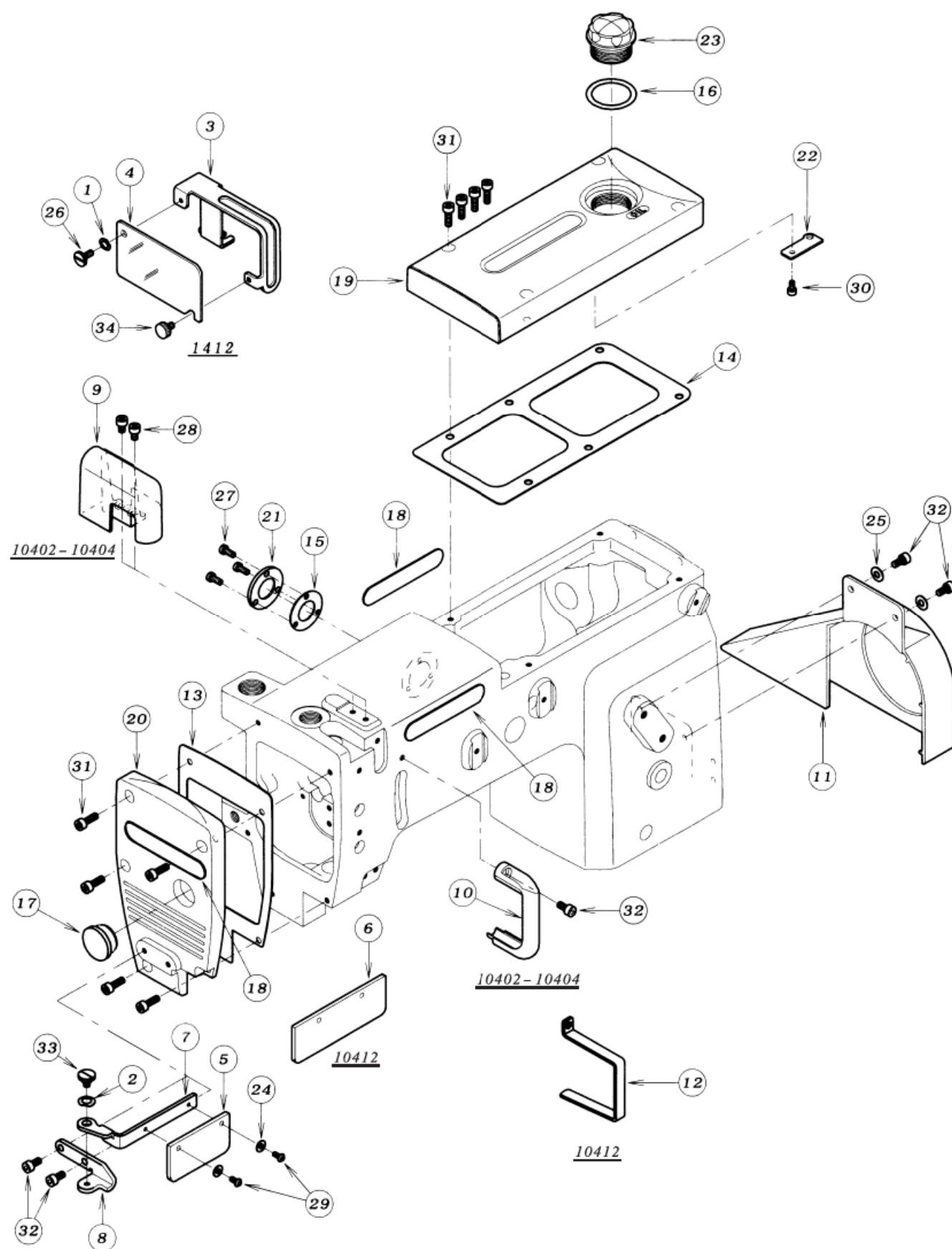


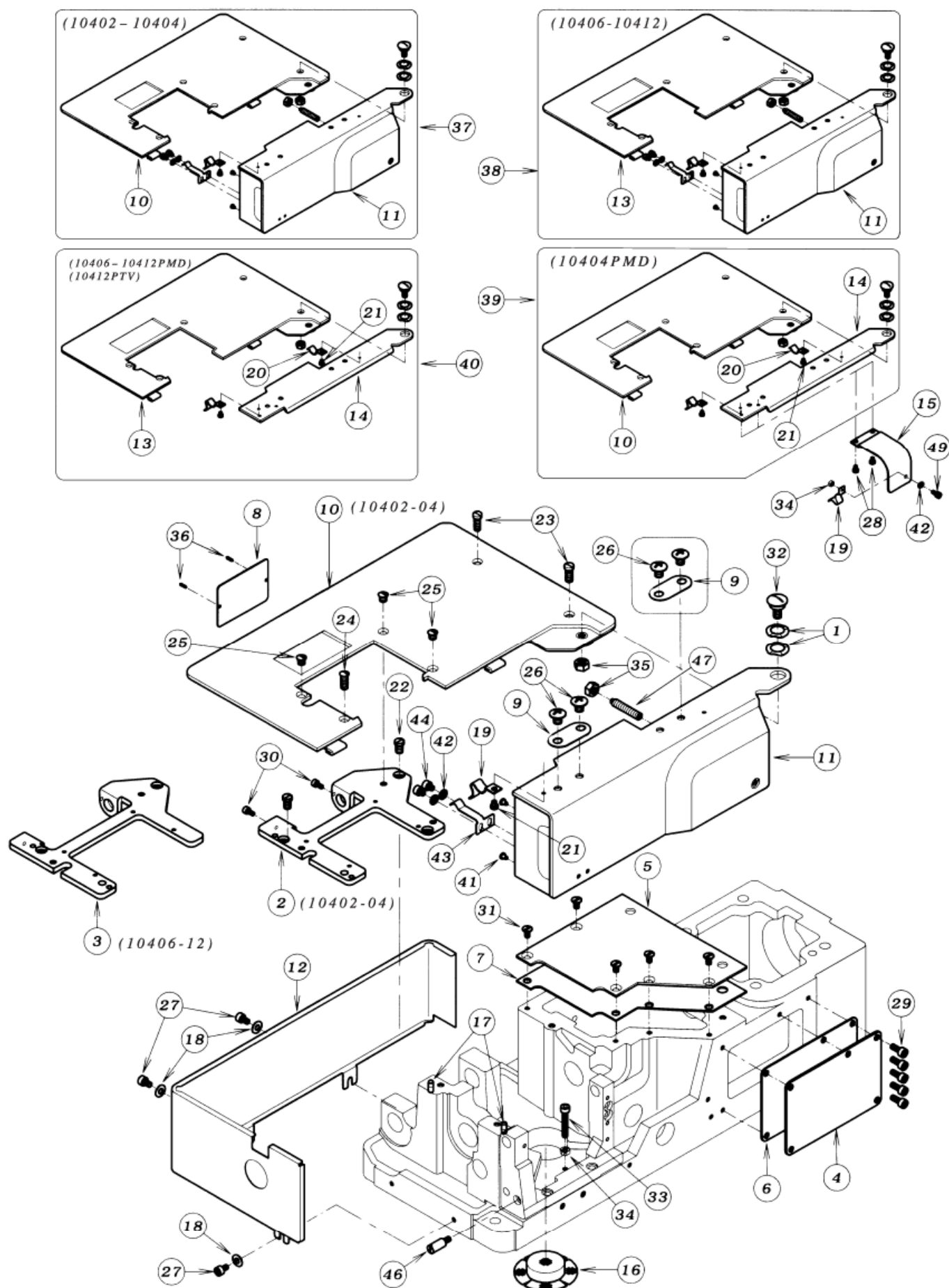
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1. FRAME ASSEMBLY(1)

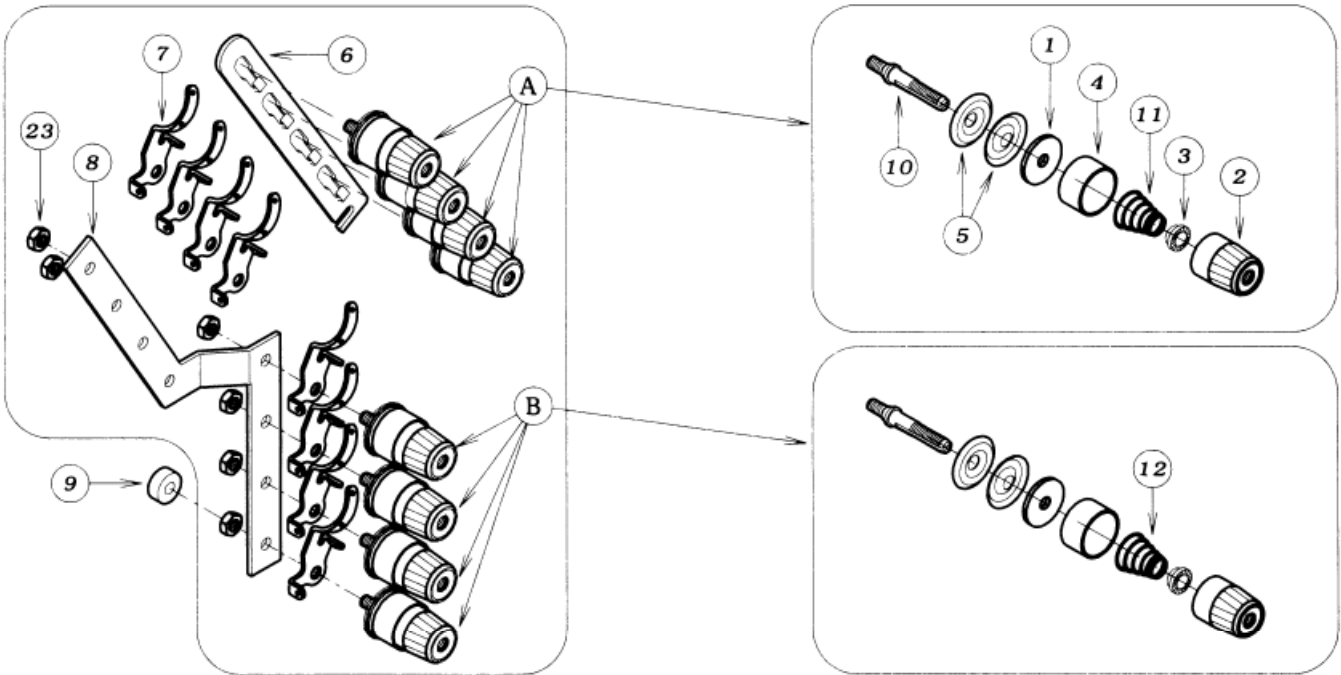
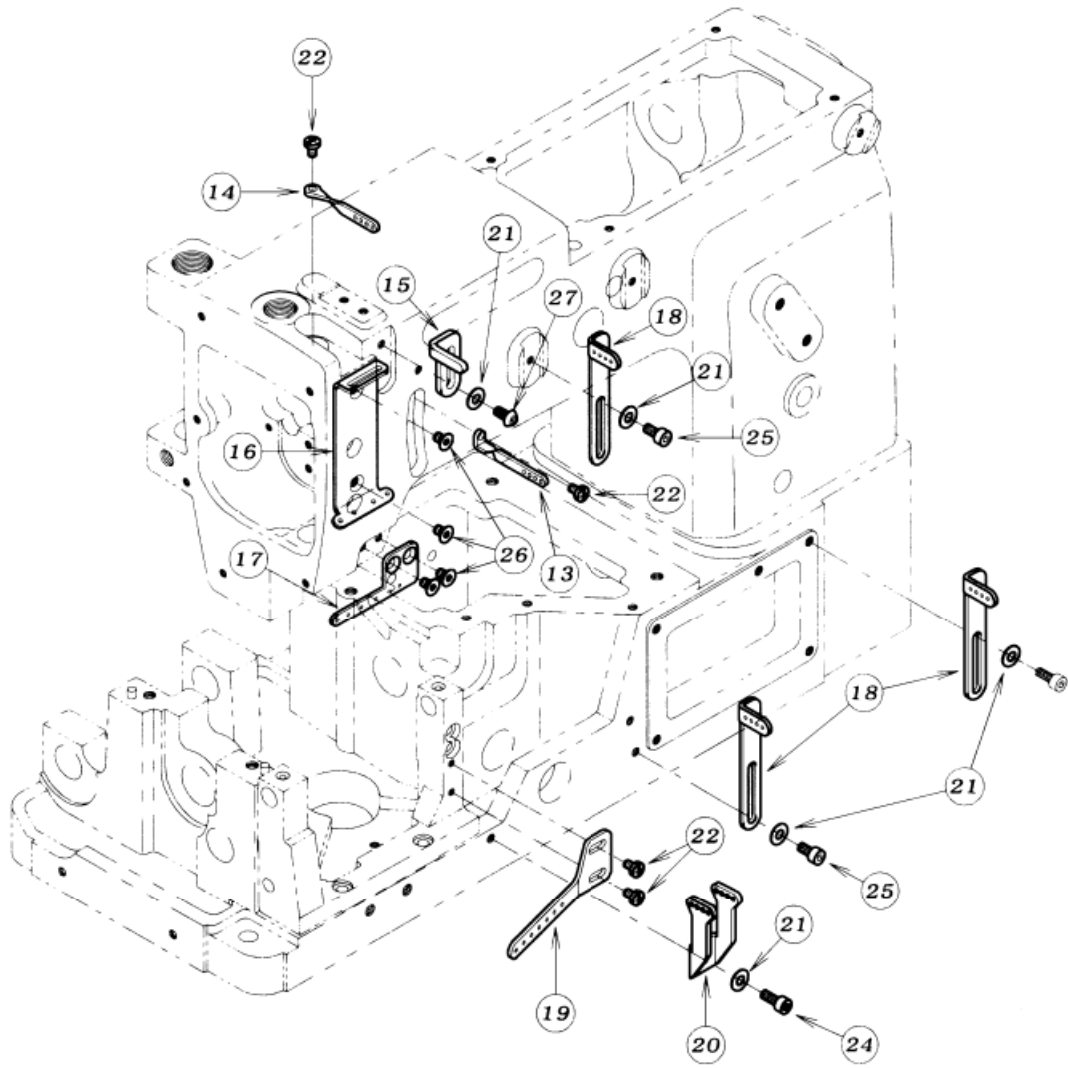


