

0355361249



Kansai Special
Industrial Sewing Machine

PARTS LIST

DFS

DFS-603PD

ESCANIADO

Cavemac

EDIÇÃO

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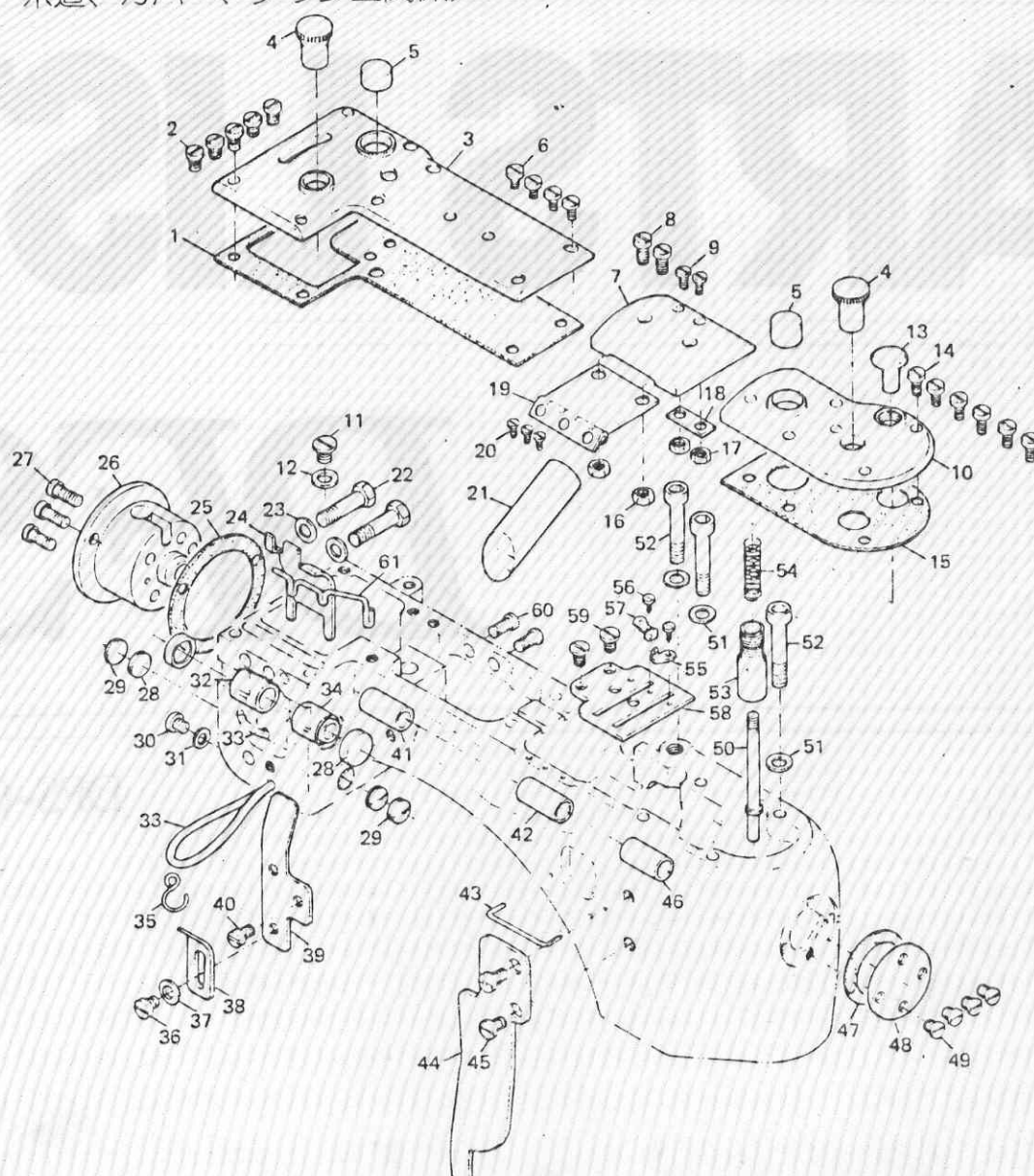
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ORIGINAL

1. Frame, cast-off plate, eyelets, covers and bushings

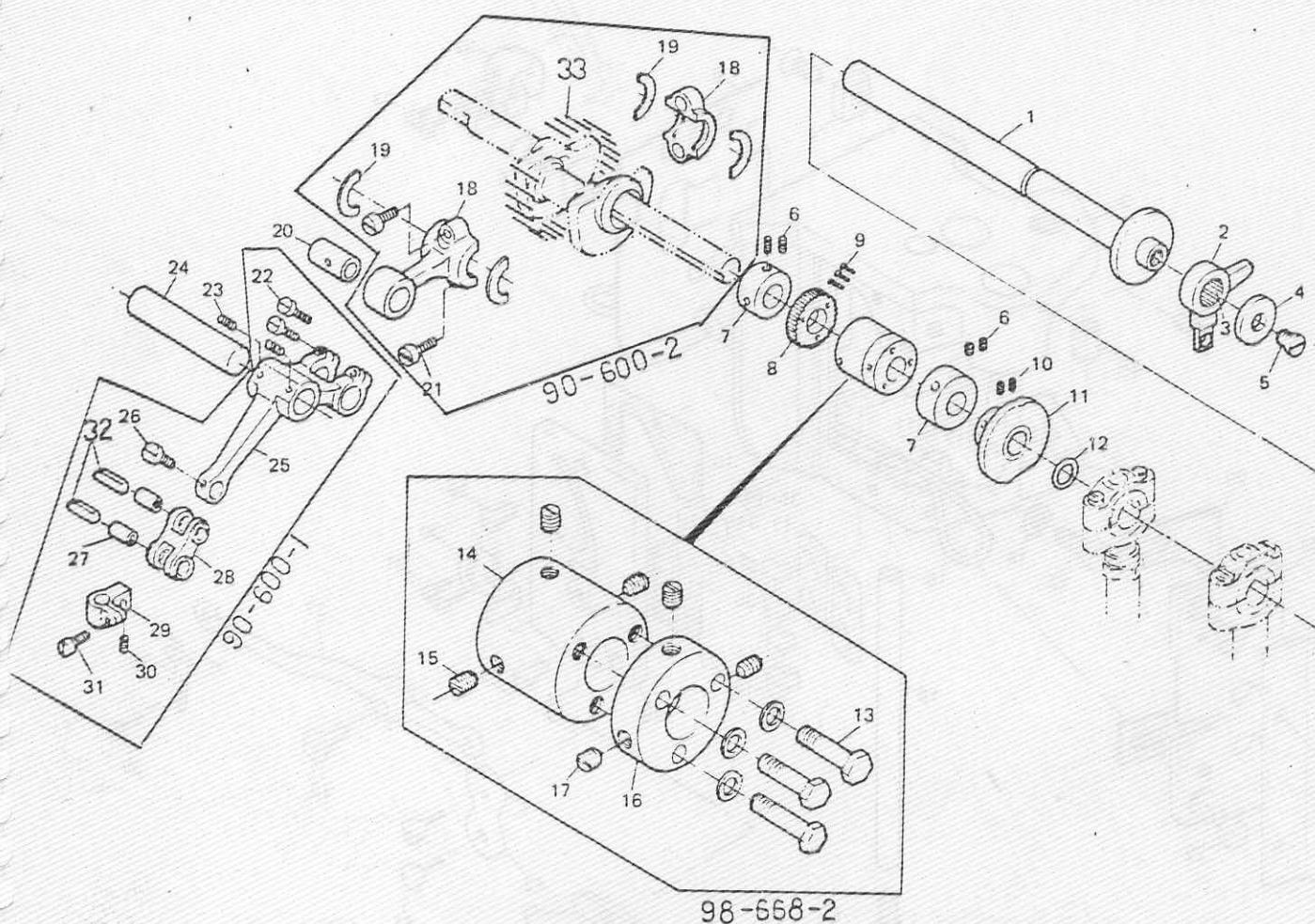
(捌キ、糸道、カバー、ブッシュ関係)



Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	98-605	Gasket	1	32	98-617	Needle lever shaft bushing, rear	1
2	84-572	Screw	5	33	98-801	Oil wick	1
3	98-606	Crank chamber cover	1	34	98-618	Needle lever shaft bushing, front	1
4	98-666A,B	Oil Cup	2	35	98-743	Oil wicking hook, upper	1
5	98-737	Oil Sight gauge	2	36	84-564	Screw	1
6	84-572	Screw	4	37	75-460	Washer	1
7	98-607	Top cover, middle	1	38	98-620	Needle thread eyelet	1
8	84-571	Screw	2	39	98-621	Needle thread eyelet	1
9	84-362	Screw	2	40	84-564	Screw	1
10	98-608	Top cover, front	1	41	98-622	Crank shaft bushing, front	1
11	84-574	Screw	1	42	98-623	Main shaft bushing, rear	1
12	75-467	Washer	1	43	98-624	Looper thread guide wire	1
13	98-609	Looper throw-out plunger knob	1	44	98-625	Looper thread shield	1
14	84-572	Screw	6	45	84-574	Screw	2
15	98-610	Gasket	1	46	98-626	Main shaft bushing, front	1
16	86-311	Nut	2	47	98-627	Gasket	1
17	86-211	Nut	2	48	98-628	Main frame end cover	1
18	98-611	Spring	1	49	84-161	Screw	3
19	98-612	Middle top cover hinge	1	50	98-629	Looper throw-out plunger	1
20	84-364	Screw	3	51	98-802	Washer	3
21	98-738	Oil gauge	1	52	98-803	Screw	3
22	98-803	Screw	2	53	98-630	Looper throw-out plunger bushing	1
23	98-802	Washer	2	54	98-631	Looper throw-out plunger spring	1
24	98-613	Oil shield	1	55	98-632	Cast-off plate eyelet, front	1
25	98-614	Gasket	1	56	84-161	Screw	2
26	98-615	Flange	1	57	98-633	Cast-off plate eyelet, rear	1
27	84-566	Screw	3	58	98-634	Cast-off plate	1
28	98-616	Bushing cup	2	59	84-574	Screw	2
29	98-800	Plug screw	4	60	84-566	Screw	2
30	87-756	Screw	1	61	98-847	Oil wick	1
31	23-195	O-ring	1				

2. Needle lever, crankshaft and main shaft parts

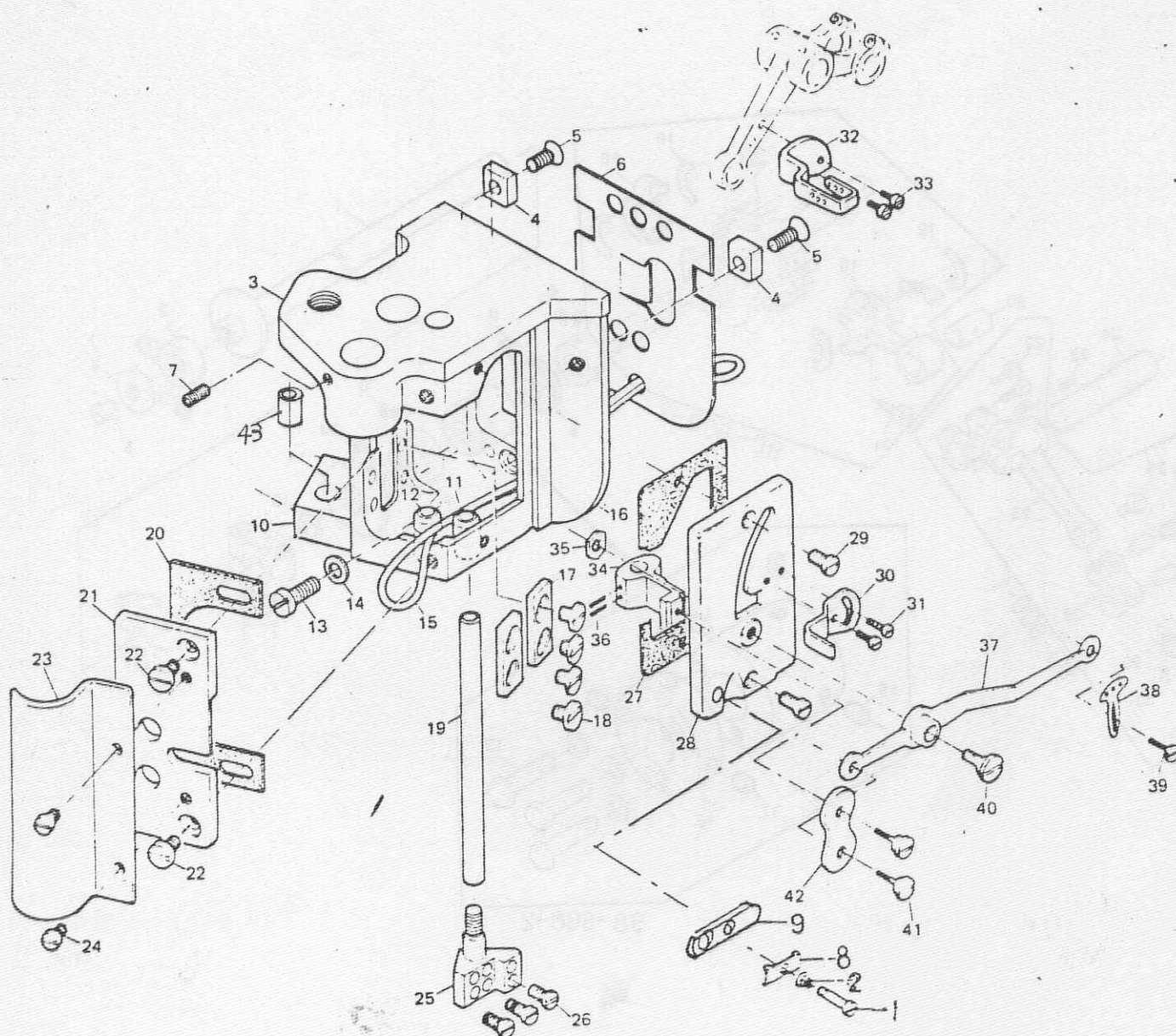
(弓、クランクシャフト、メインシャフト機構)



