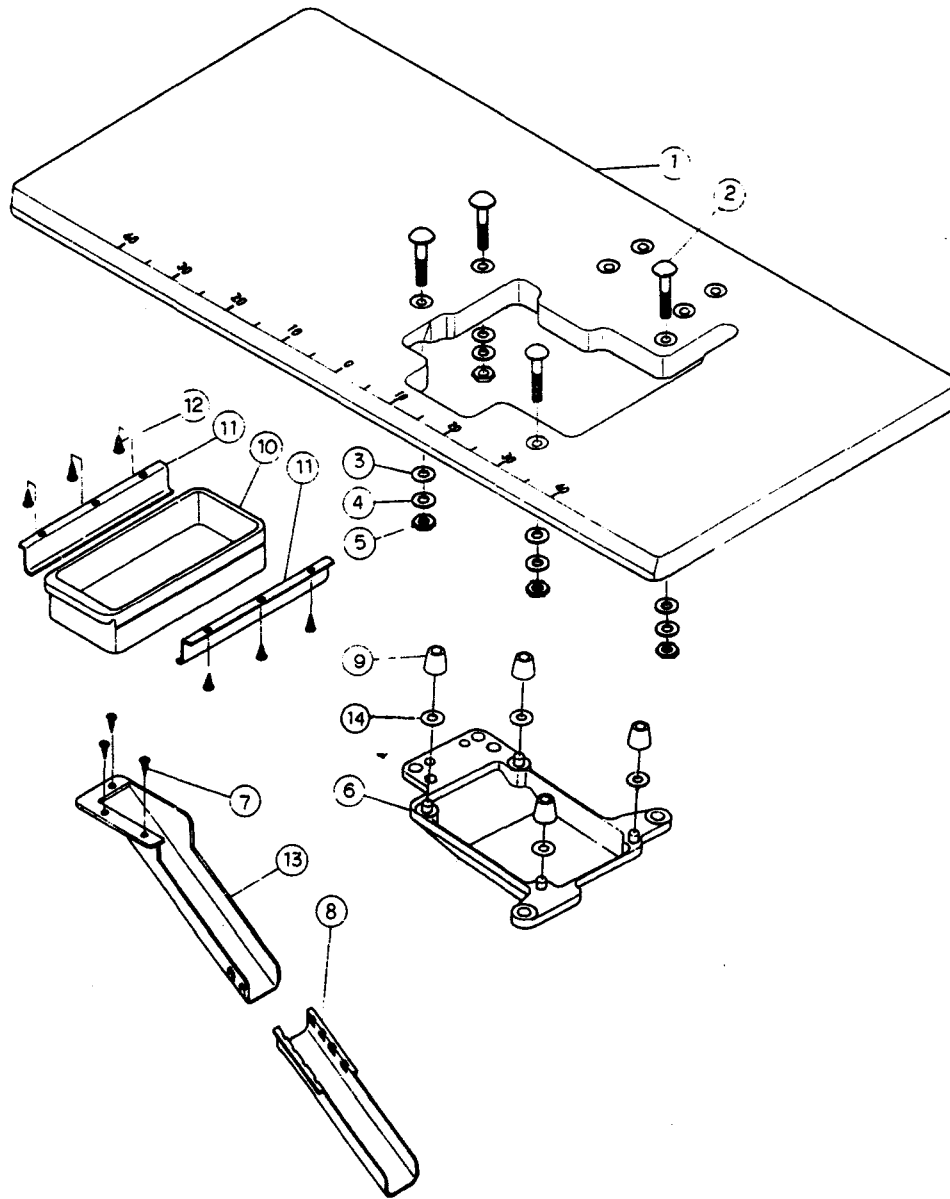
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Bushing	6031501	1
2	Oil exhaust holder	6031502B700	1
3	Screw	SC44401208D	1
4	Rubber ring	ORP04	1
5	Oil tube joint	6031505G300	1
6	Oil tube	6692	1
7	Oil sign gauge	R6031507K300	1
8		-----	
9		-----	
10		-----	
11		-----	
12	Oil pump base	6031512A200	1
13	Screw	SC44401208D	4
14	Gear	6031514A500	2
15	Rubber ring	ORP12	4
16	Cover	6031516B700	1
17	Screw	SC36400707D	4
18	Oil tube	6031518B700	1
19	Filter cover	6031519D200	1
20	Filter seat	6031520D200	1
21	Cartridge filter	6031521G700	1
22	Shaft	6031522A300	1
23	Oil tube joint	6031523G300	1
24	Worm gear	6031524B300	1
25	Screw	SG56320500A	2
26	Worm	6031526A300	1
27	Screw	SN56320500E	2
28	Shaft	6031528A300	1
29	Screw	SB44400807A	1
30	Distribute block	6031530D200	1
31	Plug	6031531H300	1
32	Screw	SB48282009B	2
33	Screw	6031533C300	3
34	Washer	6031534E600	7
35	Oil tube joint	6031535D600	3
36	Snap ring	6031536B800	2
37	Oil tube	6031537A600	1
38	Oil grid	6031544	1
39	Oil tube joint	6031539G300	1
40	Screw	6031540G300	1
41	Oil tube	6031541A600	1
42	Washer	6031542E600	1
43	Plug	6031543D600	1