2. FRAME ASSEMBLY



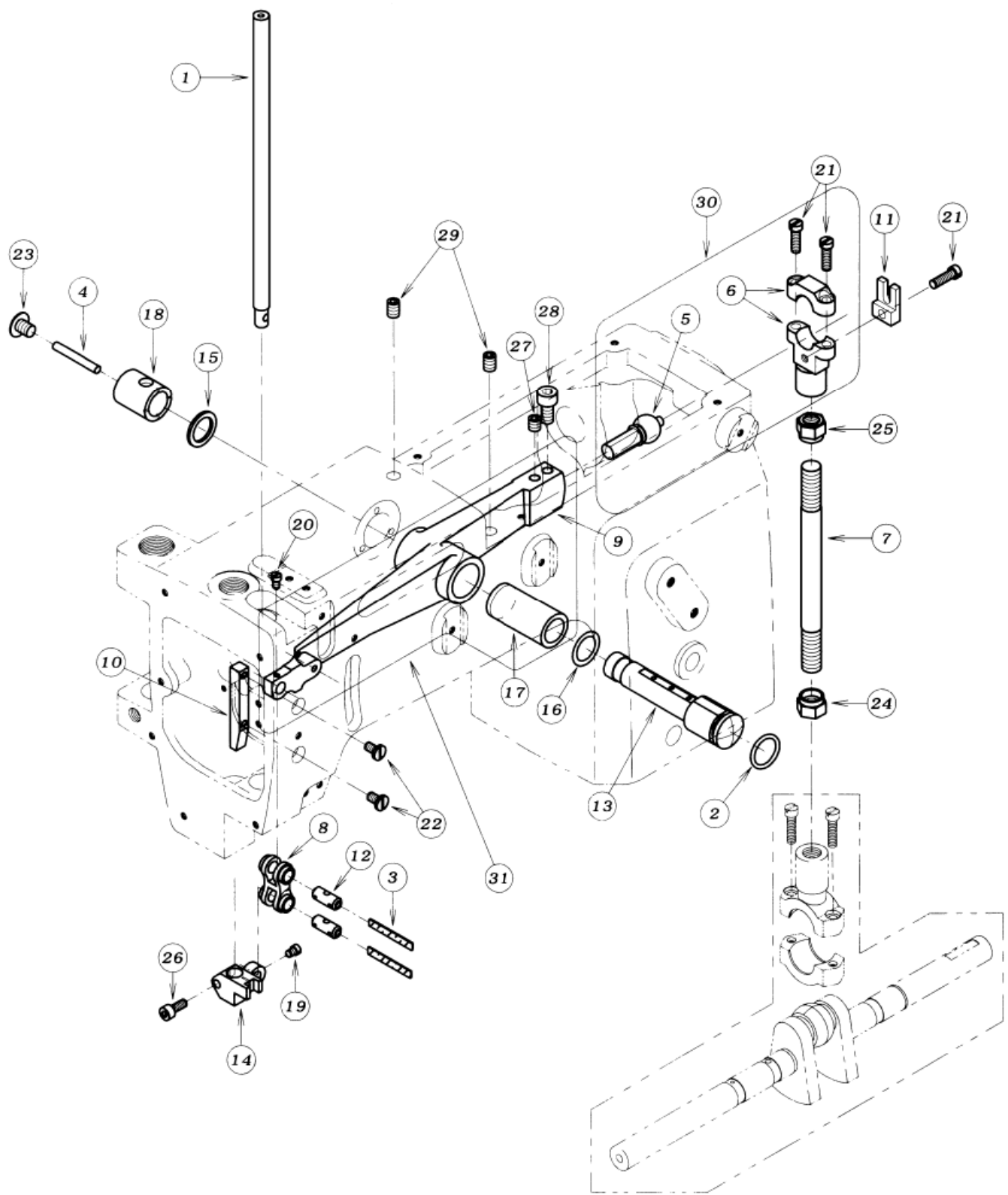
REF.NO.	PART NO.	DESCRIPTION	Q' TY
02-01	02-112	WASHER	2
02-02	14-050	NEEDLE PLATE SUPPORT BRACKET	1
02-03	14-038	NEEDLE PLATE SUPPORT BRACKET	1
02-04	21-137	FRONT COVER	1
02-05	21-897	COVER	1
02-06	23-137	GASKET	1
02-07	23-229	GASKET	1
02-08	24-053	TYPE PLATE	1
02-09	26-712	WASHER	1~2
02-10	27-042	CLOTH PLATE	1
02-11	27-043	FRONT PLATE	1
02-12	27-044	SIDE COVER	1
02-13	27-045	CLOTH PLATE	1
02-14	27-046	CLOTH PLATE	1
02-15	27-047	COVER	1
02-16	31-438	FILTER	1
02-17	71-255	PIN	2
02-18	75-455	WASHER	3
02-19	79-521	PLATE SPRING(A)	1
02-20	79-522	SPRING	1
02-21	84-364	SCREW	2
02-22	84-761	SCREW	2
02-23	84-763	SCREW	2
02-24	84-861	SCREW	1
02-25	84-862	SCREW	2~3
02-26	85-181	SCREW	2~4
02-27	87-092	BOLT	3
02-28	87-098	BOLT	2
02-29	87-113	BOLT	5
02-30	87-123	BOLT	2
02-31	05-061	SCREW	5
02-32	87-280	SCREW	1
02-33	87-285	BOLT	1
02-34	88-146	NUT	1~2
02-35	88-166	NUT	2
02-36	93-701	PIN	2
02-37	20-0420	UPPER COVER ASS'Y	1
02-38	20-0450	UPPER COVER ASS'Y	1
02-39	20-0460	UPPER COVER ASS'Y	1
02-40	20-0470	UPPER COVER ASS'Y	1
02-41	23-512	CUSHION RUBBER	2
02-42	75-468	WASHER	3
02-43	79-552	SPRING	1
02-44	87-287	BOLT	2
02-45			
02-46	87-310	SCREW	1
02-47	87-316	SCREW	1
02-48			
02-49	87-177	BOLT	1

3. THREAD TENSION MECHANISM



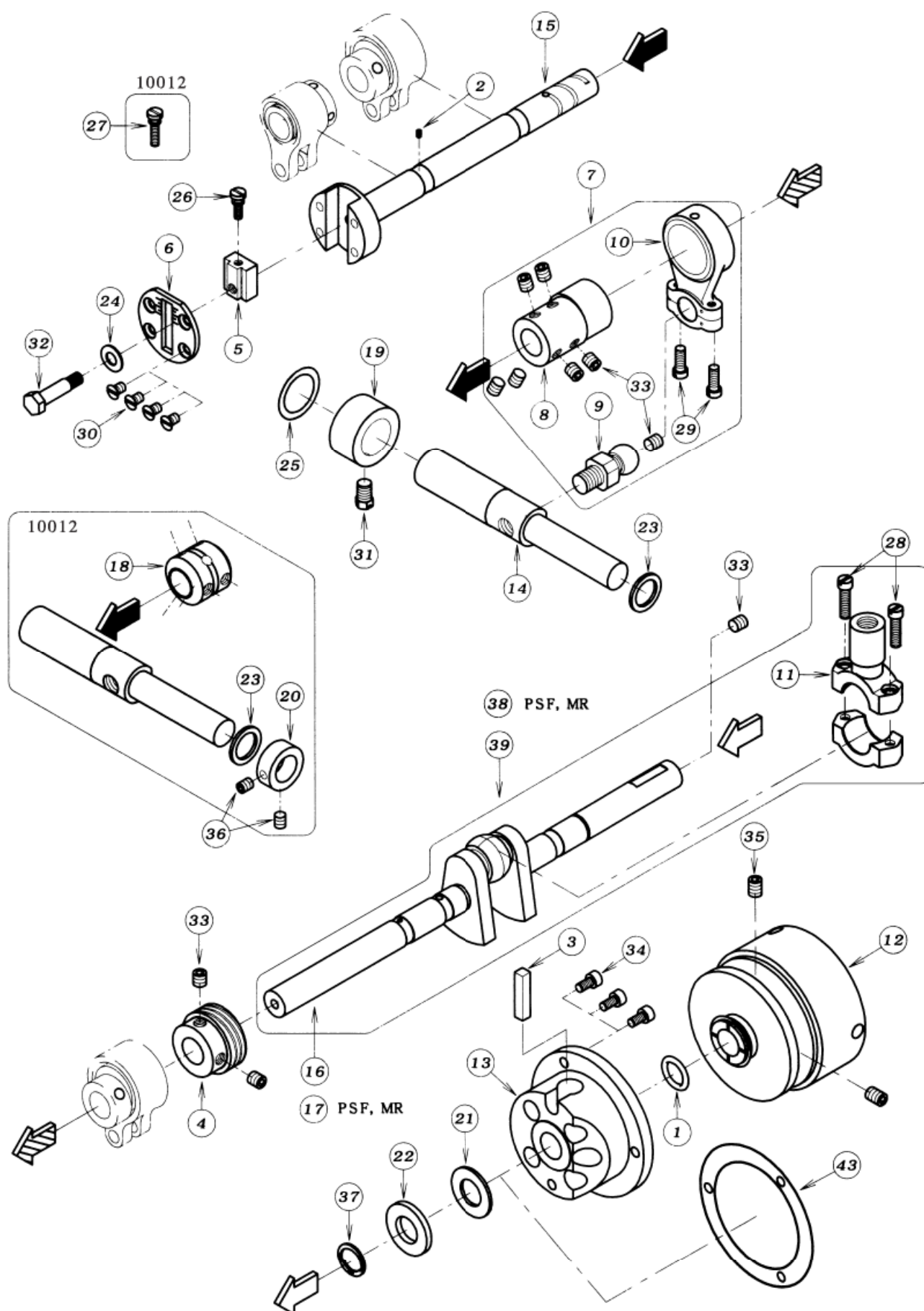
REF.NO.	PART NO.	DESCRIPTION	Q' TY
04-01	45-107	THRED EYELET	2
04-02	45-127	THRED EYELET	1
04-03	45-432	THRED EYELET	1
04-04	45-433	THRED EYELET	1
04-05	45-434	THRED EYELET	1
04-06	45-435	THRED TAKE-UP PLATE	1
04-07	45-437	THRED EYELET	1
04-08	47-120	THRED EYELET	1
04-09	47-408	THRED EYELET	1
04-10	47-409	THRED EYELET	2
04-11	47-413	THRED EYELET	1
04-12	75-455	WASHER	4
04-13	87-272	SCREW	1
04-14	84-361	SCREW	2
04-15	87-113	BOLT	1
04-16	87-177	BOLT	6
04-17	87-293	SCREW	4
04-18	84-374	SCREW	2

6. NEEDLE BAR & LEVER MECHANISM

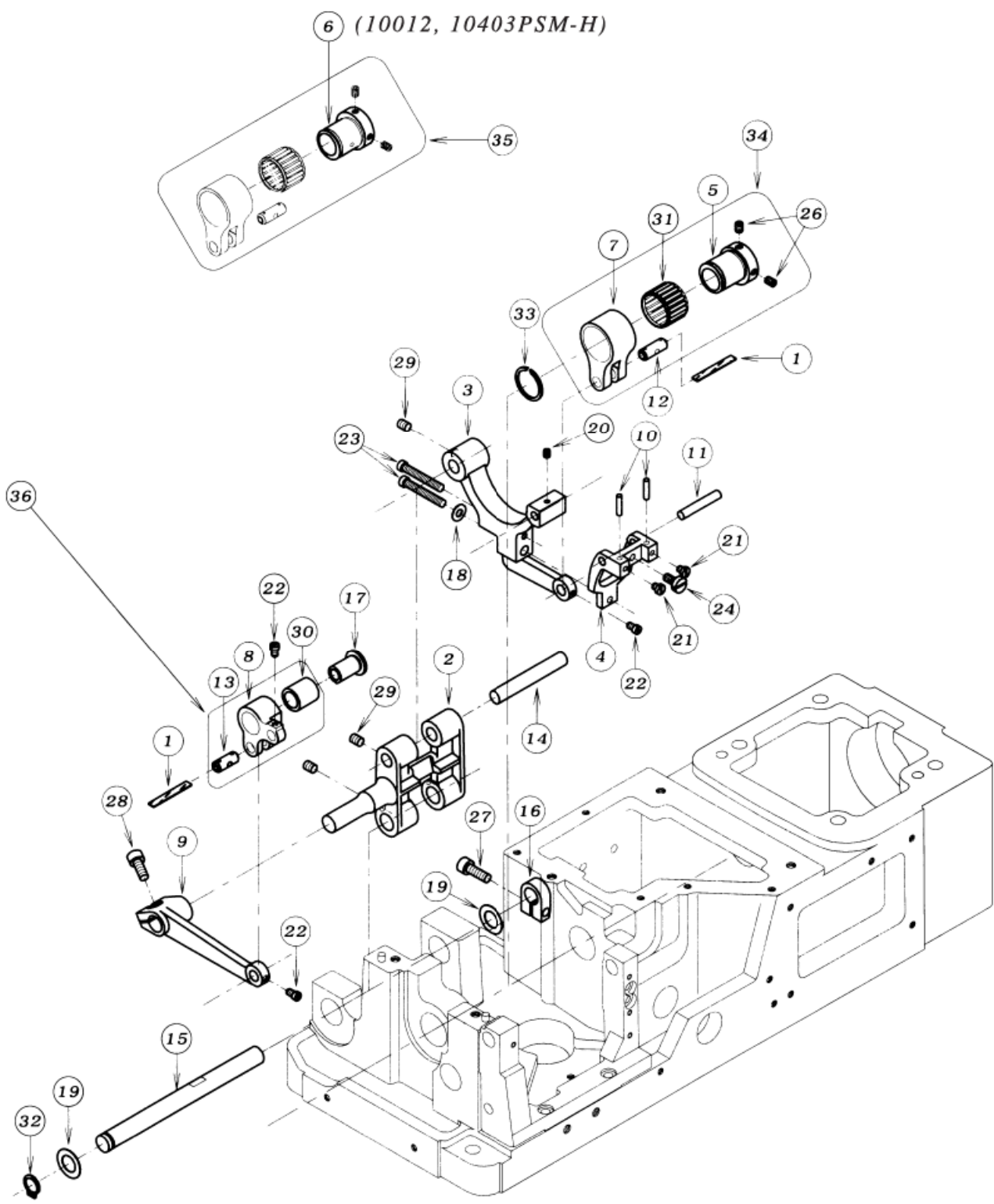


REF.NO.	PART NO.	DESCRIPTION	Q' TY
06-01	11-400	NEEDLE BAR	1
06-02	23-195	O-RING	1
06-03	23-341	FELT	2
06-04	23-383	FELT	1
06-05	61-711	CONNECTING ROD BALL	1
06-06	63-713	BALL JOINT	1
06-07	65-302	CONNECTING BAR	1
06-08	66-111	CONNECTING LINK	1
06-09	69-105	NEEDLE LEVER E	1
06-10	69-117	NEEDLE BAR GUIDE	1
06-11	69-120	ECCENTRIC GUIDE	1
06-12	71-432	PIN	2
06-13	71-933	NEEDLE LEVER STUD	1
06-14	73-121	NEEDLE BAR CLAMP	1
06-15	75-332	WASHER	1
06-16	75-674	WASHER	1
06-17	81-113	BUSHING	1
06-18	81-412	BUSHING	1
06-19	84-365	SCREW	1
06-20	84-366	SCREW	1
06-21	84-567	SCREW	3
06-22	84-574	SCREW	2
06-23	85-181	SCREW	1
06-24	86-741	NUT	1
06-25	86-742	NUT	1
06-26	87-113	SCREW	1
06-27	87-172	SCREW	1
06-28	87-225	SCREW	1
06-29	87-242	SCREW	2
06-30	60-3700	CONNECTING ROD ASS'Y	1
06-31	69-1050-2	NEEDLE LEVER (WITH BUSHING)	1