98-668-2

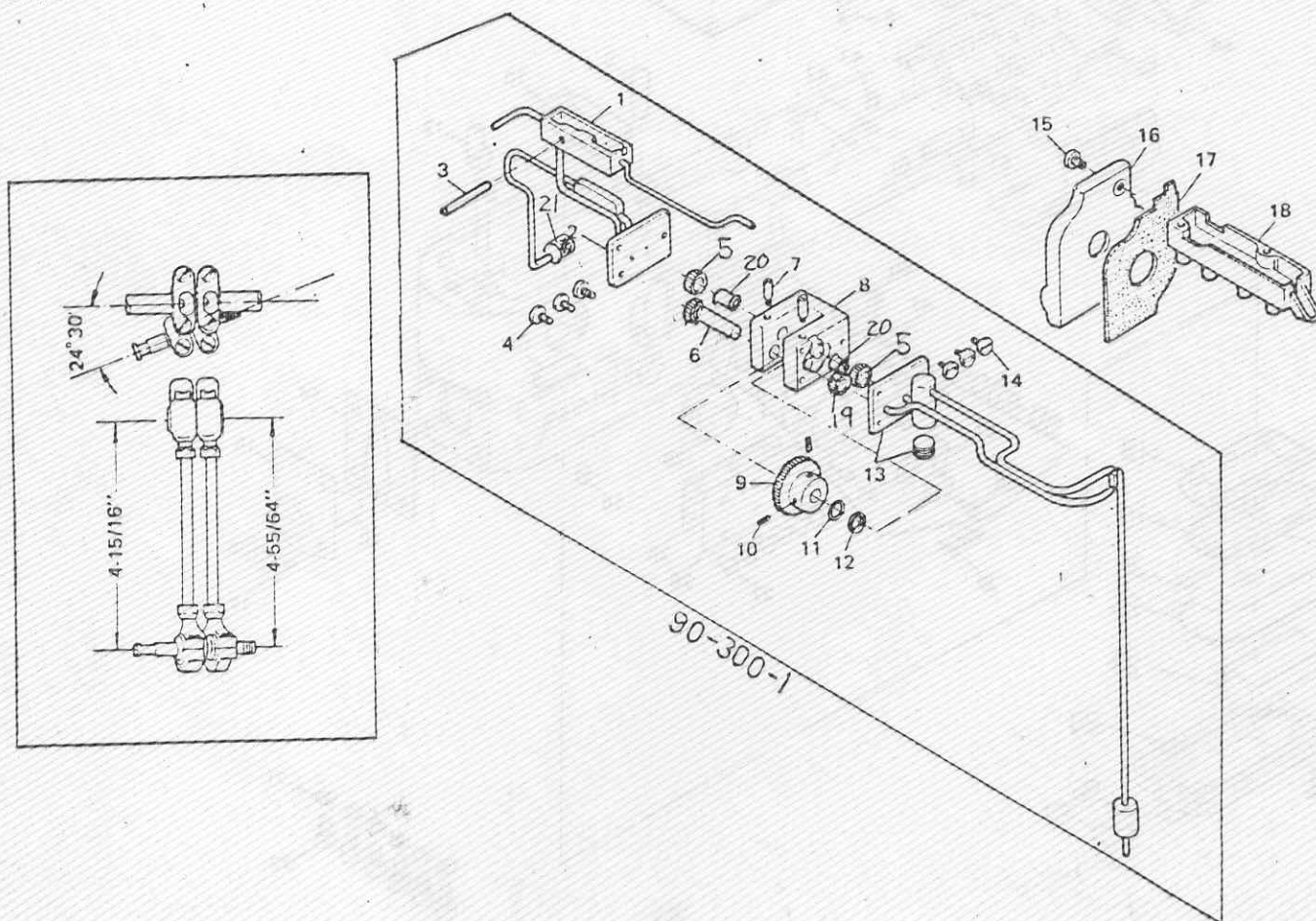
Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	98-539	Main shaft	1	17	84-718	Screw	3
2	98-541	Connection	1	18	98-546	Needle lever connecting rod	1
3	98-860	Bearing	1	19	98-815	Needle bearing retainer	4
4	98-540	Connection collar	1	20	98-547	Needle lever connecting rod pin	1
5	84-664	Screw	1	21	84-572	Screw	2
6	84-718	Screw	2	22	84-363	Screw	2
7	98-543	Crankshaft thrust collar	2	23	84-521	Screw	2
8	98-545	Oil pump driving gear	1	24	98-549	Needle lever shaft	1
9	98-861	Screw	3	25	98-548	Needle lever	1
10	84-711	Screw	2	26	84-364	Screw	1
11	98-542	Looper thread take up	1	27	71-432	Link pin	2
12	23-197	Oil seal ring	1	28	66-111	Needle lever Link	1
13	98-879	Screw	3	29	73-113	Needle bar connection	1
14	98-668	Main shaft coupling A	1	30	84-364	Screw	1
15	84-718	Screw	3	31	84-564	Screw	1
16	98-669	Main shaft coupling B	1	32	23-341	Screw	2
				33	98-816		23

3. Needle bar housing, needle bar, eyelet and covers (針棒ハウジング、針棒、糸道、カバー関係)



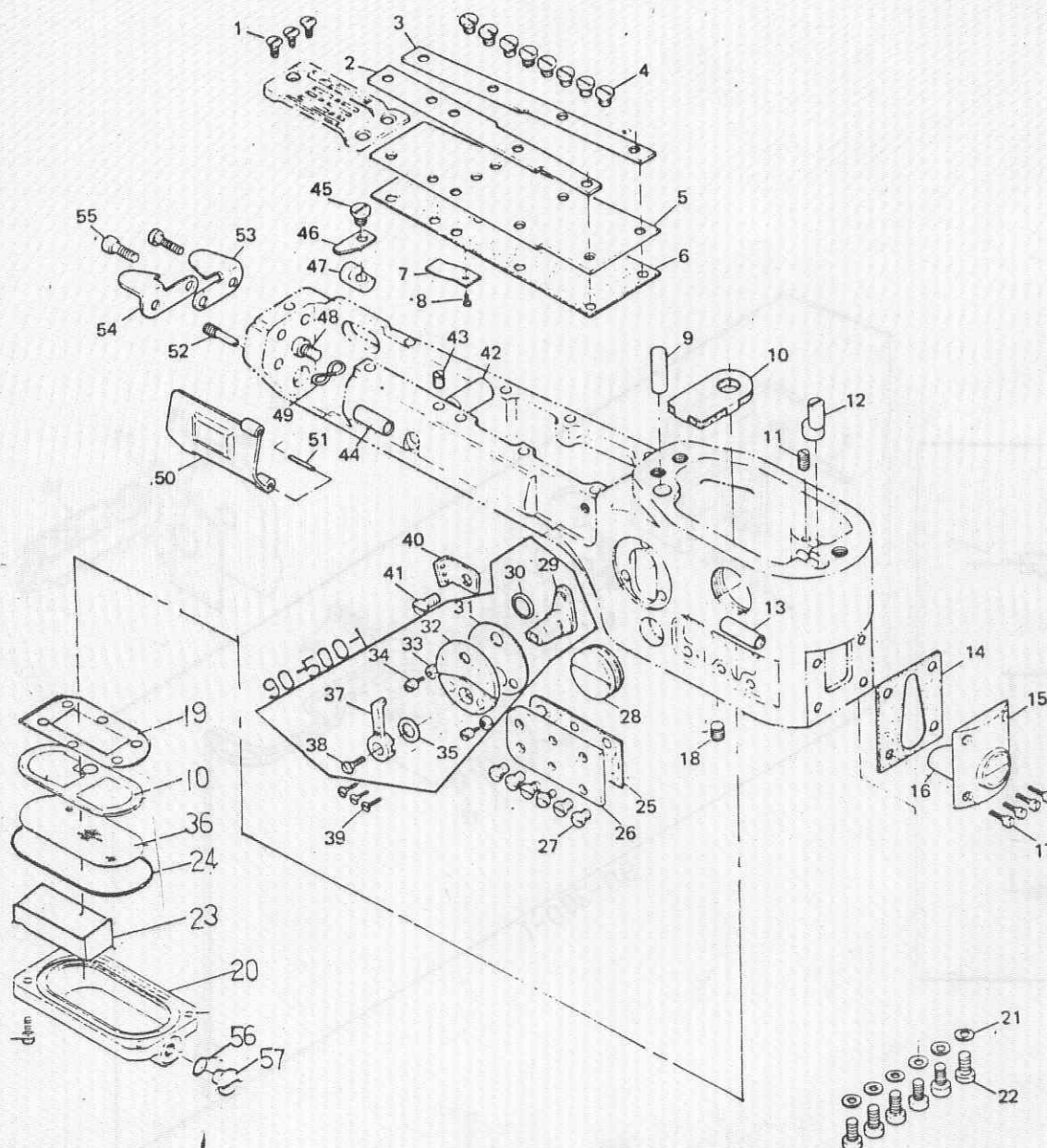
Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	84-170	Screw	3	22	84-574	Screw	2
2	41-721	Needle bar housing cover	2	23	98-521	Clutch cover	1
3	98-507	Key	1	24	84-364	Screw	2
4	98-511	Screw	2	25	12-673	Needle thread take-up	1
5	84-462	Baffle plate	2	26	84-314	Gasket	3
6	98-512	Screw	1	27	98-514	Head cover front	1
7	84-521	Roller presser bar guide	2	28	98-515	Screw	2
8	41-601	Needle bar bushing, lower	2	29	84-462	Needle thread adjust guide	1
9	41-602	Presser bar bushing, lower	1	30	98-516	Nut	1
10	98-842	Screw	1	31	84-161	Screw	2
11	98-509	Washer	1	32	98-513	Needle lever thread eyelet	1
12	98-735	Oil wick	1	33	84-162	Screw	2
13	98-812	Needle bar housing	1	34	98-877	Needle thread adjust lever	1
14	75-452	Presser bar guide plate	1	35	86-413	Thread eyelet	1
15	98-801	Screw	2	36	84-521	Screw	2
16	98-506	Needle bar	4	37	98-850	Needle thread adjust lever	1
17	98-517	Gasket	1	38	98-851	Thread eyelet	1
18	84-362	Head cover, left	1	39	84-162	Screw	1
19	98-523			40	98-852	Screw	1
20	98-519			41	98-878	Screw	2
21	98-520			42	98-853	Lever link	1
				43	98-518		1