00 THREAD STAND COMPONENTS



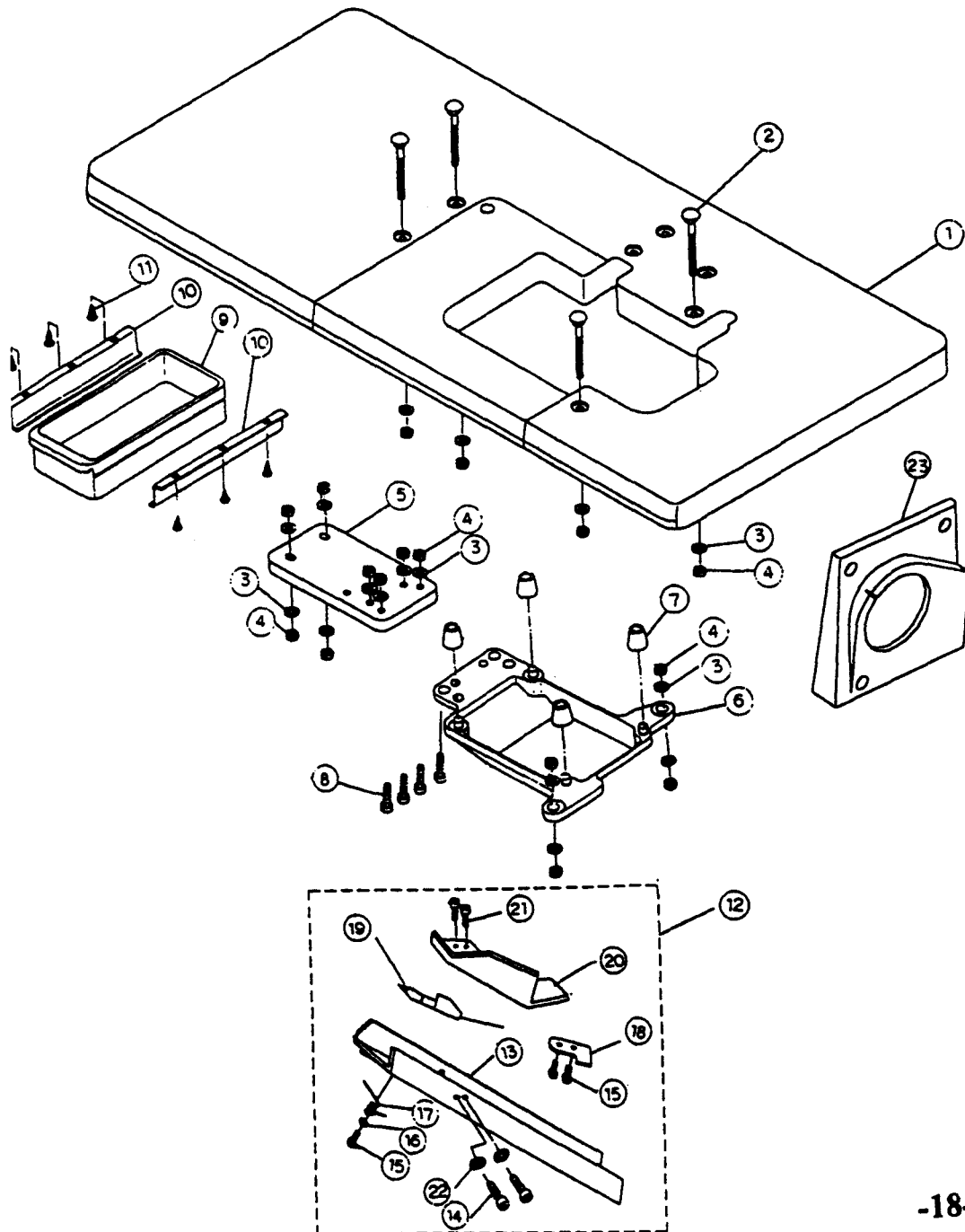
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Rod cup	67051	1
2	Upper Thread Stand Rod	67052	1
3	Joint	67053	1
4	Lower Thread Stand Rod	67054	1
5	Washer	67055	2
6	Nut	67056	1
7	Bracket	67057	1
8	Screw	67058	3
9	Nut	67059	4
10	Screw	670510	1
11	Arm	670511	1
12	Bracket	670512	1
13	Thread Guide	670513	1
14	Spool Set for SH7003	670514	3
	Spool Set for SH7004	670514	4
	Spool Set for SH7005	670514	5
	Spool Set for SH7006	670514	6
15	Spool Pin	670515	1
16	Spool Retaining Fig	670516	1
17	Seat	670517	1
18	Spool Tray	670518	1
19	Spring Washer	670519	1
20	Nut	670520	1
21	Thread Guide for SH7003 · SH7005	670521	1
	Thread Guide for SH7006	670521	2
22	Spool Set Bracket for SH7003 · SH7005	670522	1
	Spool Set Bracket for SH7006	670522	2
23	Clamp	670523	2
24	Screw	670524	1
25	Spring Washer	670525	1
26	Nut	670526	1
27	Support Rod for SH7003 · SH7005	670527	1
	Support Rod for SH7006	670527	2
28	Screw for SH7003 · SH7005	670528	1
	Screw for SH7006	670528	2
29	Nut for SH7003 · SH7005	670529	1
	Nut for SH7006	670529	2
30	Wood Screw for SH7003 · SH7005	670530	1
	Wood Screw for SH7006	670530	2
31	Thread Guide for SH7004	670531	2
	Thread Guide for SH7005	670531	1
32	Spool Set Bracket for SH7004	67061	2
	Spool Set Bracket for SH7005	67052	1
33	Thread Stand Asm. For SH7003	6705	
34	Thread Stand Asm. For SH7004	6706	
35	Thread Stand Asm. For SH7005	6707	
36	Thread Stand Asm. For SH7006	6708	
	33 For OV-604		
	34 For OV-614		
	35 For OV-616		
	36 For OV-643		