7. CRANKSHAFT MECHANISM

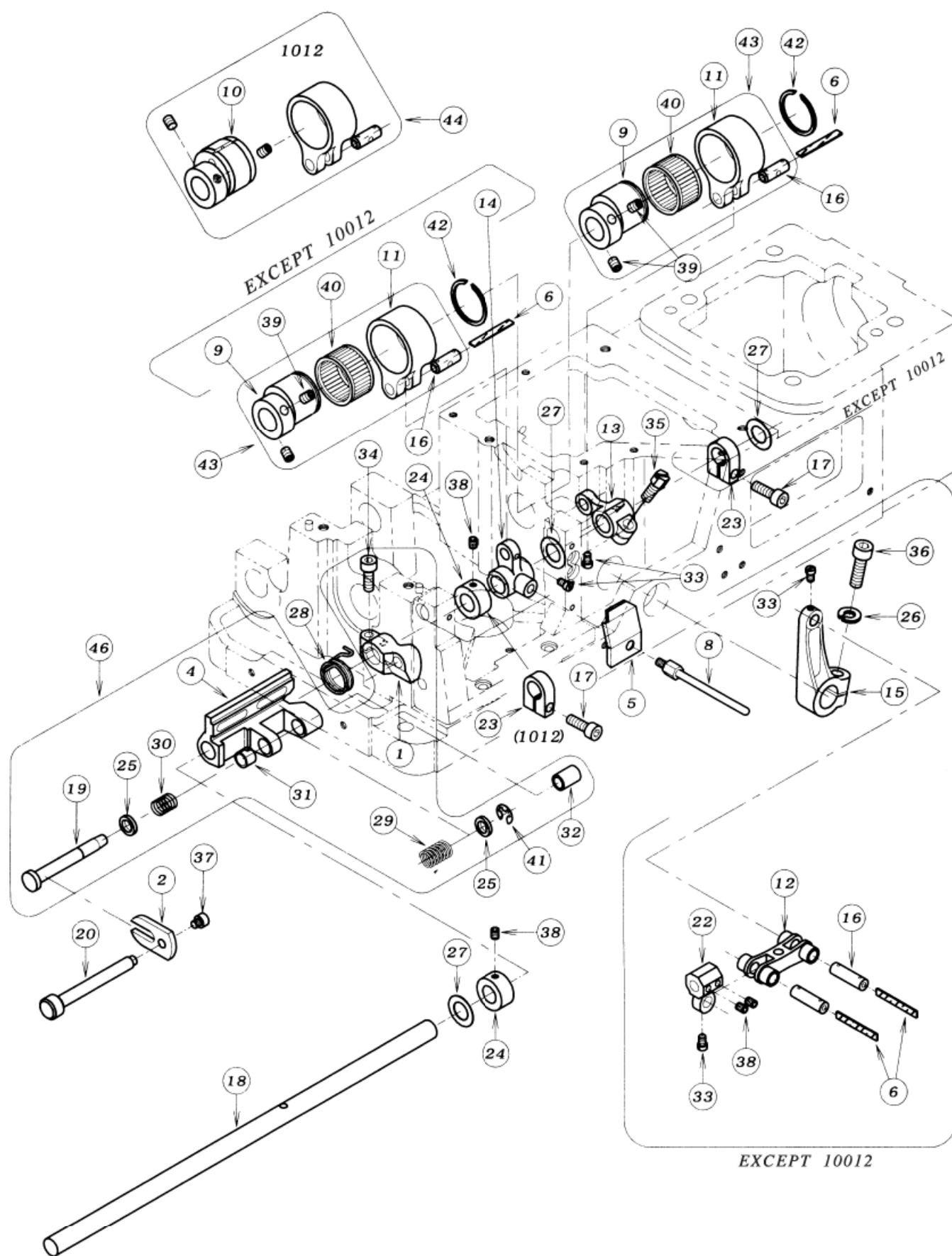


8. FEED MECHANISM



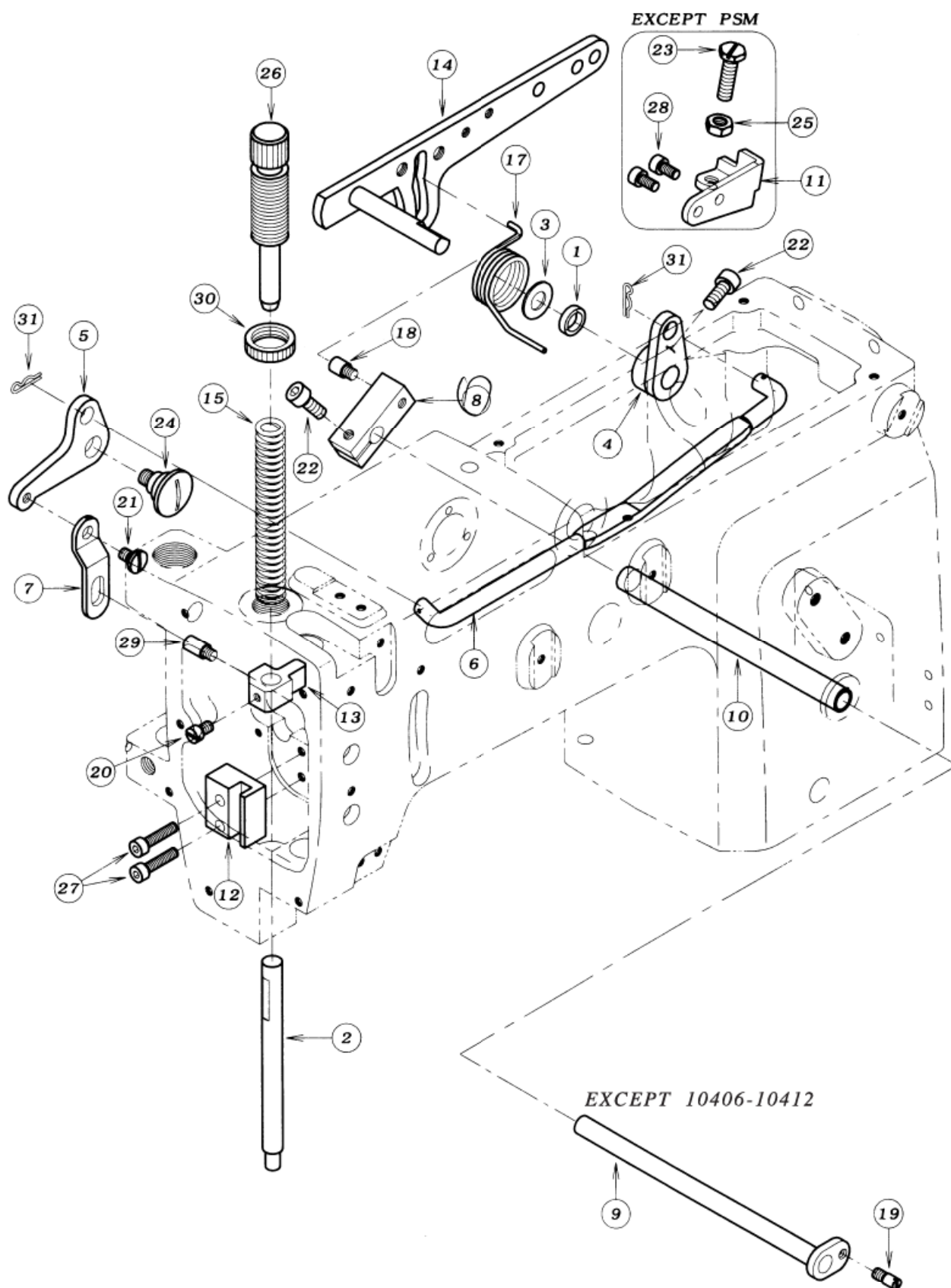
REF.NO.	PART NO.	DESCRIPTION	Q' TY
08-01	23-341	FELT	2
08-02	55-041	SINGLE FEED ROCKER ARM	1
08-03	55-141	FEED ROCKER	1
08-04	55-146	FEED DOG HOLDER	1
08-05	61-312	LOOPER AVOID ECCENTRIC	1
08-06	61-322	FEED ECCENTRIC	1
08-07	63-232	ECCECTRIC LINK	1
08-08	63-353	FEED ROCKER LINK	1
08-09	67-311	FEED ROCKER ARM	1
08-10	71-217	PIN	2
08-11	71-351	SHAFT	1
08-12	71-431	PIN	1
08-13	71-432	FEED ROCKER LINK PIN	1
08-14	71-531	SHAFT	1
08-15	71-642	FEED ROCKER ARM SHAFT	1
08-16	75-139	COLLAR	1
08-17	75-235	ROLLER	1
08-18	75-455	WASHER	1
08-19	75-675	WASHER	1
08-20	84-314	SCREW	1
08-21	84-364	SCREW	1
08-22	84-366	SCREW	1
08-23	84-569	SCREW	2
08-24	84-588	SCREW	1
08-25	87-113	BOLT	2
08-26	87-181	SCREW	2
08-27	87-245	BOLT	1
08-28	87-252	BOLT	1
08-29	87-254	SCREW	1
08-30	91-270	BEARING	1
08-31	91-406	BEARING	1
08-32	93-261	C-RING	1
08-33	93-406	C-RING	1
08-34	60-0800	ECCNTRIC LINK ASS'Y	1
08-35	60-0900	ECCNTRIC LINK ASS'Y	1
08-36	63-3530-2	FEED ROCKER LINK ASS'Y	1