4.Oil lubrication apparatus (給油関係)



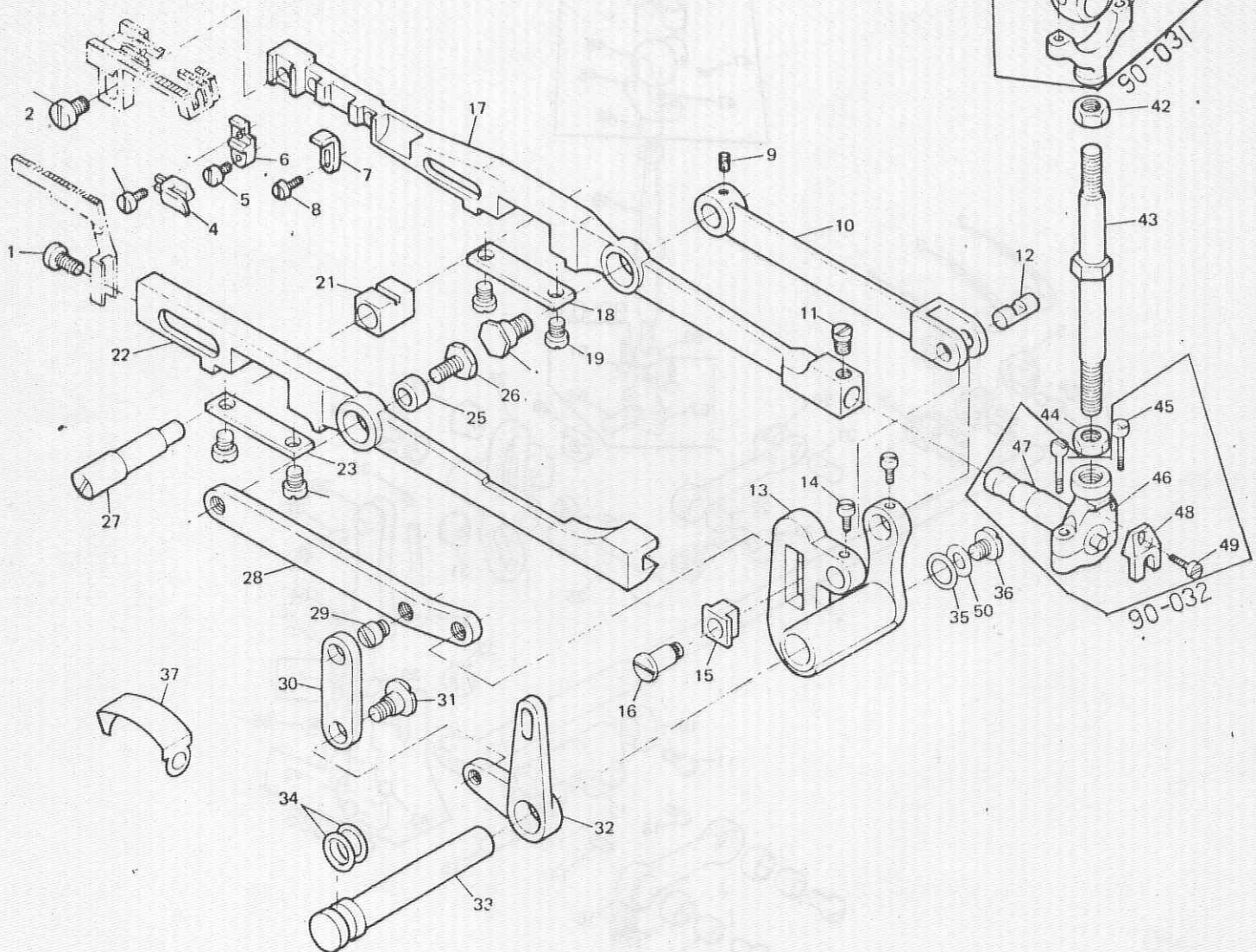
Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	98-531	Oil reservoir, back.	1	10	84-521	Screw.	2
2	98-529	Oil pump housing cover, rear	1	11	75-802	Washer	1
3	98-530	Oil reservoir outlet tube	1	12	75-433	Washer	1
4	84-363	Screw.	3	13	98-524	Oil pump housing cover, front.	1
5	98-525	Rotary pump gear.	2	14	84-363	Screw.	3
6	98-527	Driven gear shaft	1	15	84-361	Screw.	2
7	98-532	Vent screw, for oil pump.	2	16	98-535	Take-up shield.	1
8	98-534	Oil pump housing.	1	17	98-736	Gasket	1
9	98-526	Oil pump driven gear.	1	18	98-537	Oil reservoir, front	1
				19	98-533		1
				20	98-528		2
				21	98-538		1

5. Cylinder covers and bushings (カバー、ブッシュ関係)



Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	84-461	Screw	3	29	98-748	Adjusting lever	1
2	98-635	Folder gib, left	1	30	23-188	O-ring	1
3	98-636	Folder gib, right	1	31	98-746	Gasket	1
4	98-873	Screw	8	32	98-745	Adjusting plate	1
5	98-637	Cylinder cover	1	33	98-651	Nut	2
6	98-638	Gasket	1	34	98-650	Stop screw pin	2
7	98-665	Upper lint shield	1	35	23-164	Washer, fiber	1
8	85-611	Screw	1	36	98-754		
9	98-804	Dowel pin	1	37	98-749	Operating lever	1
10	98-752	Oil filter	1	38	84-462	Screw	1
11	84-547	Screw	1	39	84-462	Screw	3
12	98-641	Eccentric pin	1	40	98-655	Looper thread eyelet	1
13	98-642	Looper shaft bushing, front	1	41	84-575	Screw	1
14	98-643	Gasket	1	42	98-656	Bushing, for feed bar eccentric stud	1
15	98-644	Cylinder cover, front	1	43	84-521	Screw	1
16	98-734	Oil gauge	1	44	98-657	Looper shaft bushing, rear	1
17	84-380	Screw	4	45	84-366	Screw	1
18	84-521	Screw	1	46	98-664	Cylinder cover spring	1
19	98-756	Cylinder bottom gasket	1	47	98-661	Cylinder hinged cover spring, support stud	1
20	98-751	Cylinder bottom cover	1	48	84-374	Screw	1
21	98-859	Shield washer	6	49	98-806	Looper thread guide wire	1
22	84-566	Screw	6	50	98-659	Hinged cover	1
23	98-759	Oil seal washer	1	51	98-658	Pin	1
24	23-284	Oil drainage screw	1	52	98-660	Screw pin	1
25	98-646	Gasket	1	53	98-662	Chain cutter blade, lower	1
26	98-647	Cylinder side cover	1	54	98-663	Chain cutter blade, upper	1
27	84-462	Screw	6	55	84-376	Screw	2
28	87-812	Plug screw	1	56	23-383		1
				57	85-536		1