07 SEMI-SUNKEN TYPE TABLE COMPONENTS

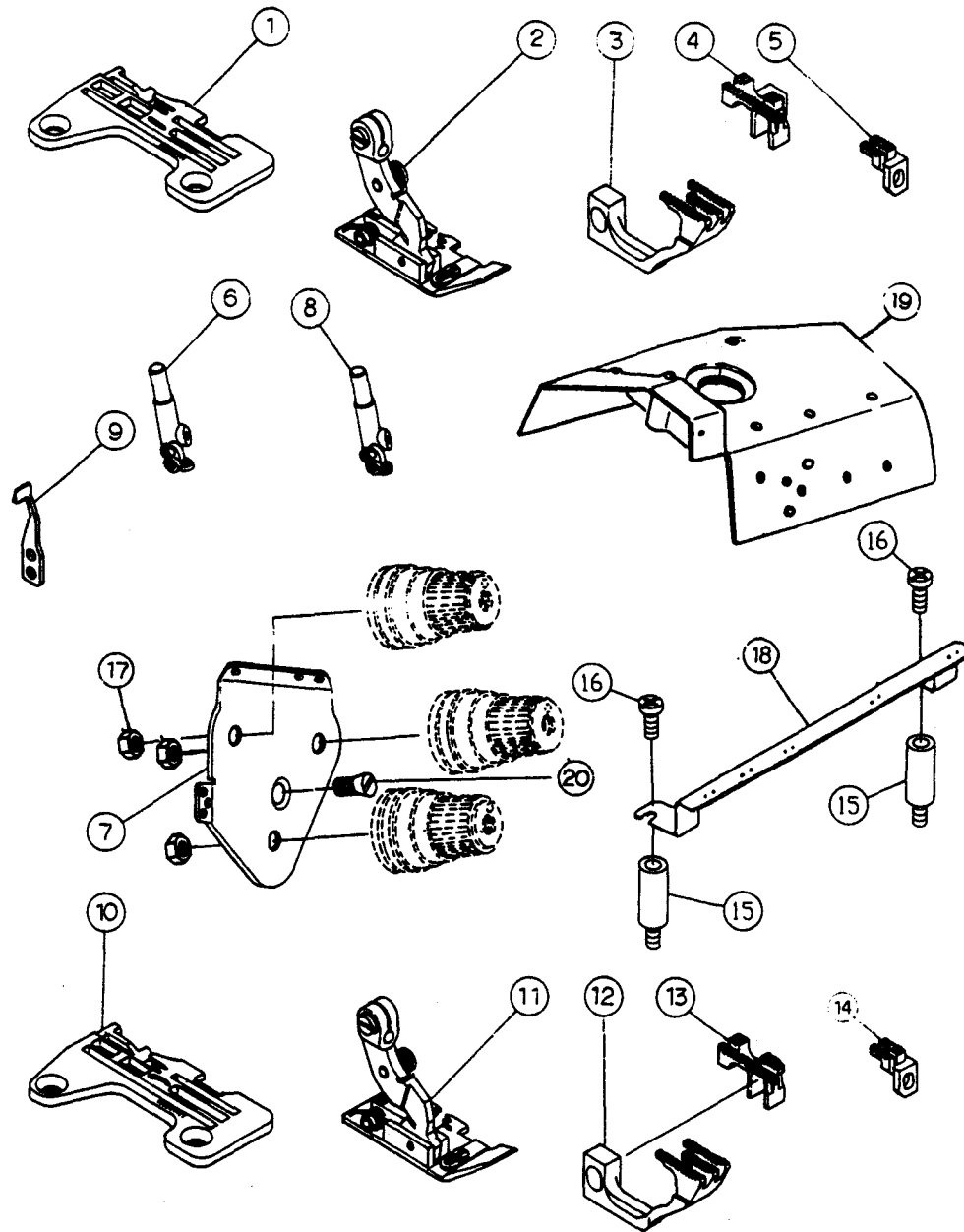


Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Table	6813-1	1
2	Screw	6031702D200	4
3	Washer	6031703B700	4
4	Washer	6031704B700	4
5	Nut	SA10160714A	4
6	Frame support plate	6031706C200	1
7	Screw	WF03131706A	3
8	Waste chute , lower	6742	1
9	Rubber	6031709A600	4
10	Drawer	6751	1
11	Drawer support	6752	2
12	Screw	WF05142207A	6
13	Waste chute , upper	6741	1
14	Washer	6031714B700	4

(18) FULLY SUNKEN TYPE TABLE COMPONENTS



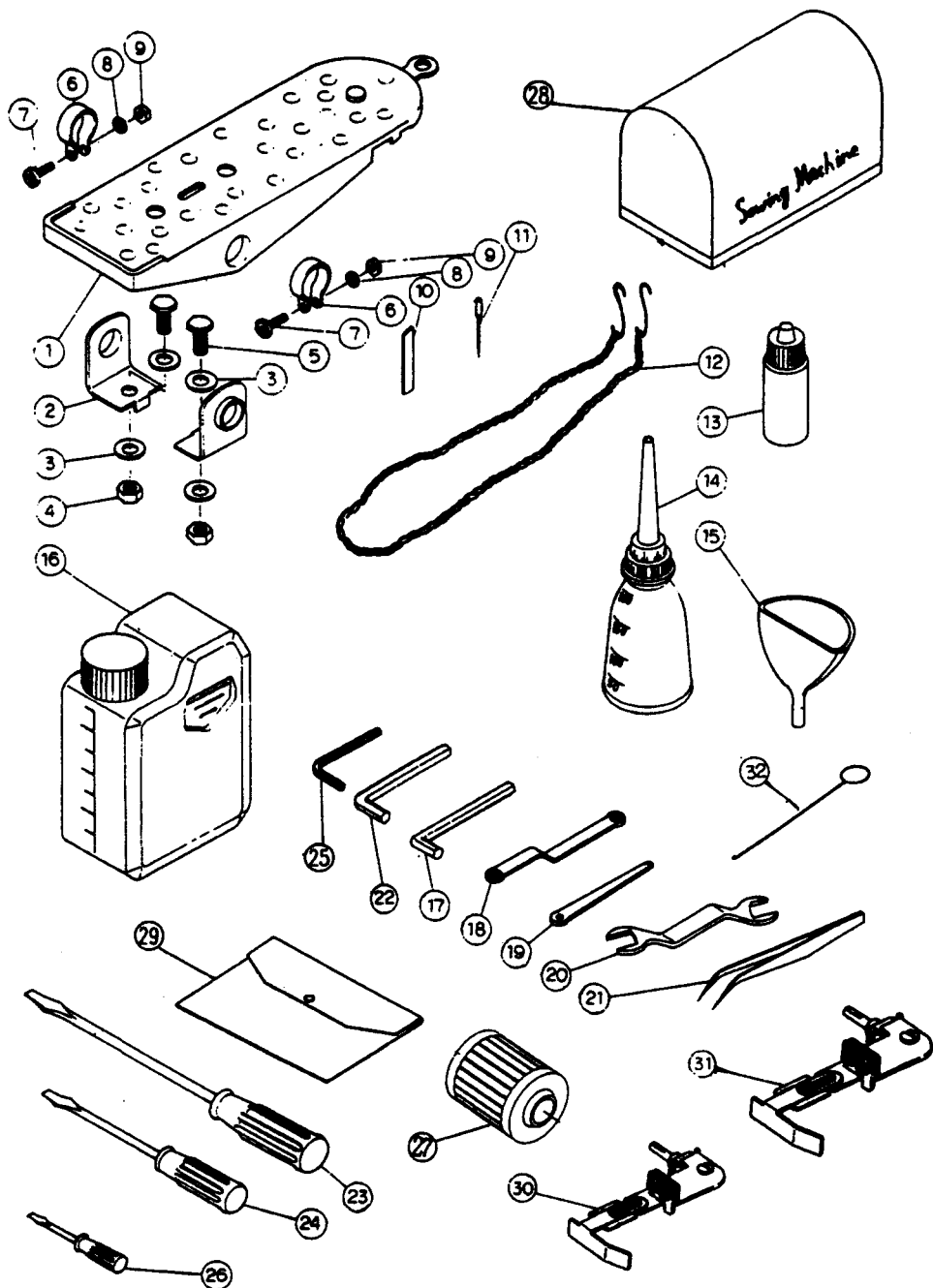
Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Table	68 13-2	1
2	Screw	7031802	4
3	Washer	6031704B700	16
4	Nut	SA10160714A	16
5	Frame support auxiliary plate	7031805	1
6	Frame support plate	7031806	1
7	Rubber	6031709A600	4
8	Screw	SB95283214A	4
9	Drawer	6751	1
10	Drawer support	6752	2
11	Screw	WF05142207A	6
12	Waste chute asm.	7031812	1
13	Waste chute	7031813	1
14	Screw	SB44401407A	2
15	Screw	SB32440705A	3
16	Washer	C000232PW	1
17	Spring	7031817	1
18	Cloth waste chute inlet lever	7031818	1
19	Rubber	7031819	1
20	Cloth waste chute inlet	7031820	1
21	Screw	SB36400406A	2
22	Washer	PW051007	2
23	Belt cover	7031823	1



Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
.1 1	Throat plate	TP606CA3	1
.1 2	Presser foot, complete set	PF606CA3	1
.1 3	Differential feed dog	DF86009	1
.1 4	Main feed dog	FD60840	1
5	Aux feed dog	AF60874	1
.1 6	Needle clamp	NC606A33	1
7	Needle thread guide eyelet	6061907B700	1
.2 8	Needle clamp	NC606048	1
9	Needle guide	6061909E200	1
		<NG606908>	
.2 10	Throat plate	TP606CA3	1
.2 11	Presser foot, complete set	PF606DA3	1
.2 12	Differential feed dog	DF86009	1
.2 13	Main feed dog	FD60840	1
14	Aux feed dog	AF60874	1
15	Spacer	70619151	2
16	Screw	SC444400808D	2
17	Nut	SA44400307A	3
18	Thread guide	7061918	1
19	Upper cover	70619191	1
20	Screw	SF44400607C	1

.1 For OV-616-633
 .2 For OV-616-635

(21) ACCESSORIES

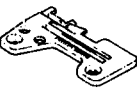

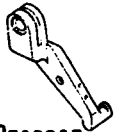











Ref.No	DESCRIPTION	PARTS NO.	QUANTITY
1	Pedal	67001	1
2	Bearing	67002	2
3	Washer	67003	4
4	Nut	67004	2
5	Screw	67005	2
6	Snap ring	67006	2
7	Screw	67007	2
8	Washer	67008	2
9	Nut	67009	2
10	Lower Knife	6031218P700	1
11	Needle	6732	10
12	Chain	6695	1
13	Oiler	6720	1
14	Container	6721	1
15	Oil Funnel	6722	1
16	Oil Container	6715	1
17	Allen Key	6635	1
18	Wrench	6655	1
19	Wrench	6656	1
20	Wrench	6625	1
21	Tweezers	6690	1
22	Allen Key	6636	1
23	Screw driver	6665	1
24	Screw driver	6666	1
25	Allen Key Driver	6639	1
26	Screw driver	6667	1
27	Cartridge Filter	6031521G700	1
28	Machine cover	6845	1
29	Accessories bag	Am-6751	1
.1 30	Edge guide asm	EG001	1
.2 31	Edge guide asm	REG001	1
32	Threading Bar	6840	1