9. LOOPER MECHANISM

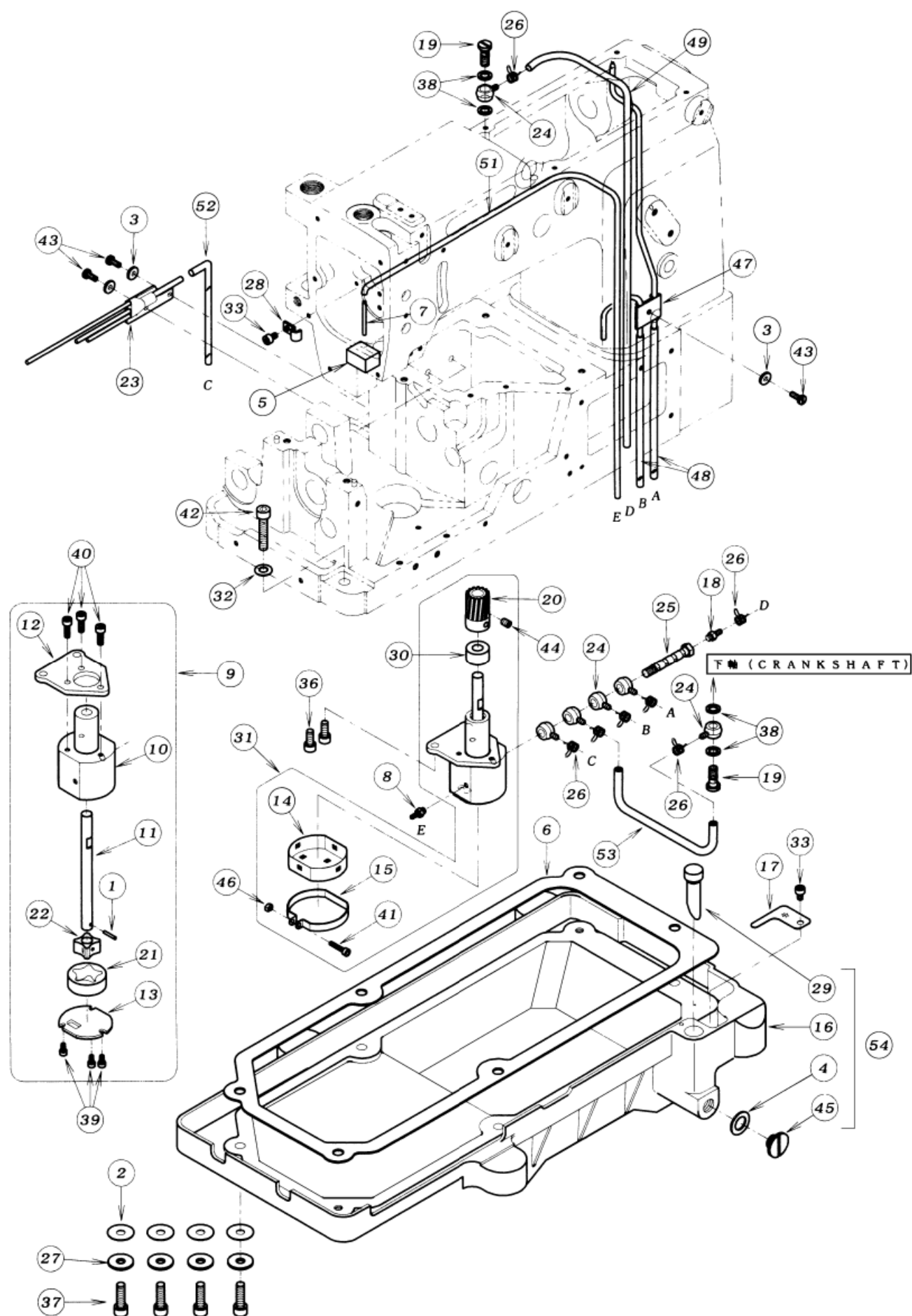


REF.NO.	PART NO.	DESCRIPTION	Q' TY
09-01	04-106	LOOPER ROCKER	1
09-02	04-111	PLATE	1
09-03	19-409	LOOPER ROCKER	
09-04	19-408	LOOPER ROCKER	1
09-05	21-126	COVER	1
09-06	23-341	FELT	4
09-07			
09-08	47-220	FAKE-UP ROD	1
09-09	61-241	LOOPER AVOID ECCENTRIC	2
09-10	61-244	LOOPER AVOID ECCENTRIC	1
09-11	63-241	ECCENTRIC LINK	2
09-12	66-116	RETAINER CONNECTING LINK	1
09-13	67-141	LOOPER ROCKER LEVER	1
09-14	67-147	TAKE UP DRIVE LEVER B	1
09-15	67-235	RETAINER LEVER B	1
09-16	71-431	PIN	4
09-17	87-245	BOLT	1
09-18	71-626	LOOPER ROCKER SHAFT	1
09-19	71-911	SHAFT	1
09-20	71-913	LOOPER THROW-OUT ACTUATING SHAFT	1
09-21			
09-22	73-116	RETAINER BAR HOLDER	1
09-23	75-139	COLLAR	1
09-24	75-135	COLLAR	2
09-25	75-381	WASHER	2
09-26	75-527	SPRING WASHER	1
09-27	75-675	WASHER	3
09-28	79-161	SPRING	1
09-29	79-163	SPRING	1
09-30	79-164	SPRING	1
09-31	81-142	BUSHING	1
09-32	81-143	BUSHING	1
09-33	84-366	SCREW	4
09-34	87-224	BOLT	1
09-35	84-814	SCREW	1
09-36	87-173	BOLT	1
09-37	87-287	BOLT	1
09-38	87-181	SCREW	4
09-39	87-254	SCREW	4
09-40	91-401	BEARING	2
09-41	93-211	E-RING	1
09-42	93-401	SNAP RING	2
09-43	60-1390	ECCENTRIC LINK ASS'Y	*
09-44	60-1410	ECCENTRIC LINK ASS'Y	1
09-45	10-9010	LOOPER ROCKER ASS'Y	
09-46	10-9030	LOOPER ROCKER ASS'Y	1

10. PRESSER FOOT MECHANISM

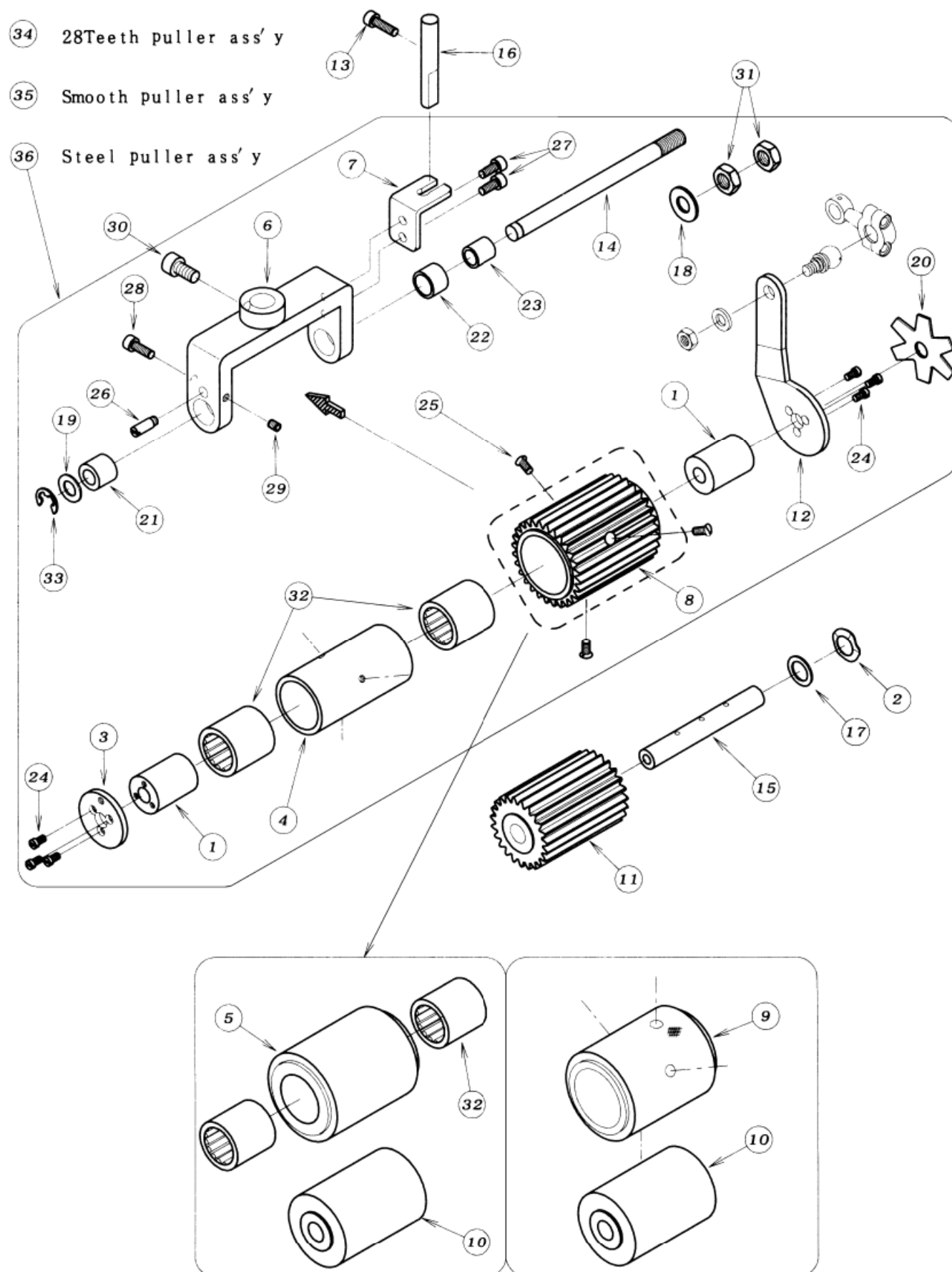


11. LUBRICATION MECHANISM



REF.NO.	PART NO.	DESCRIPTION	Q' TY
11-01	17-8010-G	PIN	1
11-02	23-120	GASKET	4
11-03	23-160	SEAL WASHER	3
11-04	23-304	SEAL	1
11-05	23-363	FELT	1
11-06	23-451	GASKET	1
11-07	35-257	PIPE A	1
11-08	31-364	JOINT	1
11-09	30-0120	PUMP ASS'Y	1
11-10	31-151	PUMP HOUSING	1
11-11	31-152	PUMP SHAFT	1
11-12	31-153	PLATE	1
11-13	31-154	PUMP REAR PLATE	1
11-14	31-156	PUMP MESH	1
11-15	31-157	CLAMP	1
11-16	31-270	OIL TANK	1
11-17	31-271	OIL FILTER SCREEN	1
11-18	31-314	JOINT	1
11-19	35-528	JOINT SCREW	2
11-20	31-702	PUMP GEAR	1
11-21	31-705	OUTER ROTER	1
11-22	31-707	INNER ROTER	1
11-23	35-122	PIPE	1
11-24	35-361	JOINT	6
11-25	35-362	JOINT SCREW	1
11-26	35-413	CLAMP	7
11-27	75-536	WASHER	4
11-28	39-133	PIPE SUPPOET C	1
11-29	39-216	OIL GAUGE	1
11-30	75-185	COLLAR	1
11-31	30-0121	PUMP ASS'Y	1
11-32	75-452	WASHER	2
11-33	87-092	BOLT	2
11-34			
11-35			
11-36	87-252	BOLT	2
11-37	87-173	BOLT	4
11-38	23-514	JOINT SRAL	4
11-39	87-123	BOLT	3
11-40	87-129	BOLT	3
11-41	87-140	BOLT	1
11-42	87-183	BOLT	2
11-43	84-363	SCREW	3
11-44	87-254	SCREW	1
11-45	87-311	SCREW	1
11-46	88-137	NUT	1
11-47	35-246	PIPING	1
11-48	35-317	TUBE	2
11-49	35-318	TUBE	1
11-50			
11-51	35-322	TUBE(Ø4XØ2, 600L)	1
11-52	35-315	TUBE(Ø6XØ3, 190L)	1
11-53	35-343	TUBE(Ø6XØ3, 80L)	1
11-54	31-2700-2	OIL TANK ASS'Y	1