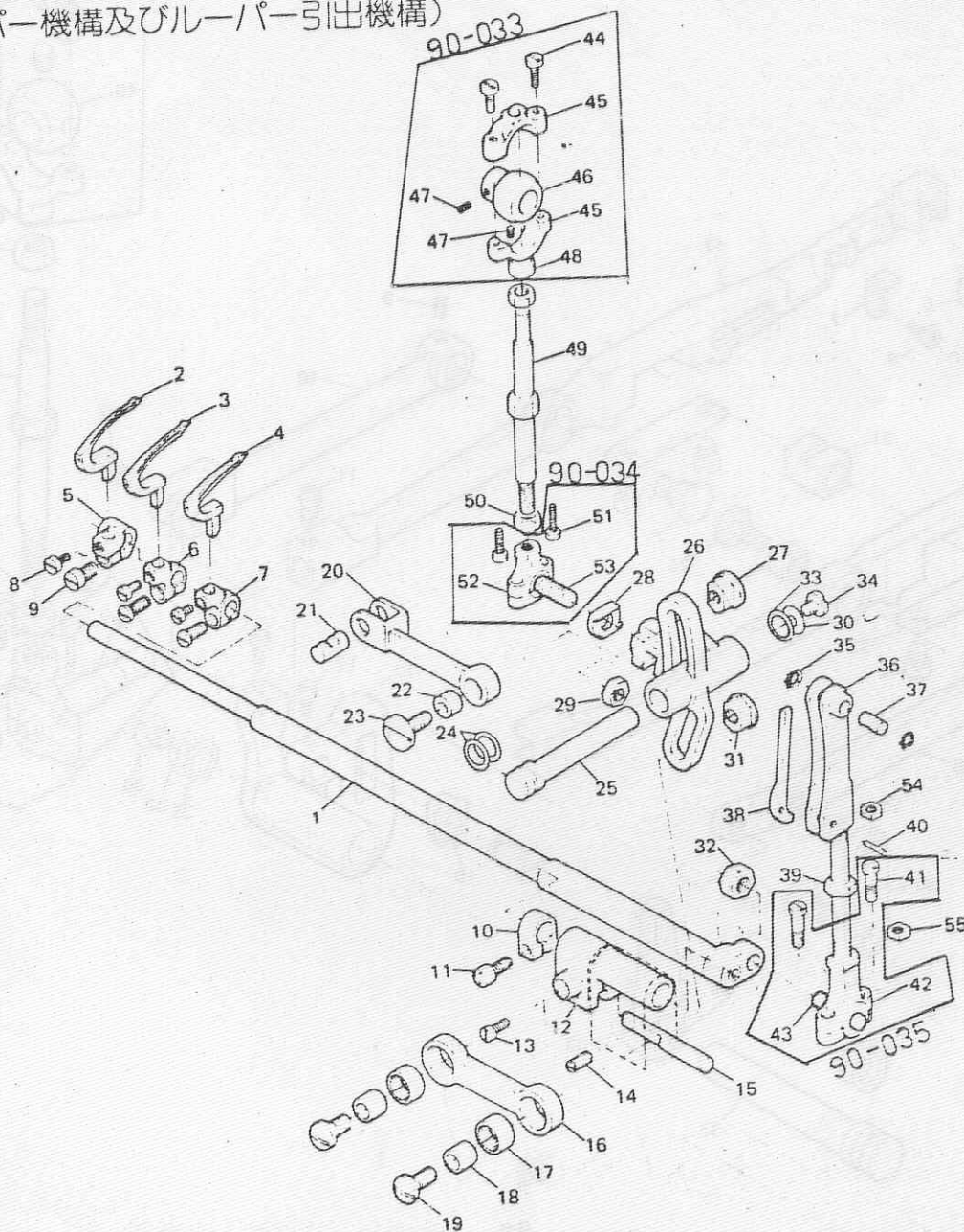
6. Differential feed bar, main feed bar and feed lift (送り機構)



Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	84-574	Screw	1	26	98-880	Differential feed bar driving link stud . . .	1
2	84-566	Screw	1	27	98-570	Feed bar eccentric stud	1
3	84-162	Screw	1	28	98-569	Differential feed bar driving link	1
4	98-553	Needle guard	1	29	98-744	Screw	1
5	84-172	Screw	1	30	98-741	Differential feed adjusting lever link . . .	1
6	98-554	Needle guard holder	1	31	98-740	Screw	1
7	98-579	Main feed dog support	1	32	98-747	Differential feed adjusting lever	1
8	84-166	Screw	1	33	98-566	Feed rocker shaft	1
9	84-314	Screw	1	34	98-857	O-ring	2
10	98-555	Main feed bar driving link	1	35	98-871	O-ring	1
11	84-718	Screw	1	36	84-574	Screw	1
12	98-556	Link pin	1	37	98-578	Lower lint shield	1
13	98-561	Feed rocker	1	38	84-568	Screw	2
14	84-161	Screw	2	39	98-843	Feed lift eccentric assembly	1
15	98-742	Differential feed, driving link	1	40	98-557	Eccentric ball joint	1
16	98-739	Differential feed bar driving link stud . .	1	41	84-521	Screw	2
17	98-576	Main feed bar	1	42	86-412	Nut	1
18	98-572	Feed bar plate	1	43	98-558	Connecting rod	1
19	84-564	Screw	2	44	86-411	Nut	1
20	98-575	Main feed bar, eccentric driving stud . .	1	45	84-572	Screw	2
21	98-750	Feed bar slide block	1	46	63-822	Eccentric assembly	1
22	98-571	Differential feed bar	1	47	98-559	Ball joint	1
23	98-572	Feed bar plate	1	48	69-122	Ball fork	1
24	84-564	Screw	2	49	84-362	Screw	1
25	98-573	Bushing	1	50	98-883	Washer	1

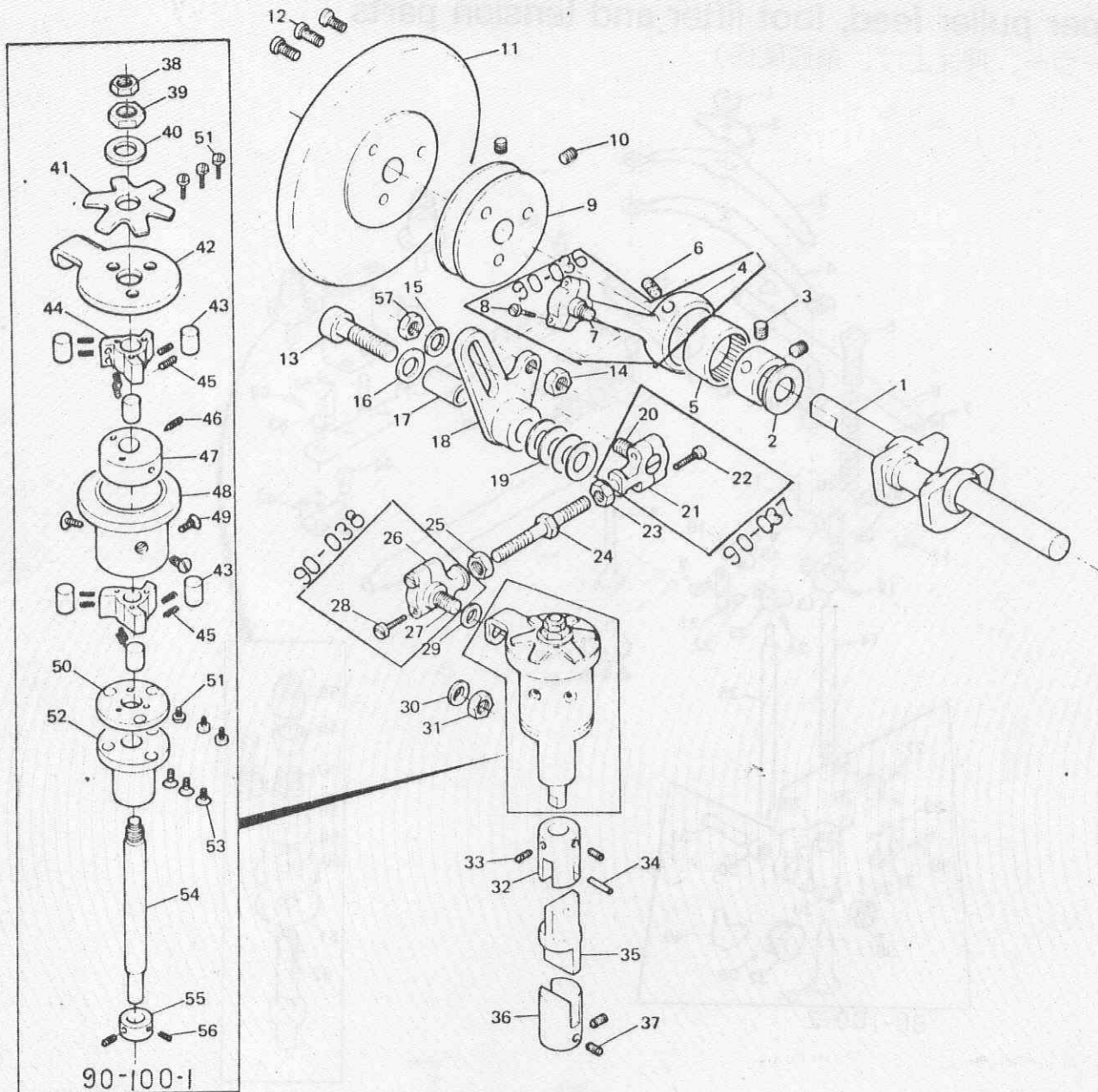
7. Loopers, feed drive assembly and looper avoid assembly