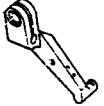









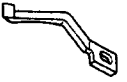
.1 For OV-604 · OV-614

.2 For OV-616













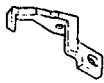


List of Main Spare Parts

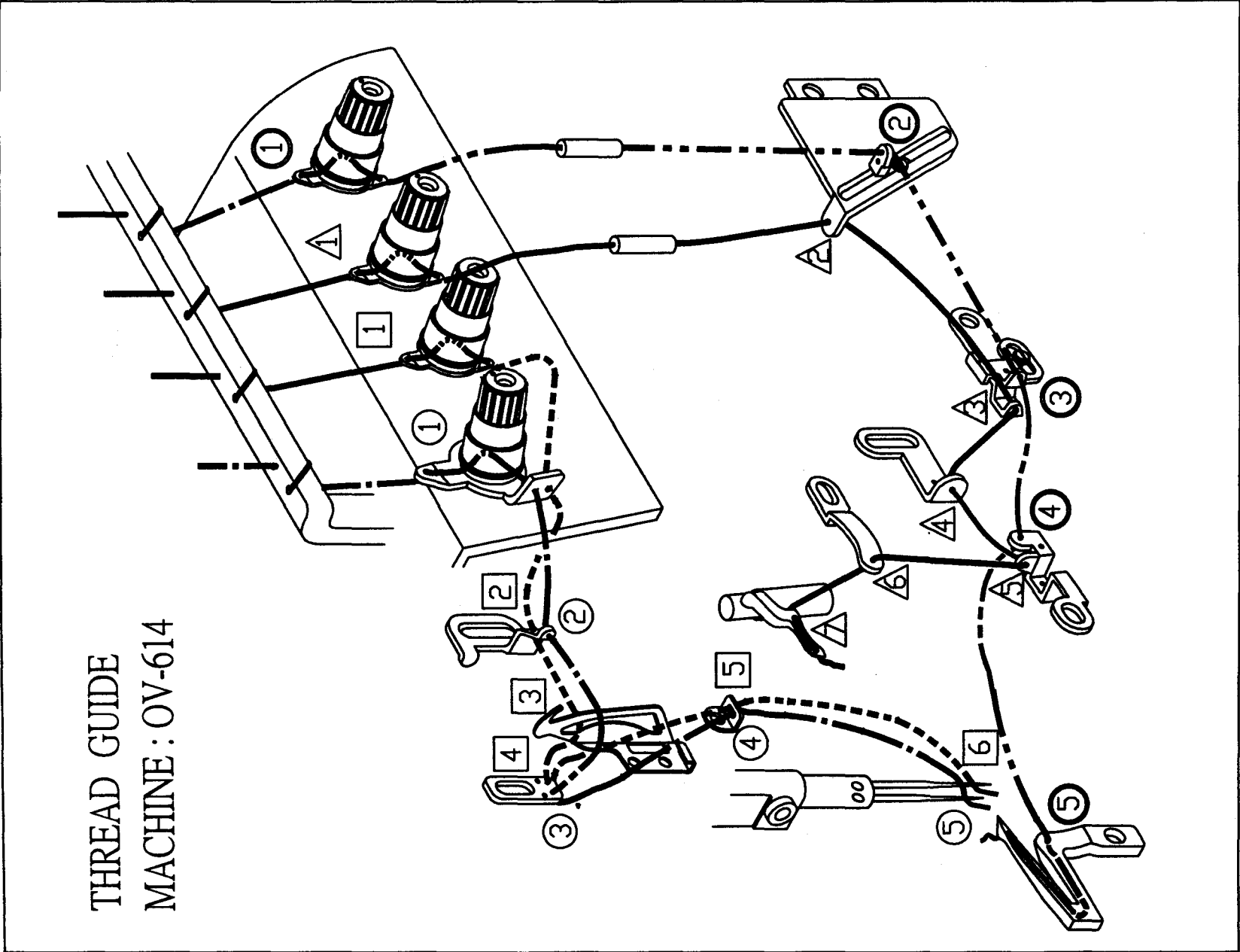
Main Parts												
Models	Throat Plate	Presser foot asm	Presser foot hinge	Presser foot	Stitch tongue	Main feed dog	Differential feed dog	Auxiliary feed dog	Upper looper	Lower looper	Chip guard cover	Needle clamp
OV-603-000	TP603032	PF613032	PF603032A	PF613032B	PF613032C	FD60821	DF8040T	AF60871	UL603886	LL603884	6030131 B700	NC603033
OV-604-000	TP603032	PF613032	PF603032A	PF613032B	PF613032C	FD60821	DF8040T	AF60871	UL603880	LL603884	7030131 B700	NC603033
OV-604-010	TP6B3022	PF6B3022	PF603032A	PF603032B	PF6B3022C	FD60821	DF8040T	AF60870	UL603880	LL603884	7030131 B700	NC603033
OV-604-050	TP603053	PF603052	PF603032A	PF603052B	PF603052C	FD60822	DF85100	AF60871	UL603880	LL603884	7040132 B700	NC603033
OV-604-050BL	TP623032	PF603032	PF603032A	PF603032B	PF603032C	FD60821	DF8040T	AF60871	UL603880	LL603884	7040132 B700	NC603033
OV-604-057	TP603053	PF683053	PF603032A	PF683053B	PF603052C	FD60822	DF85100	AF60871	UL603880	LL603884	7040132 B700	NC603033
OV-604-059	TP643033	PF643033	PF603032A	PF603052B	PF603032C	FD60834	DF814BL	AF60871	UL603880	LL603884	7040131 B700	NC603033
OV-604-065	TP603063	PF603062	PF603032A	PF604B33B	PF603052C	FD60822	DF85100	AF60871	UL603880	LL603884	7040132 B700	NC603033