12. REAR PULLER MECHANISM (10404)

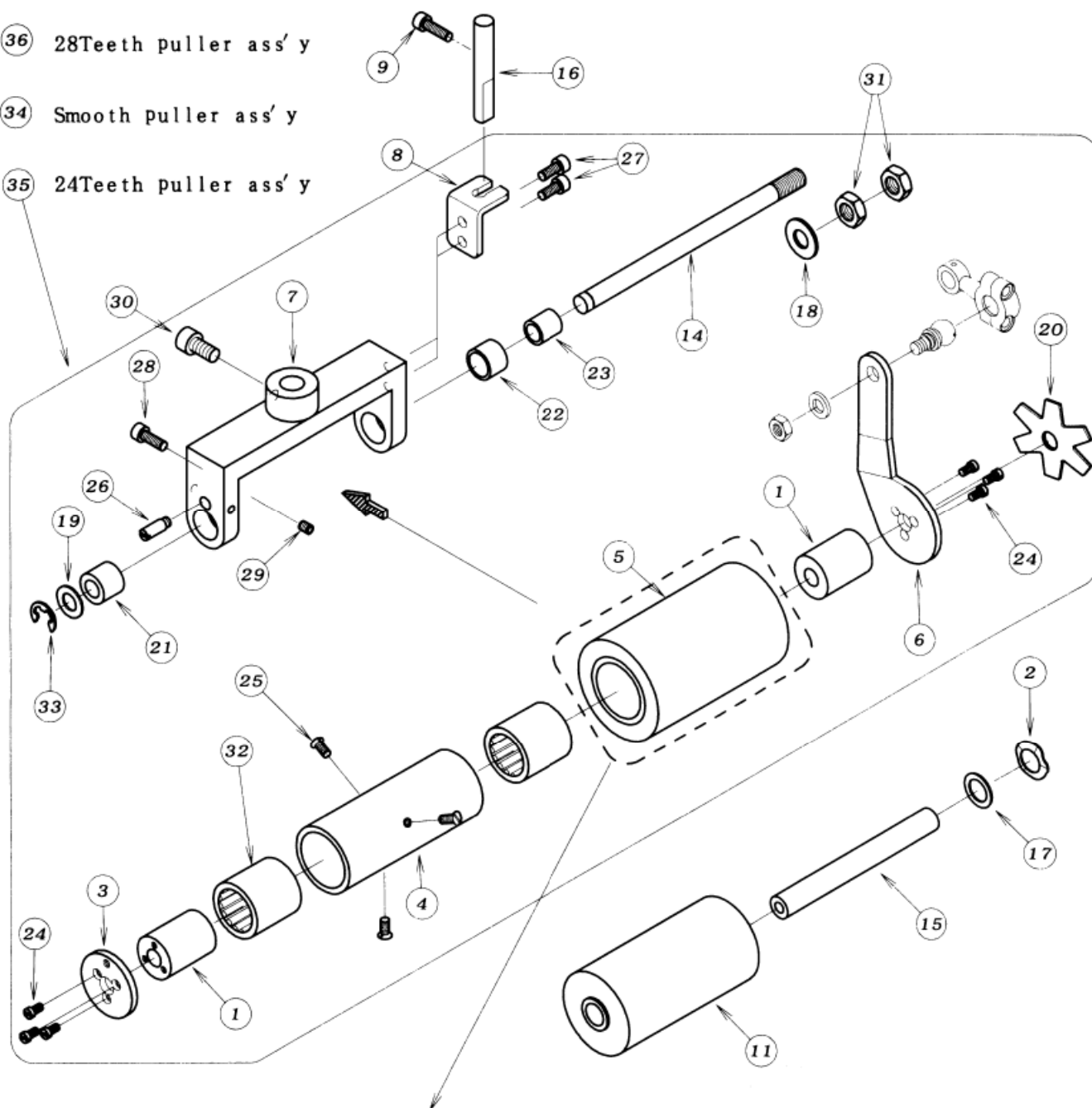


13. REAR PULLER MECHANISM (10406~10412)

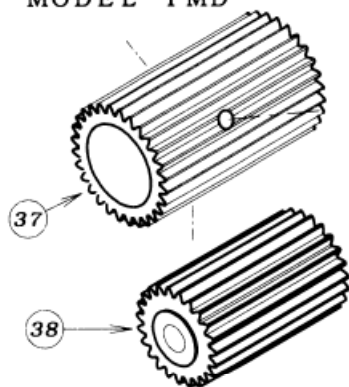
36 28Teeth puller ass'y

34 Smooth puller ass'y

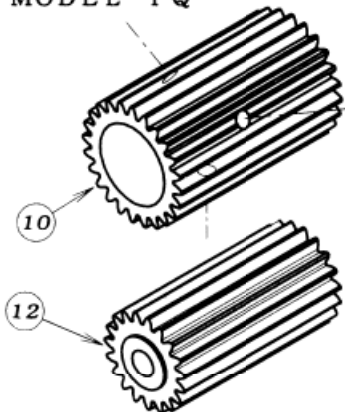
35 24Teeth puller ass'y



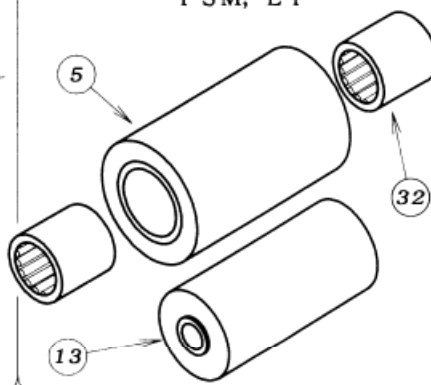
MODEL PMD



MODEL PQ

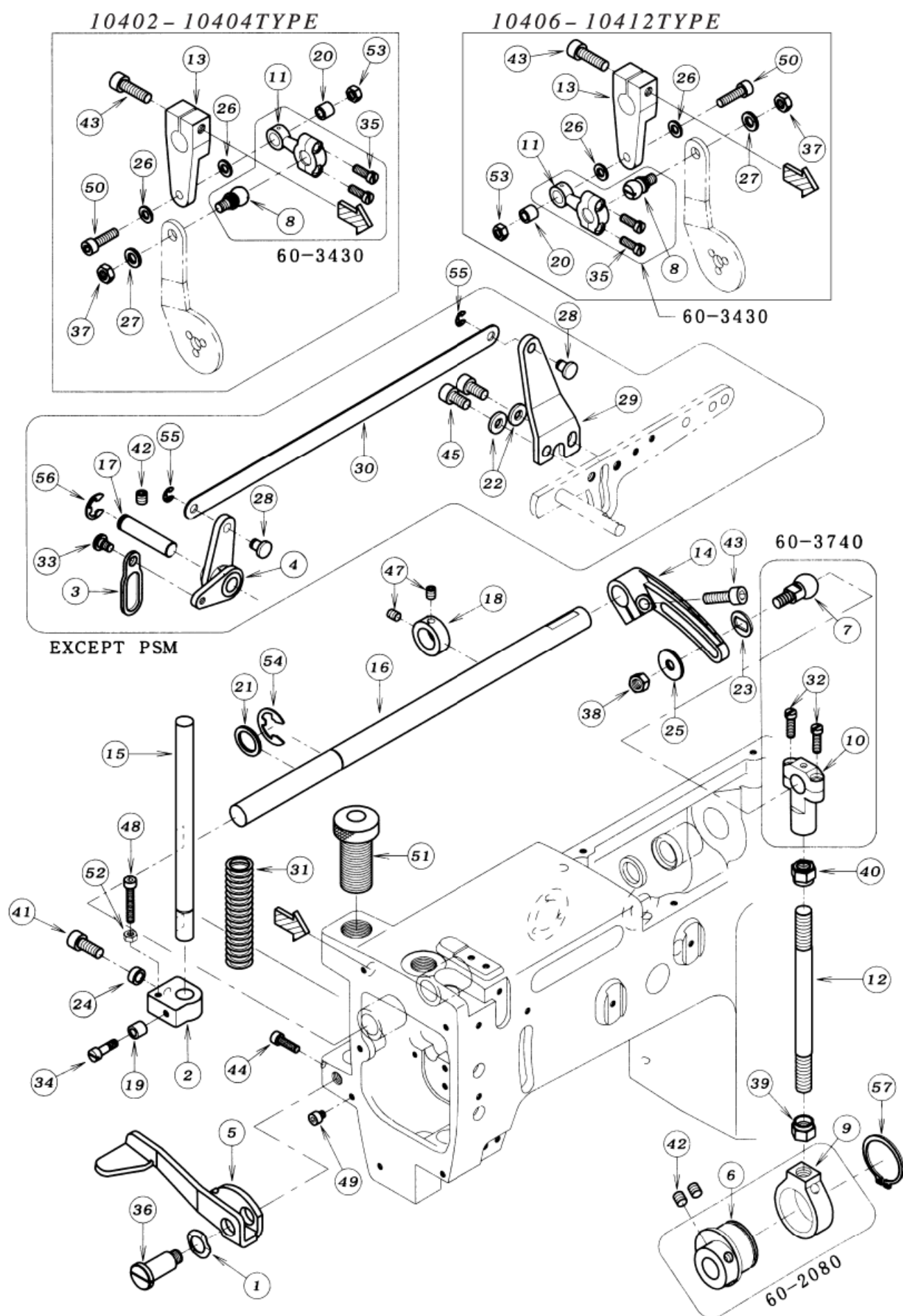


MODEL PS, 10012
PSM, ET

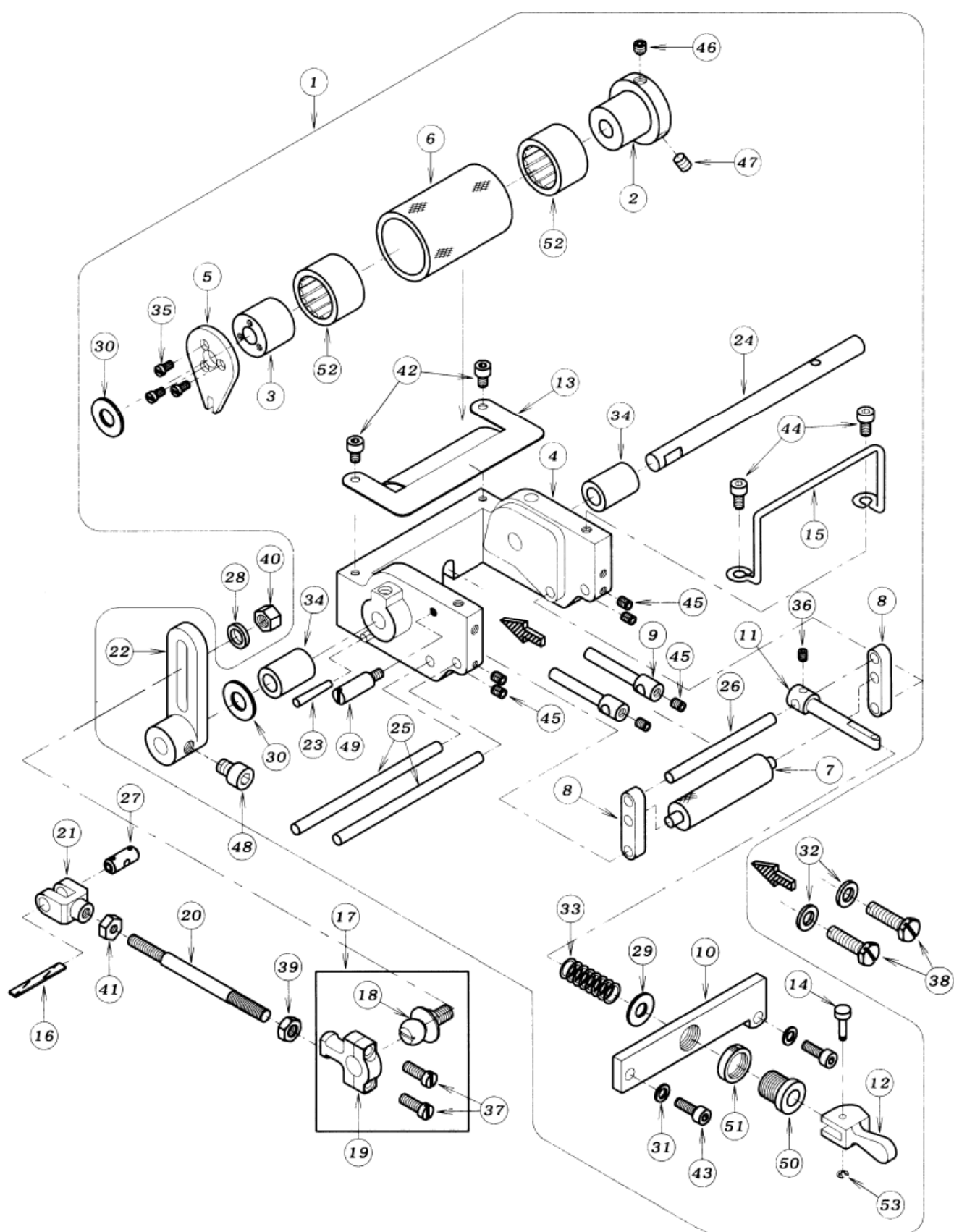


REF.NO.	PART NO.	DESCRIPTION	Q' TY
13-01	01-115	SLEEVE	2
13-02	02-116	WAVE WASHER	1
13-03	02-117	PLATE	1
13-04	02-124	HOUSING	1
13-05	02-138	REAR PULLER	1
13-06	02-263	CONNECTING PLATE	1
13-07	02-456	BRACKET	1
13-08	02-459	GUIDE	1
13-09	87-214	BOLT	1
13-10	02-492	BEAR PULLER	1
13-11	02-476	BEAR PULLER	1
13-12	02-493	BEAR PULLER	1
13-13	02-480	BEAR PULLER	1
13-14	71-445	SHAFT	1
13-15	71-652	REAR PULLER SHAFT(LOWER)	1
13-16	71-921	PULLER GUIDE PIN	1
13-17	75-380	WASHER	1
13-18	75-451	WASHER	1
13-19	75-519	WASHER	1
13-20	79-551	PULLER PLATE SPRING	1
13-21	81-321	BUSHING	1
13-22	81-322	BUSHING	1
13-23	81-323	BUSHING	1
13-24	84-162	SCREW	6
13-25	84-462	SCREW	3
13-26	84-573	SCREW	1
13-27	87-113	BOLT	2
13-28	87-129	BOLT	1
13-29	87-181	SCREW	1
13-30	87-225	BOLT	1
13-31	88-179	NUT	2
13-32	91-407	BEARING	2
13-33	93-221	E-RING	1
13-34	00-2401	SMOOTH PULLER ASS'Y	1
13-35	00-2422	24TEETH PULLER ASS'Y	1
13-36	00-2423	28TEETH PULLER ASS'Y	1
13-37	02-494	REAR PULLER	1
13-38	02-495	LOWER ROLLER GEAR(23 TEETH)	1