(ルーパー機構及びルーパー引出機構)



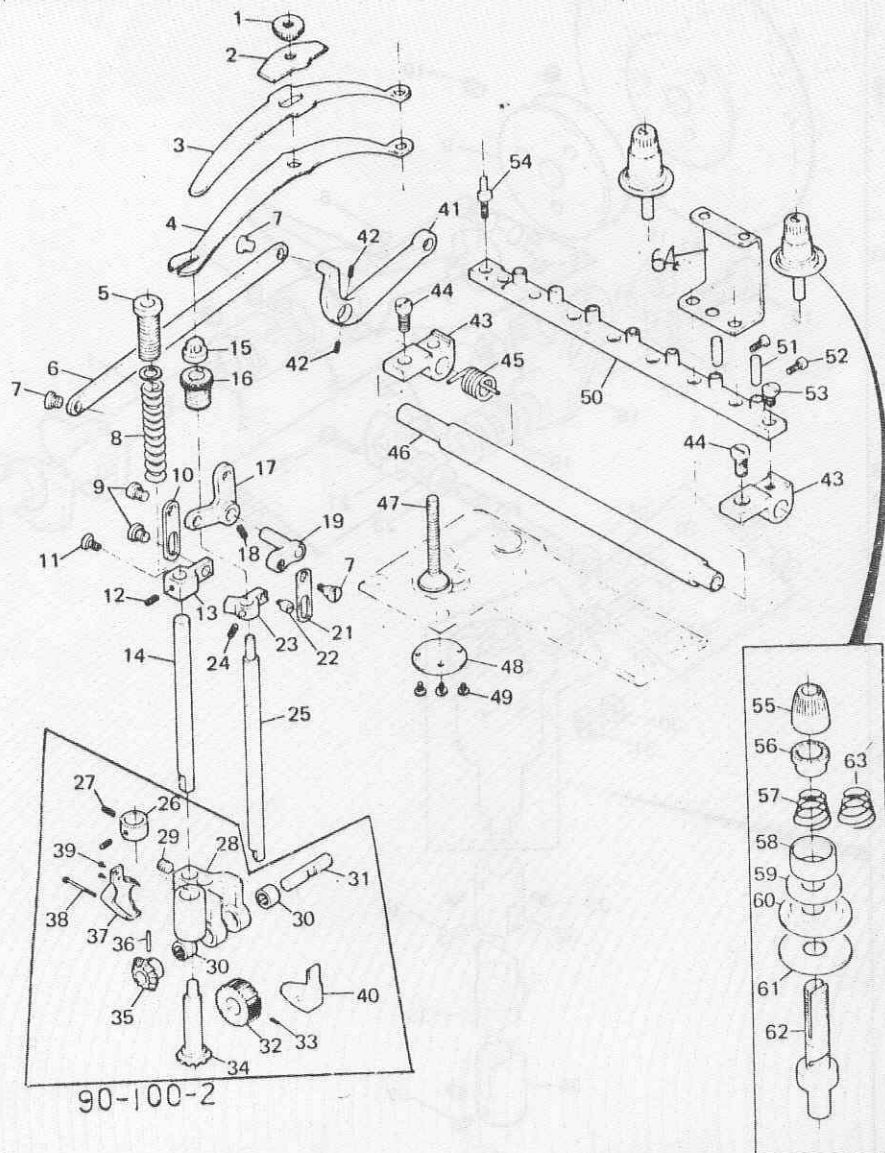
Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	98-586	Looper rocker shaft	1	28	51-201	Nut	1
2	98-583	Looper, for middle needle	1	29	86-501	Washer	1
3	98-584	Looper, for right needle	1	30	98-883	Nut	1
4	98-585	Looper, for left needle	1	31	98-597	Nut	1
5	98-582	Looper holder, for middle needle looper	1	32	98-876	Nut	1
6	98-581	Looper holder, for right needle looper	1	33	98-571	O-ring	1
7	98-580	Looper holder, for left needle looper	1	34	84-574	Screw	1
8	84-364	Screw	3	35	93-201	Retaining ring	2
9	84-362	Screw	3	36	65-902	Looper driving connecting link	1
10	98-603	Looper shaft collar	1	37	71-322	Shaft	1
11	84-591	Screw	1	38	79-601	Plate spring	1
12	98-604	Looper shaft sleeve	1	39	98-598	Connecting rod	1
13	84-363	Screw	1	40	71-201	Pin	1
14	84-713	Screw	1	41	84-572	Screw	2
15	98-599	Stud, for looper shaft sleeve	1	42	63-812	Looper driving connecting ball joint	1
16	98-600	Connecting rod bearing shell	1	43	98-875	Looper driving connecting rod	1
17	98-821	Needle bearing	2	44	84-568	Screw	2
18	98-601	Ferrule	2	45	98-843	Feed drive eccentric assembly	1
19	98-864	Screw	2	46	98-594	Eccentric connecting rod	1
20	98-589	Feed rocker driving link	1	47	84-521	Screw	2
21	98-556	Link pin	1	48	86-412	Nut	1
22	98-573	Bushing, for feed rocker driving link	1	49	98-558	Connecting rod	1
23	98-881	Screw	1	50	86-411	Nut	1
24	98-857	O-ring	2	51	84-572	Screw	2
25	98-566	Feed drive shaft	1	52	63-816	Connecting ball joint	1
26	98-590	Feed rocker	1	53	61-831	Connecting rod	1
27	98-819	Nut	1	54	86-411	Nut	1
				55	86-412	Nut	1