List of Main Spare Parts

Main Parts													
Models	Throat Plate	Presser foot asm	Presser foot hinge	Presser foot	Stitch tongue	Main feed dog	Differential feaddog	Auxiliary feaddog	Needle clamp	Upper looper	Lower looper	Chip guard cover	Needle guide
OY-614-240	TP604A43	PF604A32	PF603032A	PF604A32B	PF604A32C	FD60824	DF86504	AF60871	NC604022	UL604883	LL603884	7040132 B700	NG604903
OY-614-245	TP694A43	PF694A43	PF603032A	PF604A43B	PF604A32C	FD60824A	DF86504A	AF60871	NC604022	GUL604152	LL604885	7040132 B700	NG604903
OY-614-247	TP604A43	PF684A43	PF683053A	PF683053B	PF604A32C	FD60824	DF86504	AF60871	NC604022	UL604883	LL603884	7040132 B700	NG604903
OY-614-249	TP644A33	PF644A33	PF603032A	PF643033B	PF604A32C	FD60834	DF814BL	AF60871	NC604022	UL604883	LL603884	7040132 B700	NG604903
OY-614-240BL	TP624A43	PF604A32	PF603032A	PF604A32B	PF604A32C	FD60824	DF86504	AF60871	NC604022	UL604883	LL603884	7040132 B700	NG604903
OY-614-240 P.D.04	TP604A32	PF664A32	PF664A32A	PF664A32B		FD60971	DF814BE	AF60871	NC604022	UL604883	LL603884	7040132 B700	NG604903
OY-614-249 P.D.04	TP644A33	PF674A43	PF664A32A	PF664A32B		FD60834	DF814BL	AF60871	NC604022	UL604883	LL603884	7040132 B700	NG604903
OY-614-350	TP604B53	PF604B33	PF603032A	PF604B33B	PF604B33C	FD60825	DF90706	AF60872	NC604026	UL604880	LL603884	7040132 B700	NG604904