14. REAR PULLER MECHANISM



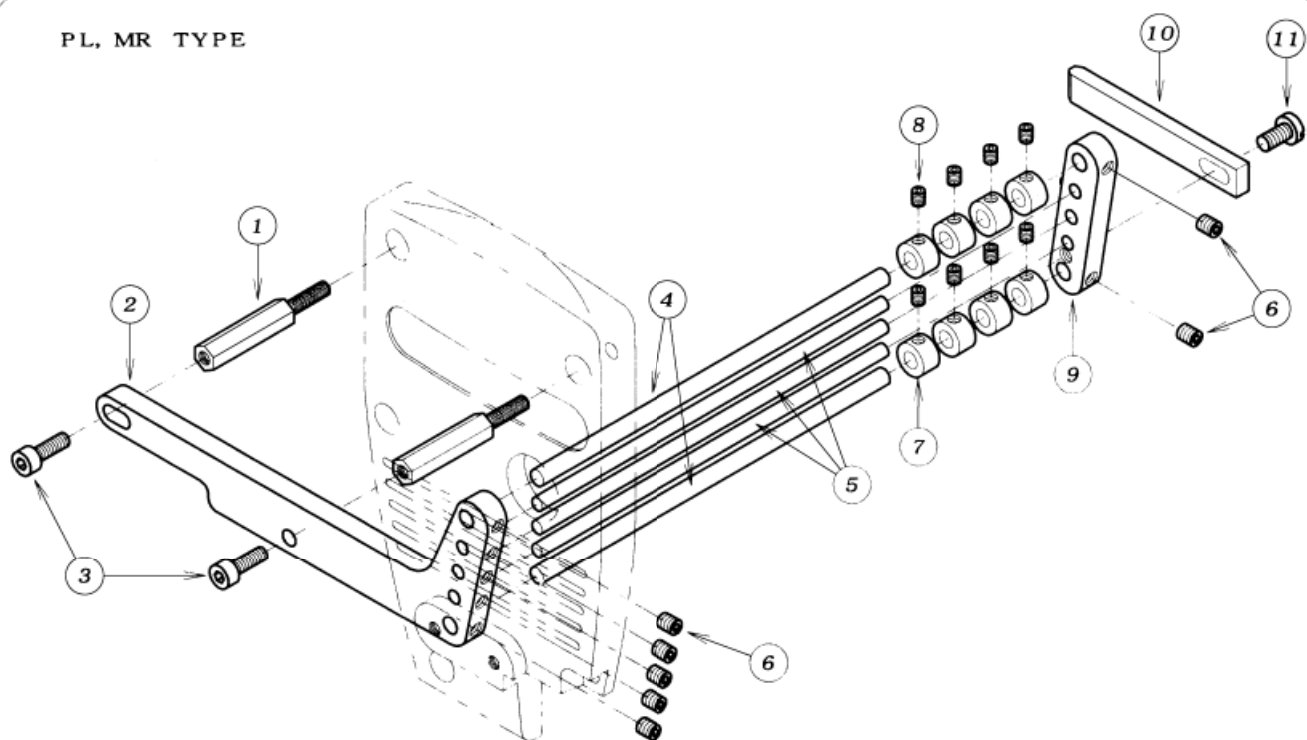
15. METERING DEVICE MECHANISM



16. TAPE GUIDE ASSEMBLY

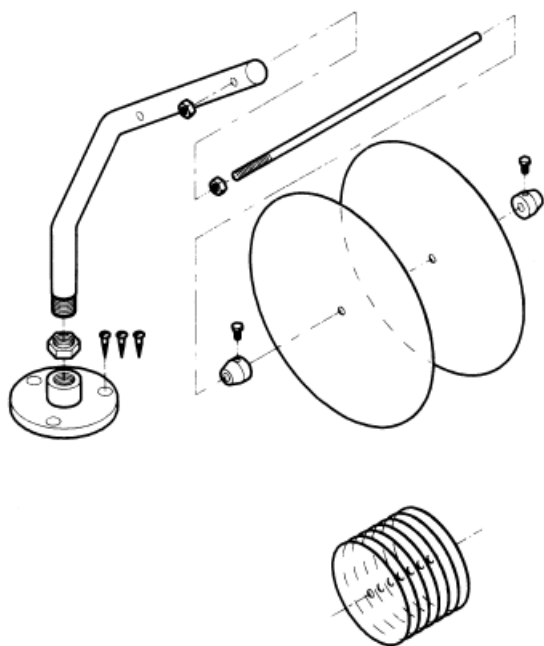
②① 20-6450

PL, MR TYPE



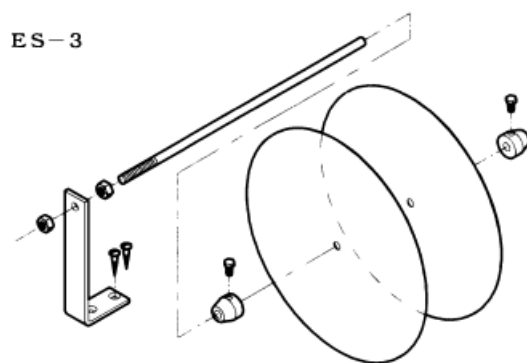
②① 20-6020

ES-2
PL, MR TYPE



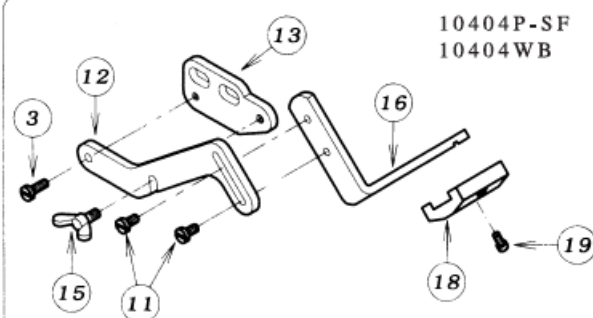
②② 20-6030

ES-3



②③ 20-6400

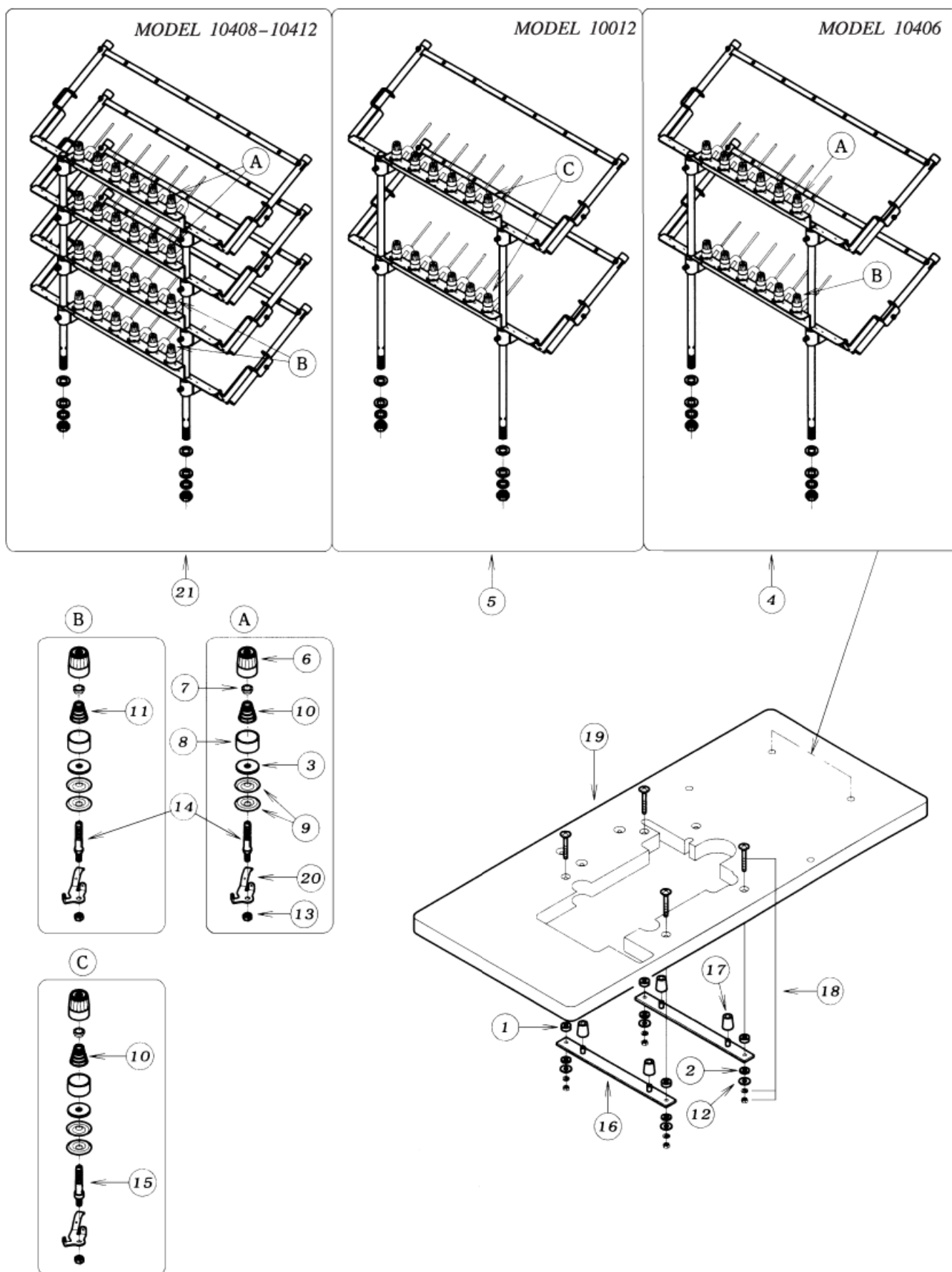
10404P-SF
10404WB



REF.NO.	PART NO.	DESCRIPTION	Q' TY
16-01	87-309	BRACKET	2
16-02	26-716	GUIDE BRACKET	1
16-03	87-129	SCREW	3
16-04	26-719	GUIDE SHAFT LARGE	2
16-05	26-720	GUIDE SHAFT SMALL	3
16-06	84-521	SCREW	7
16-07	75-097	COLLAR	8
16-08	84-314	SCREW	8
16-09	26-717	GUIDE FIXING BRACKET	1
16-10	26-718	GUIDE CLAMP	1
16-11	84-571	SCREW	3
16-12	26-732	MOUNTING SLIDE FOR HOLDER	1
16-13	26-731	MOUNTING BASE FOR HOLDER	1
16-14			
16-15	26-736	BOLT	1
16-16	26-733	MOUNTING BASE FOR HOLDER	1
16-17			
16-18	26-726	FIXING CLAMP	1
16-19	84-382	SCREW	1
16-20	20-6450	TAPE GUIDE ASS'Y	1
16-21	20-6020	TAPE STAND ASS'Y(ES-2)	1
16-22	20-6030	TAPE STAND ASS'Y(ES-3)	1
16-23	20-6400	MOUNTING BASE ASS'Y FOR HOLDER	1

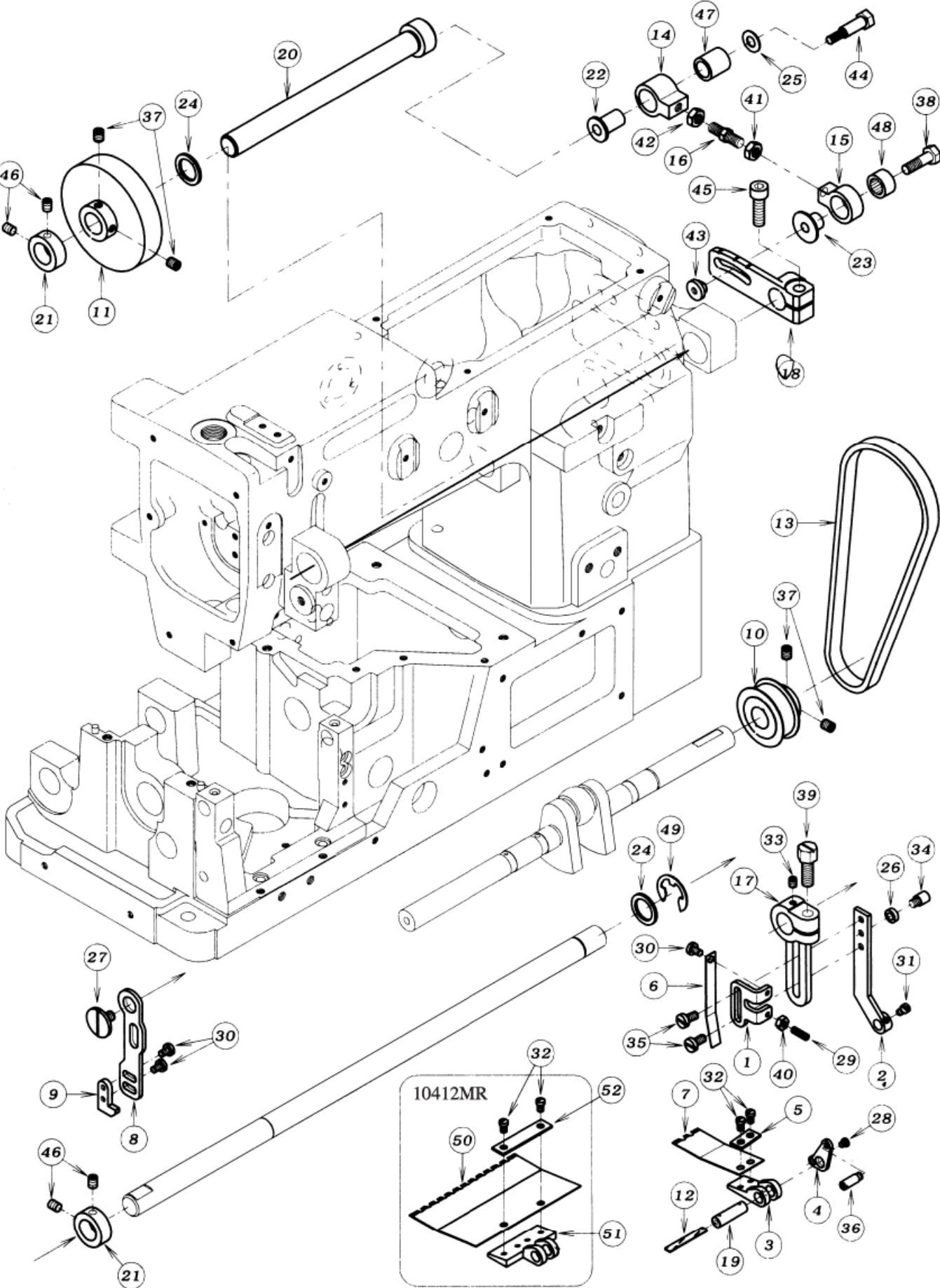
REF.NO.	PART NO.	DESCRIPTION	Q' TY
17-01	42-718	THREAD STAND ASSEMBLY FOE 8	1
17-02	42-704	THREAD STAND ASSEMBLY FOE 4	1
17-03	21-045	TABLE	1
17-04	80-751	SCREW	4
17-05	31-163	CUSHION RUBBER	4
17-06	25-140	MACHINE MONUT BRACKET	2
17-07	21-0450-1	TABLE	1
17-08	23-121	CUSHION RUBBER	4
17-09	23-122	CUSHION RUBBER	4
17-10	75-535	WASHER	4

18. THREAD STAND AND TABLE (2)



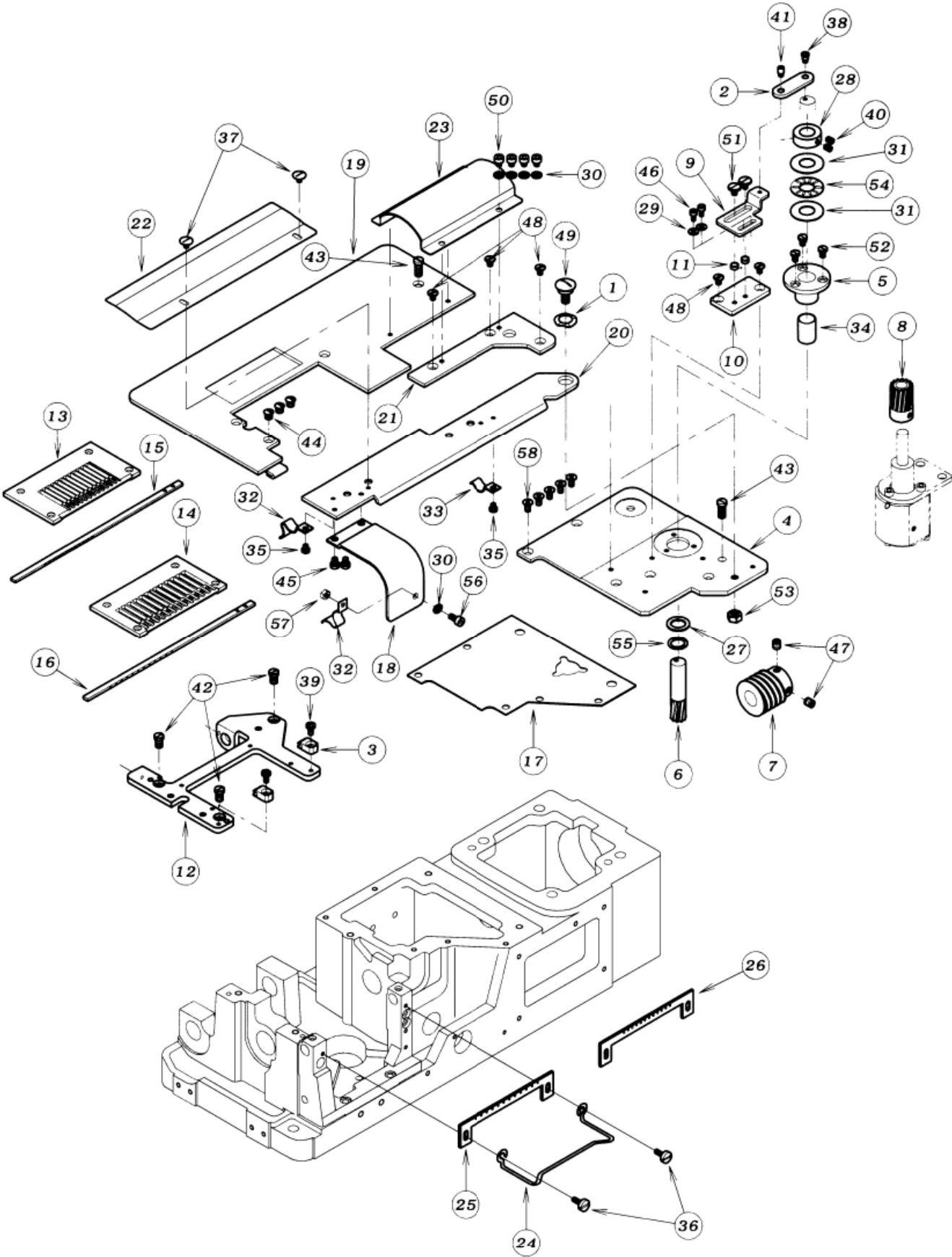
REF.NO.	PART NO.	DESCRIPTION	Q' TY
18-01	23-121	CUSHION RUBBER	4
18-02	23-122	CUSHION RUBBER	4
18-03	23-324	FELT	*
18-04	40-6502	THREAD STAND FOR MODEL 10406	1
18-05	40-6505	THREAD STAND FOR MODEL 10412	1
18-06	41-101	THREAD TENSION NUT	*
18-07	41-105	SPRING POST	*
18-08	41-107	SPRING CUP	*
18-09	41-110	TENSION DISC	*
18-10	41-701	SPRING(HEAVY)	*
18-11	41-702	SPRING(LIGHT)	*
18-12	75-535	WASHER	4
18-13	88-157	NUT	*
18-14	41-522	SCREW STUD	*
18-15	41-523	SCREW STUD FOR ELASTIC THREAD	12
18-16	25-140	MACHINE MOUNT BRACKET	2
18-17	31-163	CUSHION RUBBER	4
18-18	80-751	BOLT	4
18-19	21-042	TABLE	1
18-20	41-524	THREAD EYELET	*
18-21	40-6501	THREAD STAND FOR MODEL 10412	*