8. Pulley, crankshaft and clutch (プーリー及びプーラー機構)



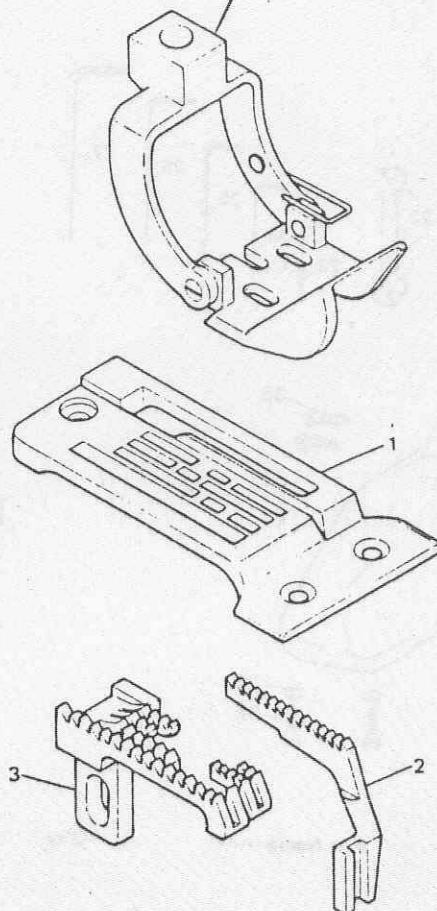
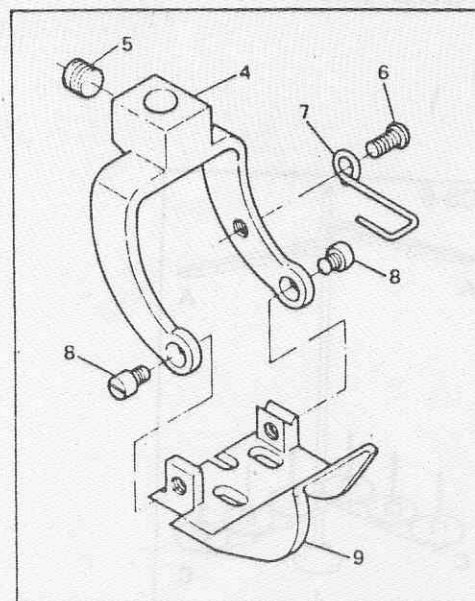
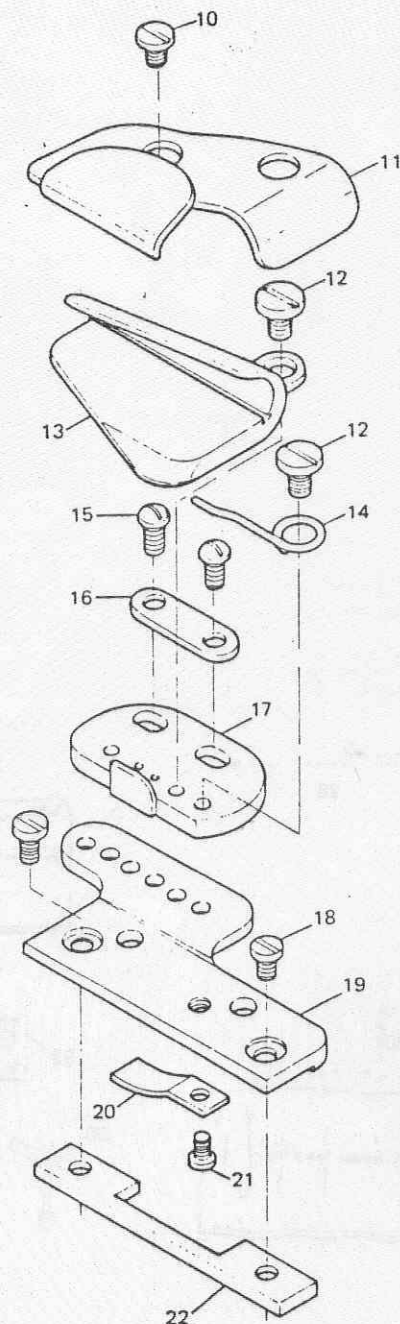
Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	98-710	Crankshaft	1	30	75-446	Washer	1
2	98-7 1	Eccentric	1	31	86-411	Nut	1
3	84-718	Screw	2	32	98-724	Feed roller connection, upper	1
4	98-713	Connecting rod	1	33	84-521	Screw	2
5	98-712	Needle bearing	1	34	98-725	Roll pin	1
6	98-826	Oil wick	1	35	98-723	Feed roller drive floating connection	1
7	61-823	Connecting rod	1	36	98-722	Feed roller connection, lower	1
8	84-564	Screw	2	37	84-521	Screw	2
9	98-714	Pulley	1	38	86-413	Nut	1
10	85-114	Screw	2	39	86-761	Nut	1
11	98-827	Handwheel	1	40	75-356	Washer	1
12	84-765	Screw	3	41	79-551	Brake spring	1
13	98-854	Screw	1	42	98-718	Clutch drive lever	1
14	86-411	Nut	1	43	71-466	Clutch roller	6
15	75-446	Washer	1	44	02-101	Clutch disc	2
16	75-356	Washer	1	45	79-191	Clutch roller spring	12
17	98-716	Lever bushing	1	46	84-719	Screw	1
18	98-717	Clutch driving lever	1	47	02-261	Barrel core	1
19	75-356	Washer	4	48	01-808	Drive lever brake	1
20	61-821	Connecting rod	1	49	84-463	Screw	3
21	63-816	Connecting ball joint	1	50	98-719	Locking spacer plate	1
22	84-564	Screw	2	51	84-162	Screw	6
23	86-411	Nut	1	52	98-720	Lower bearing	1
24	65-433	Connecting rod	1	53	84-463	Screw	3
25	86-412	Nut	1	54	98-721	Feed drive shaft	1
26	63-812	Connecting ball joint	1	55	98-829	Collar	1
27	61-823	Connecting rod	1	56	84-311	Screw	2
28	84-564	Screw	2	57	86-501	Nut	1
29	75-446	Washer	1	58	01-804	Howling	1

9. Upper puller feed, foot lifter and tension parts (プーラー、押え上げ、糸道関係)



Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1	98-729	Presser spring regulating nut	1	33	84-521	Screw	1
2	98-672	Presser spring plate	1	34	98-686	Drive miter gear	1
3	98-673	Presser spring, upper	1	35	98-685	Driven miter gear	1
4	98-674	Presser spring, lower	1	36	84-314	Screw	2
5	85-762	Puller presser spring regulator	1	37	98-683	Gear cover, front	1
6	98-676	Lifter lever link	1	38	98-682	Screw	1
7	98-677	Screw	3	39	84-115	Screw	2
8	98-678	Puller presser spring	1	40	98-687	Gear cover, rear	1
9	84-581	Screw	2	41	98-702	Lifter lever	1
10	98-822	Lifter lever crank lift	1	42	84-761	Screw	2
11	84-571	Screw	1	43	98-732	Tension plate bracket	2
12	84-511	Screw	1	44	84-564	Screw	2
13	98-680	Presser bar connection	1	45	98-706	Tension release shaft spring	1
14	98-681	Puller presser bar	1	46	98-704	Tension release shaft	1
15	98-701	Presser spring rest	1	47	98-699	Presser spring regulating screw	1
16	98-700	Presser bar screw	1	48	98-731	Cover plate	1
17	98-697	Lifter lever crank	1	49	84-361	Screw	3
18	84-712	Screw	1	50	98-705	Tension support	1
19	98-707	Presser bar lifter lever	1	51	98-825	Tension disc release pin	7
20				52	84-362	Screw	6
21	98-708	Lifter lever connecting link	1	53	84-574	Screw	1
22	84-561	Screw	1	54	98-703	Presser spring rest	1
23	98-695	Presser bar lifter and guide	1	55	41-101	Tension disc cover (small)	6
24	84-521	Screw	1	56	41-105	Tension disc ratchet	6
25	98-694	Presser	1	57	41-701	Needle thread tension spring	3
26	98-693	Drive gear collar	2	58	41-107	Tension disc cover (large)	6
27	84-511	Screw	1	59	23-324	Felt	6
28	98-691	Feed puller frame	1	60	98-823	Tension disc (large)	6
29	84-761	Screw	2	61	41-111	Tension disc (small)	6
30	98-692	Needle bearing	1	62	98-824	Tension post	6
31	98-690	Feed puller shaft	1	63	41-702	Looper thread tension spring	3
32	98-688	Feed puller	1	64	98-730		3

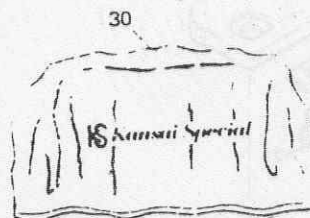
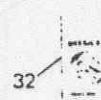
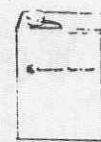
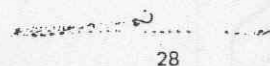
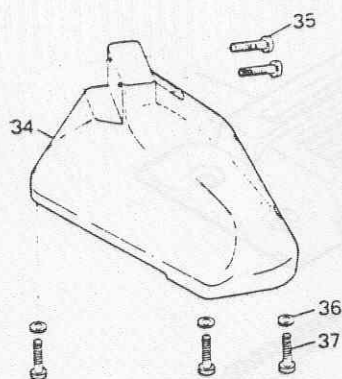
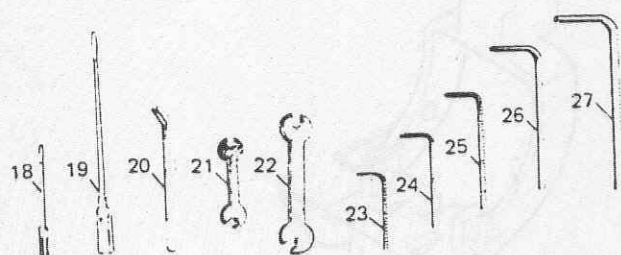
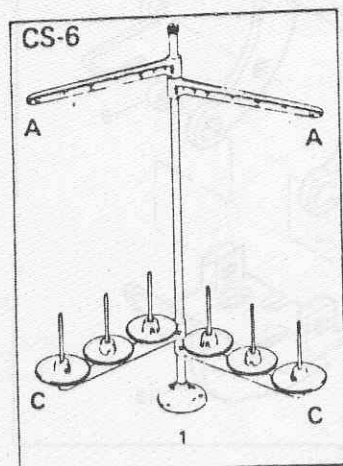
10. Gauge parts and attachments (ゲージ及びアタッチメント関係)