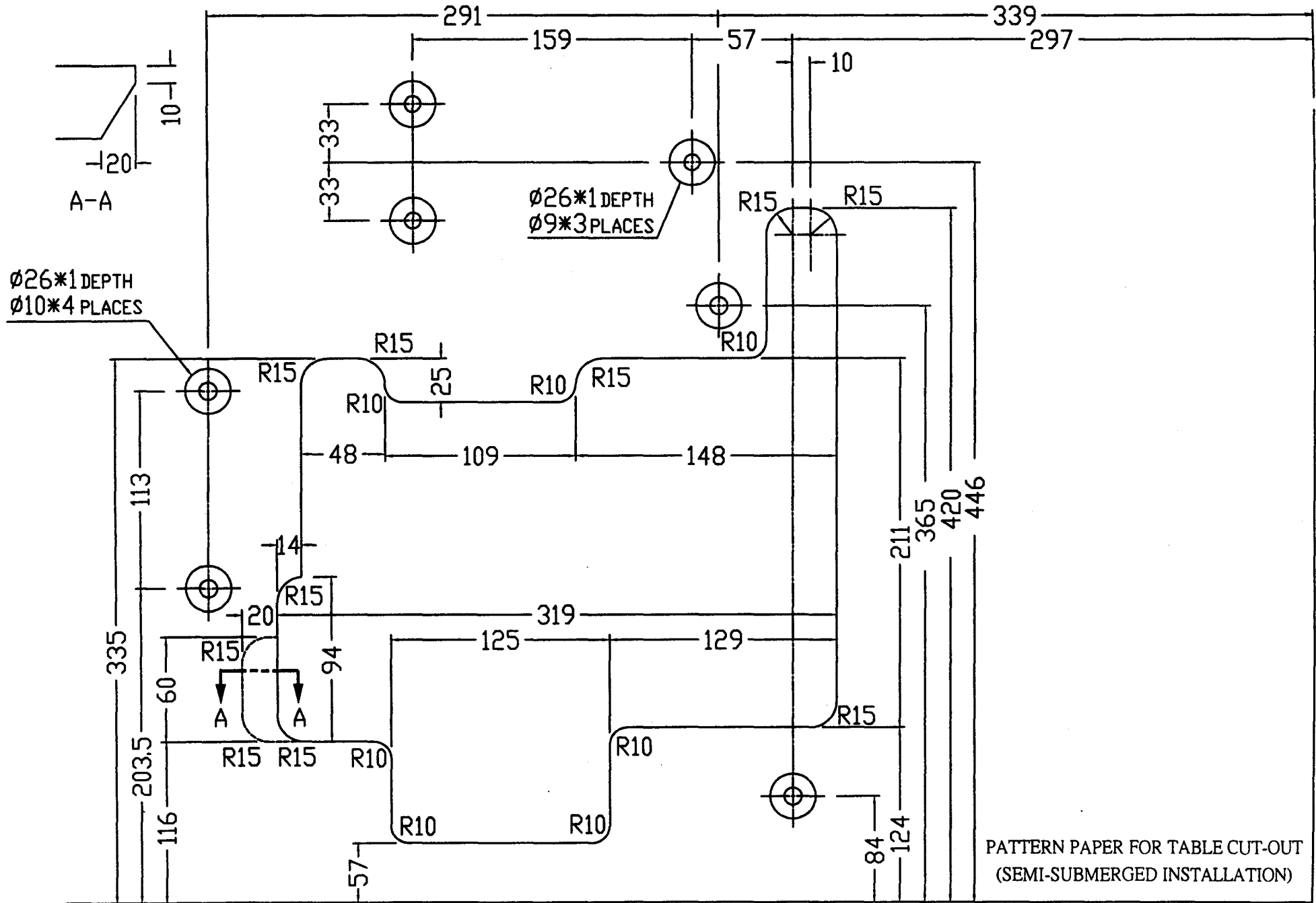
List of Main Spare Parts

Main Parts															
Models	Throat Plate	Presser foot asm	Presser foot hinge	Presser foot	Rear presser foot	Main feed dog	Differential feeddog	Auxiliary feeddog	Needle clamp	Upper looper	Lower looper	Chip guard cover	Needle guide	Needle guide	Needle guide
OV-614-400	TP634D03	PF634D03	PF634D03A	PF634D03B		FD60842	DF86108	AF60875	NC605048			BD0133 B700	NG605905	NG605910	NG816FC
OV-614-408	TP634D03	PF634D03	PF634D03A	PF634D03B		FD60842	DF86108	AF60875	NC605048			BD0133 B700	NG605905	NG605910	NG816FC
OV-616-330	TP605C32	PF605C32	PF605A32A	PF605C32B	PF605C32C	FD60828	DF85209	AF60874	NC605032	UL603880	LL603884	7050133 B700	NG605905	NG605906	NG605907
OV-616-550	TP605D53	PF605D53	PF605D53A	PF605D53B	PF605D53C	FD60840	DF86009	AF60874	NC605048	UL603880	LL603884	7050134 B700	NG605905	NG605906	NG605907
OV-616-350	TP605C53	PF605C32	PF605A32A	PF605C32B	PF605C32C	FD60840	DF86009	AF60874	NC605032	UL603880	LL603884	7050134 B700	NG605905	NG605906	NG605907
OV-616-339	TP605C33	PF645C53	PF605A32A	PF645C53B	PF605C32C	FD60841	DF85902	AF60874	NC605032	UL603880	LL603884	7050134 B700	NG605905	NG605906	NG605907
OV-616-359	TP605C53	PF645C53	PF605A32A	PF645C53B	PF605C32C	FD60841	DF85902	AF60874	NC605032	UL603880	LL603884	7050134 B700	NG605905	NG605906	NG605907
OV-616-559	TP645D53	PF645D53	PF605D53A	PF645D53B	PF605D53C	FD60841	DF85902	AF60874	NC605048	UL603880	LL603884	7050134 B700	NG605905	NG605906	NG816FC
OV-616-555	GTP605D63	GPF605D63	GPF605D63A	GPF605D63B	GPF605D63C	FD60283	DF28403	AF60876	GNC605048	GUL605150	LL603884	7050134 B700	NG605905	NG605906	NG605907
OV-616-330 B. D. 05	TP655C32	PF655C32	PF605A32A	PF655C32B	PF605C32C	FD60828	DF85209A	AF60874	NC605032	UL603880	LL603884	7050133 B700	NG605905	NG605906	NG605907
OV-616-359 P. D. 05	TP605C53	PF675C53	PF665C32A	PF665C32B		FD60841	DF85902	AF60874	NC605032	UL603880	LL603884	7050134 B700	NG605905	NG605906	NG605907



APP.2

(1) Dimensions for Semi Submerged Mounting



APP.3