21. MODEL MR EXCLUSIVE PARTS (2)

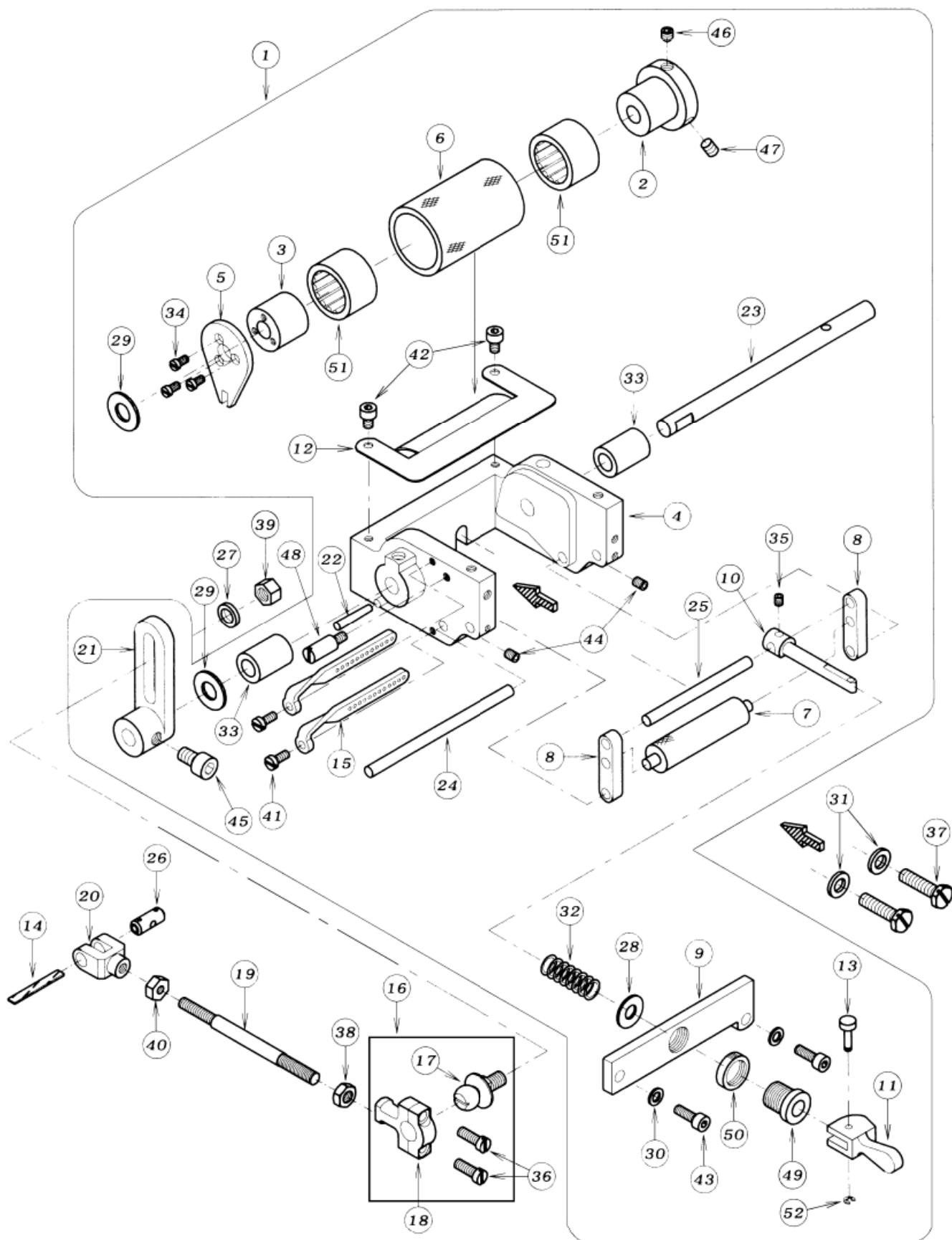


REF.NO.	PART NO.	DESCRIPTION	Q' TY
21-01	06-406	PLATE	1
21-02	06-408	LEVER	1
21-03	06-409	BRACKET	1
21-04	06-410	PLATE	1
21-05	06-411	PLATE	1
21-06	06-412	FLAT SPRING	1
21-07	06-431	RUFFLER BLADE	1
21-08	06-438	PLATE	1
21-09	06-439	PLATE	1
21-10	06-471	TIMING PULLEY	1
21-11	06-472	TIMING PULLEY	1
21-12	23-341	FELT	1
21-13	58-410	TIMING BELT	1
21-14	63-409	BRACKET	1
21-15	63-410	BRACKET	1
21-16	65-402	CONNECTING BAR	1
21-17	67-410	LEVER	1
21-18	67-427	LEVER	1
21-19	71-434	SHAFT	1
21-20	71-762	SHAFT	1
21-21	75-112	COLLAR	2
21-22	75-235	ROLLER	1
21-23	75-244	LINK ROLLER	1
21-24	75-332	WASHER	2
21-25	75-452	WASHER	1
21-26	75-942	WASHER	1
21-27	84-103	SCREW	1
21-28	84-163	SCREW	1
21-29	84-313	SCREW	1
21-30	84-361	SCREW	3
21-31	84-365	SCREW	1
21-32	84-379	SCREW	2
21-33	84-521	SCREW	1
21-34	84-561	SCREW	1
21-35	84-571	SCREW	2
21-36	84-573	SCREW	1
21-37	84-718	SCREW	4
21-38	84-831	SCREW	1
21-39	85-210	BOLT	1
21-40	86-211	NUT	1
21-41	86-411	NUT	1
21-42	86-412	NUT	1
21-43	86-481	NUT	1
21-44	87-019	SCREW	1
21-45	87-173	BOLT	1
21-46	87-254	SCREW	4
21-47	91-270	BEARING	1
21-48	91-409	BEARING	1
21-49	93-203	E-RING	1
21-50	06-415	RUFFLER BLADE	1
21-51	06-416	BRACKET	1
21-52	06-418	PLATE	1

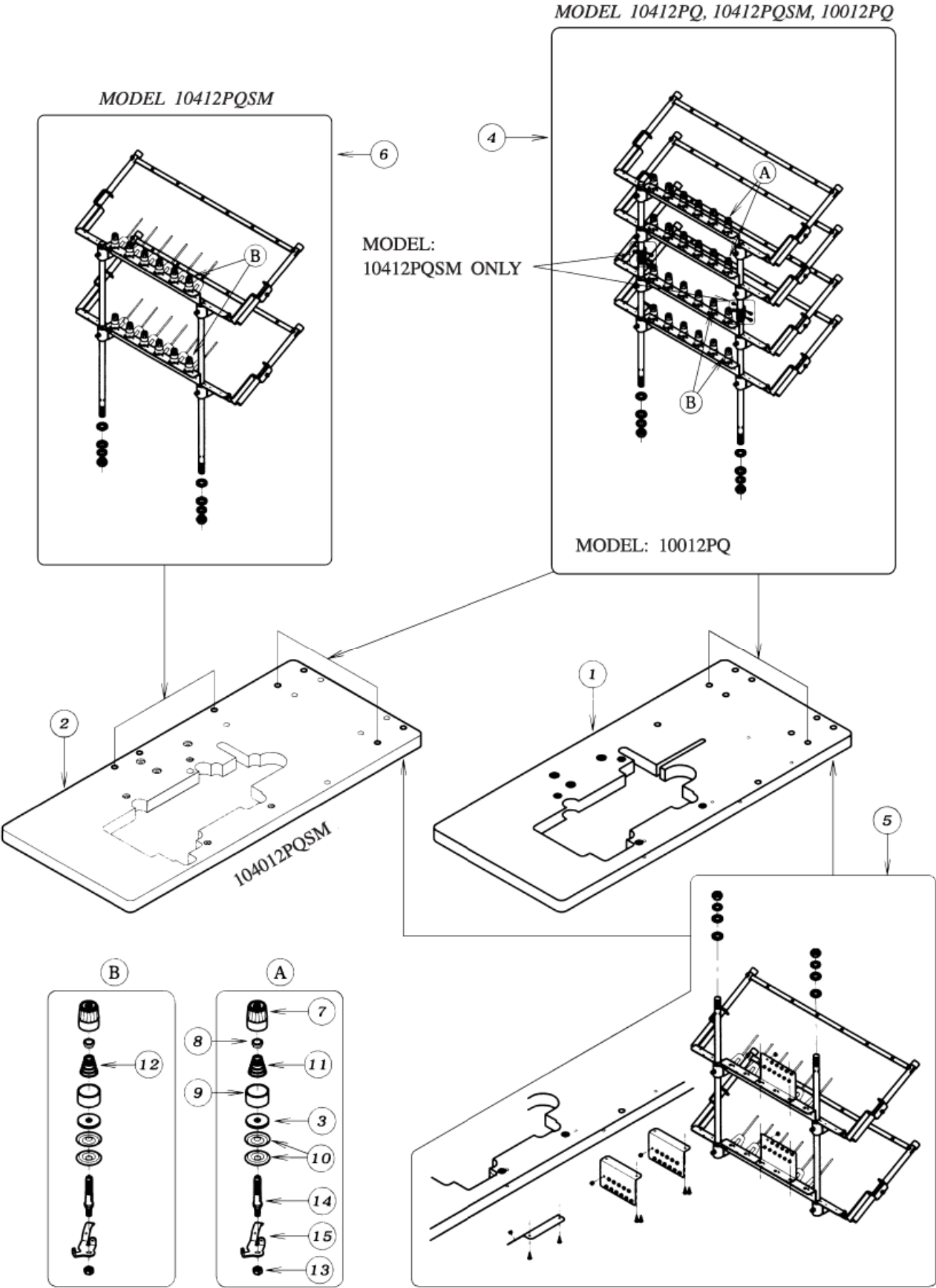
23. MODEL PQ EXCLUSIVE PARTS (1)



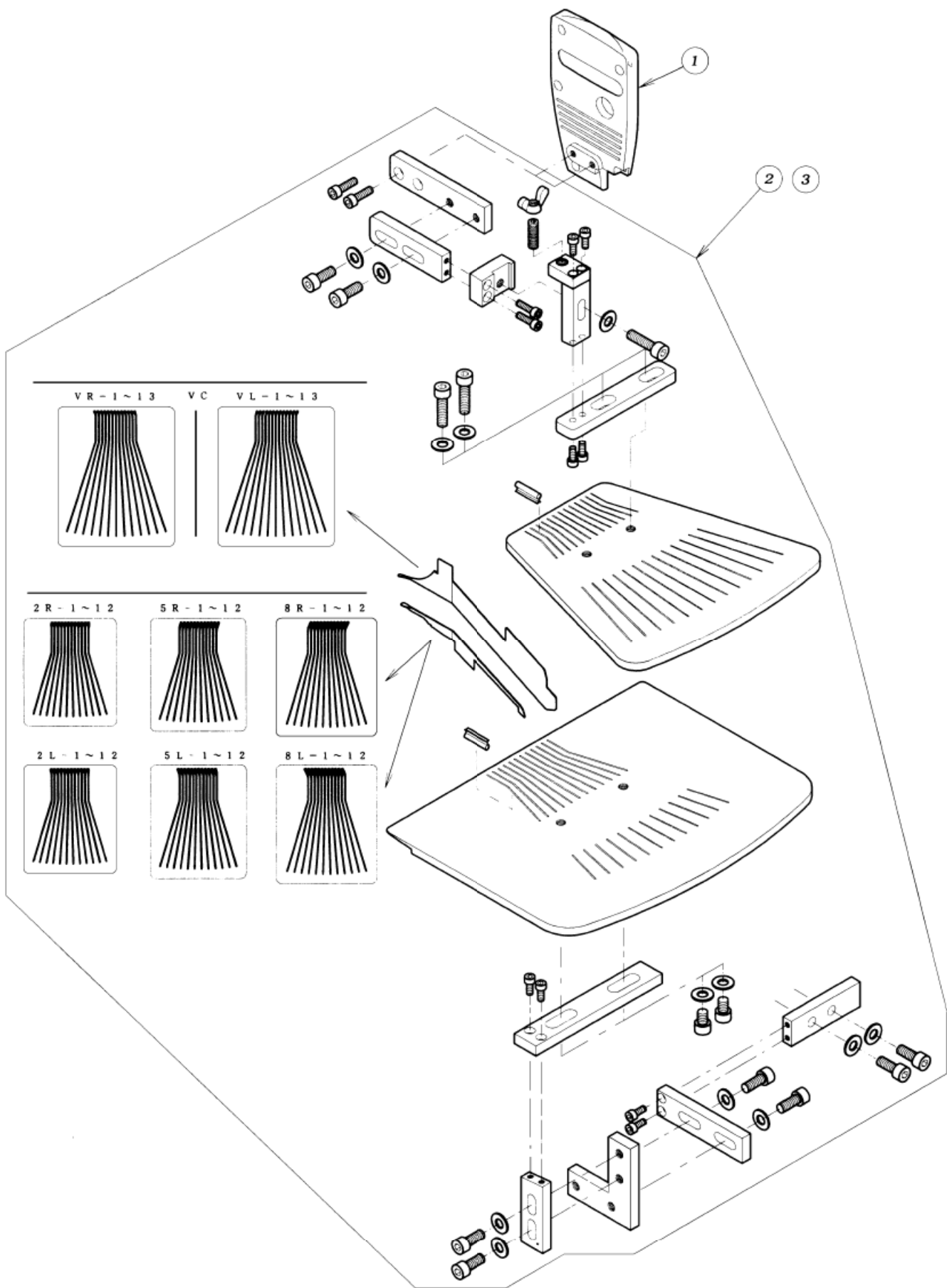
24. MODEL PQ EXCLUSIVE PARTS (2)