Ref. No.	Parts No.	Part Name	Q'ty
1	14-672	Needle plate (9 gauge)	1
2	15-662	Differential feed dog	1
3	15-663	Main feed dog	1
4	17-672	Presser foot shank	1
5	84-726	Screw	1
6	84-161	Screw	1
7	98-830	Spring	1
8	17-672-C	Screw	2
9	17-672	Presser foot bottom	1
10	84-161	Screw	1
11	98-839	Upper scroll	1

Ref. No.	Parts No.	Part Name	Q'ty
12	98-837	Screw	2
13	98-838	Lower scroll	1
14	98-836	Lower scroll spring	1
15	84-361	Screw	2
16	98-831	Clamp plate	1
17	98-832	Lower scroll support	1
18	84-191	Screw	2
19	98-833	Folder support slide, right	1
20	98-834	Folder support spring	1
21	84-163	Screw	1
22	98-835	Folder support slide, left	1

11.Thread stand and accessories (糸立て、アクセサリ)



Ref. No.	Parts No.	Part Name	Q'ty	Ref. No.	Parts No.	Part Name	Q'ty
1				20	28-011	Tweezers	1
2				21	28-421	Spanner (small)	1
3				22	28-422	Spanner (large)	1
4				23	28-311	Wrench A	1
5				24	28-312	Wrench B	1
6				25	28-313	Wrench C	1
7				26	28-314	Wrench D	1
8				27	28-315	Wrench 6	1
9				28	28-920	Chain	1
10				29	28-611	Oil (Esso Telesso 33)	1
11				30	28-021	Machine cover	1
12				31			
13				32	13-	Needle UY 128 GLS	1
14				33	28-464	Wrench T type	1
15				34	98-508	Mount base	1
16				35	98-854	Screw	2
17				36	75-362	Washer	3
18	28-451	Screw driver (small)	1	37	98-870	Screw	3
19	28-452	Screw driver (large)	1				

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02-101	2	8	-460	1	1	-521	2	8	-412	1	6
-261	1	8	-467	1	1	-521	2	8	-412	1	7
13-		11	-802	1	4	-521	1	9	-412	1	7
23-164	1	5	79-191	12	8	-521	1	9	-412	1	8
-188	1	5	-551	1	8	-561	1	9	-413	1	3
-195	1	1	-601	1	7	-564	6	1	-413	1	8
-197	1	2	84-112	3	3	-564	1	1	-501	1	7
-324	6	9	-115	2	9	-564	1	1	-501	1	8
28-001	1	11	-161	3	1	-564	1	2	-761	1	8
-011	1	11	-161	2	1	-564	2	6	87-757	1	1
-021	1	11	-161	1	2	-564	2	6	-812	1	5
-311	1	11	-161	2	3	-564	2	8	93-201	2	7
-312	1	11	-161	2	6	-564	2	8	98-506	1	3
-313	1	11	-161	1	10	-564	2	8	-508	1	11
-314	1	11	-161	1	10	-564	2	9	-509	1	3
-315	1	11	-162	2	3	-566	3	1	-511	2	3
-421	1	11	-162	1	3	-566	2	1	-512	1	3
-422	1	11	-162	1	6	-566	1	5	-513	1	3
-451	1	11	-162	6	8	-566	6	5	-514	1	3
-452	1	11	-163	1	10	-566	1	6	-515	1	3
-464	1	11	-166	1	6	-568	2	6	-516	1	3
-611	1	11	-172	1	6	-568	2	7	-517	2	3
-920	1	11	-191	2	10	-571	2	1	-519	1	3
41-101	6	9	-311	2	8	-571	1	9	-520	1	3
-105	6	9	-314	1	2	-572	5	1	-521	1	3
-107	6	9	-314	2	4	-572	4	1	-523	1	3
-111	6	9	-314	1	6	-572	2	2	-524	1	4
-701	3	9	-314	2	9	-572	2	6	-525	4	4
-702	3	9	-361	2	4	-572	2	7	-526	1	4
42-006	1 set	11	-361	3	9	-572	2	7	-527	1	4
-113	1	11	-361	2	10	-574	1	1	-529	1	4
-115	2	11	-362	2	1	-574	2	1	-530	1	4
-116	1	11	-362	4	3	-574	2	1	-531	1	4
-116	1	11	-362	1	6	-574	2	3	-532	2	4
-119	6	11	-362	3	7	-574	1	6	-534	1	4
-120	1	11	-362	6	9	-574	1	6	-535	1	4
-122	3	11	-363	2	2	-574	1	7	-537	1	4
-123	6	11	-363	3	4	-574	1	9	-539	1	2
61-821	1	8	-363	3	4	-575	1	5	-540	1	2
-823	1	8	-363	1	7	-581	2	9	-541	1	2
-823	1	8	-364	3	1	-591	1	7	-542	1	2
-831	1	7	-364	2	3	-664	1	2	-543	2	2
63-812	1	7	-364	3	7	-712	1	9	-545	1	2
-812	1	8	-366	1	5	-713	1	7	-546	1	2
-816	1	7	-374	1	5	-718	3	2	-547	1	2
-816	1	8	-376	2	5	-718	3	2	-548	1	2
-822	1	6	-380	4	5	-718	1	6	-549	1	2
65-433	1	8	-461	3	5	-718	2	8	-553	1	6
-902	1	7	-462	2	3	-719	1	8	-554	1	6
66-111	1	2	-462	2	3	-726	1	10	-555	1	6
69-122	1	6	-462	6	5	-761	1	9	-556	1	6
71-201	1	7	-462	1	5	-761	2	9	-556	1	7
-322	1	7	-462	3	5	-765	3	8	-557	1	6
-432	2	2	-463	3	8	85-114	2	8	-558	1	6
-466	6	8	-463	3	8	-521	1	5	-558	1	7
73-113	1	2	-511	1	9	-611	1	5	-559	1	6
75-356	1	8	-511	2	9	-762	1	9	-561	1	6
-356	4	8	-521	2	2	86-211	2	1	-566	1	6
-356	1	8	-521	2	2	-311	2	1	-566	1	7
-362	3	11	-521	2	2	-411	1	6	-569	1	6
-433	1	4	-521	2	3	-411	1	7	-570	1	6
-446	1	8	-521	2	3	-411	1	7	-571	1	6
-446	1	8	-521	1	5	-411	1	8	-571	1	7
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-573	1	7	-655	1	5	-737	2	1	-860	1	2
-575	1	6	-656	1	5	-738	1	1	-861	3	2
-576	1	6	-657	1	5	-739	1	6	-864	2	7
-578	1	6	-658	1	5	-740	1	6	-869	1	5
-579	1	6	-659	1	5	-741	1	6	-870	3	11
-580	1	7	-660	1	5	-742	1	6	-871	1	6
-581	1	7	-661	1	5	-743	1	1	-872	3	2
-582	1	7	-662	1	5	-744	1	6	-873	8	5
-583	1	7	-663	1	5	-745	1	5	-875	1	7
-584	1	7	-664	1	5	-746	1	5	-876	1	7
-585	1	7	-665	1	5	-747	1	6	-877	1	3
-586	1	7	-666 A,B	2	1	-748	1	5	-878	2	3
-589	1	7	-668	1	2	-749	1	5	-880	1	6
-590	1	7	-669	1	2	-750	1	6	-881	1	7
-594	1	7	-672	1	9	-771	1	8	-882	1	7
-597	1	7	-673	1	9	-800	4	1	-883	1	6
-598	1	7	-674	1	9	-801	1	1	-883	1	7
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-639	1	5	-722	1	8	-847	1	1			
-641	1	5	-723	1	8	-850	1	3			
-642	1	5	-724	1	8	-851	1	3			
-643	1	5	-725	1	8	-852	1	3			
-644	1	5	-729	1	9	-853	1	3			
-645	1	5	-731	1	9	-854	1	8			
-646	1	5	-732	2	9	-854	2	11			
-647	1	5	-734	1	5	-857	2	6			

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