25. MODEL PQ EXCLUSIVE PARTS (3)

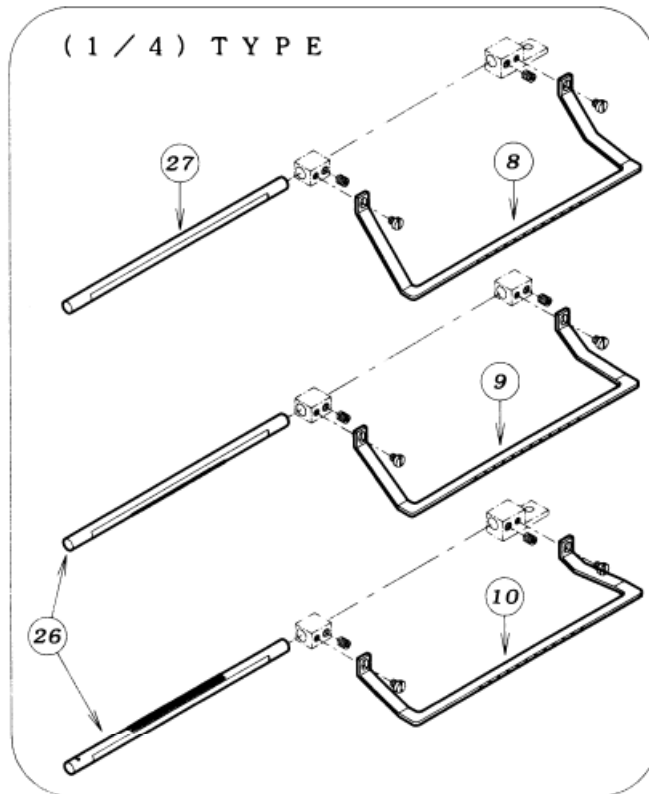
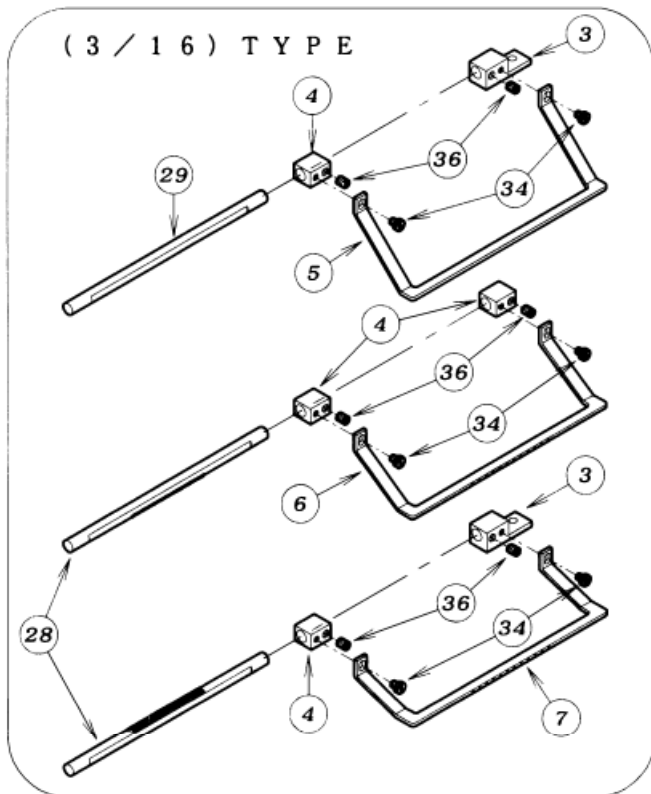
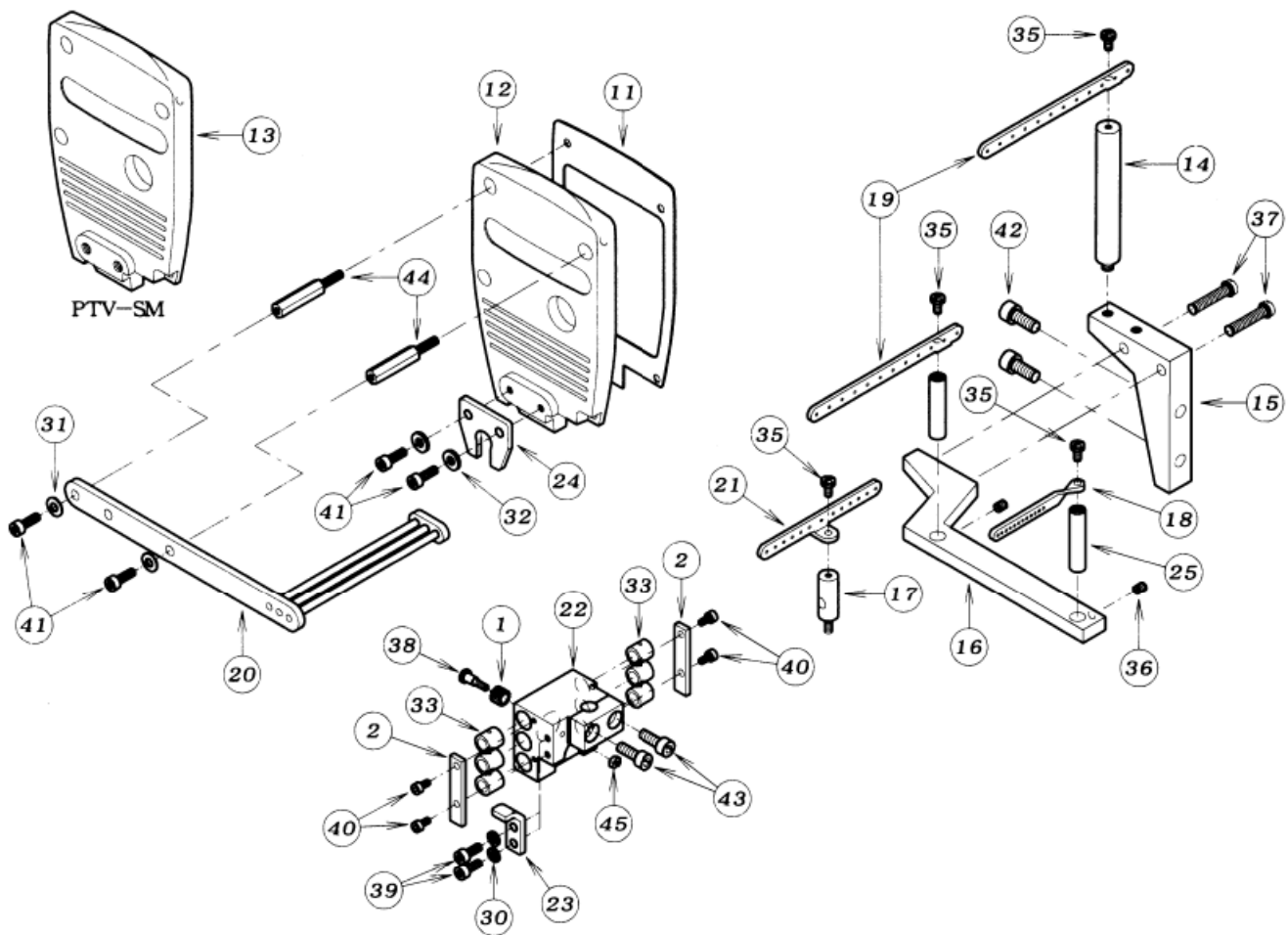


26. MODEL PTV EXCLUSIVE PARTS



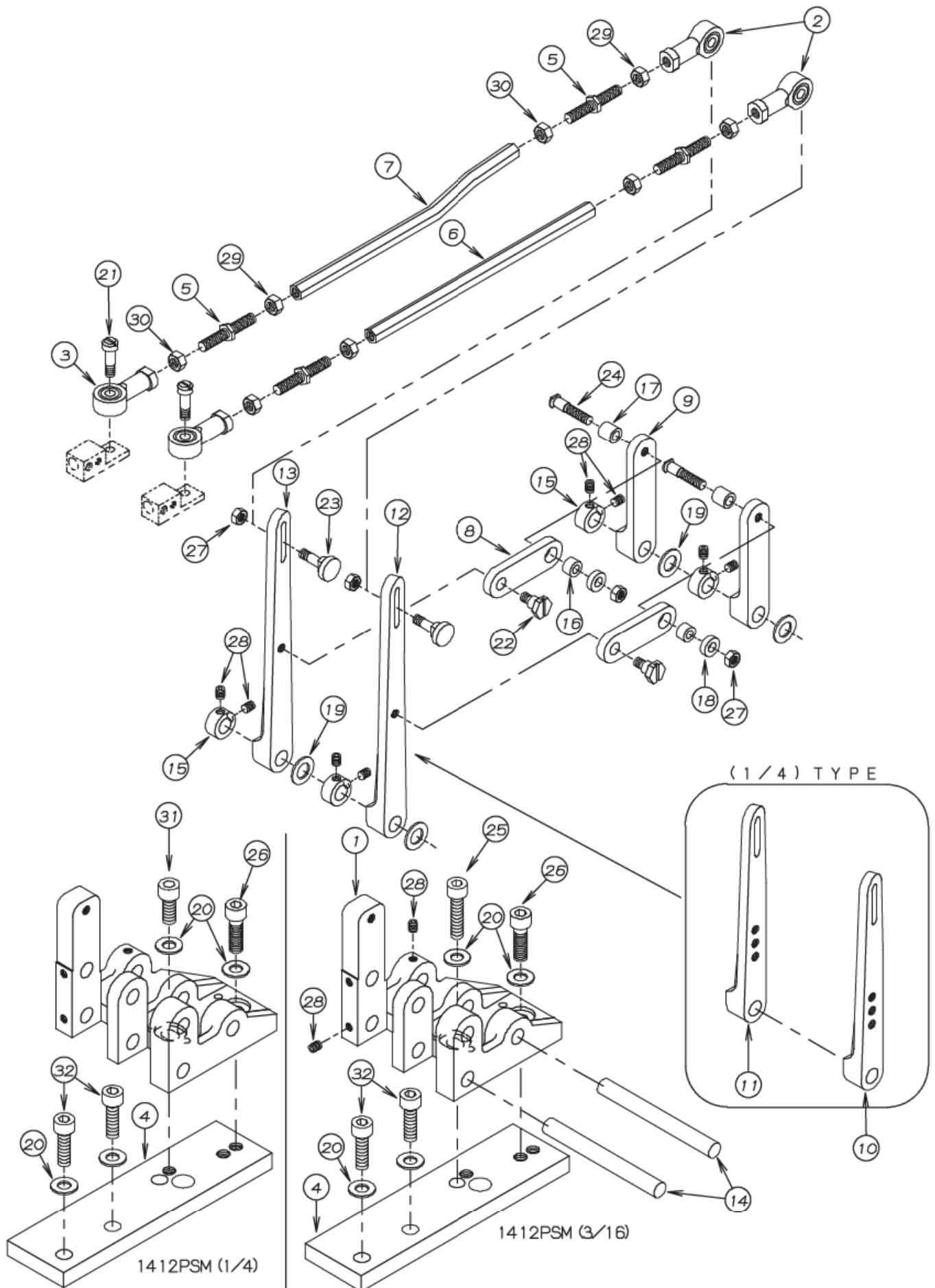
REF.NO.	PART NO.	DESCRIPTION	Q' TY
26-01	27-020	HEAD COVER	1
26-02	97-4150-0	HOLDER ASS'Y(3/16)	1
26-03	97-4151-0	HOLDER ASS'Y(1/4)	1

27. MODEL PSM EXCLUSIVE PARTS (1)



REF.NO.	PART NO.	DESCRIPTION	Q' TY
28-01	04-008	PIN	1
28-02	*	CAM1~13	1
28-03	04-408	WORM GEAR	1
28-04	04-409	WORM WHEEL	1
28-05	04-468	SPACE COLLAR	1
28-06	21-402	PULLEY COVER	1
28-07	21-412	HOUSING COVER	1
28-08	21-488	CAM COVER	1
28-09	21-489	PLATE	1
28-10	23-160	SEAL WASHER	2
28-11	23-189	O-RING	3
28-12	23-304	SEAL	1
28-13	23-384	FELT	1
28-14	23-412	GASKET	1
28-15	23-567	FELT	3
28-16	35-122	PIPE	1
28-17	35-315	TUBE	1
28-18	39-139	PIPE SUPPORT	1
28-19	69-320	GEAR HOUSING	1
28-20	71-208	PIN	2
28-21	71-266	PIN	1
28-22	71-706	SHAFT	1
28-23	71-942	SHAFT	1
28-24	75-112	COLLAR	2
28-25	75-181	CAM COLLAR (A)	1
28-26	75-184	SPACE COLLAR	1
28-27	75-332	WASHER	2
28-28	75-455	WASHER	10
28-29	75-527	SPRING WASHER	2
28-30	75-552	WASHER	2
28-31	77-160	LEVER	1
28-32	77-412	CHAIN GUIDE	1
28-33	81-690	BUSHING	4
28-34	84-361	SCREW	1
28-35	84-363	SCREW	2
28-36	84-566	SCREW	6
28-37	84-579	SCREW	3
28-38	85-522	SCREW	3
28-39	87-113	BOLT	1
28-40	87-171	BOLT	1
28-41	87-172	SCREW	8~10
28-42	87-173	BOLT	2
28-43	87-181	SCREW	1
28-44	87-254	SCREW	4
28-45	87-311	SCREW	1
28-46	88-452	NUT	1

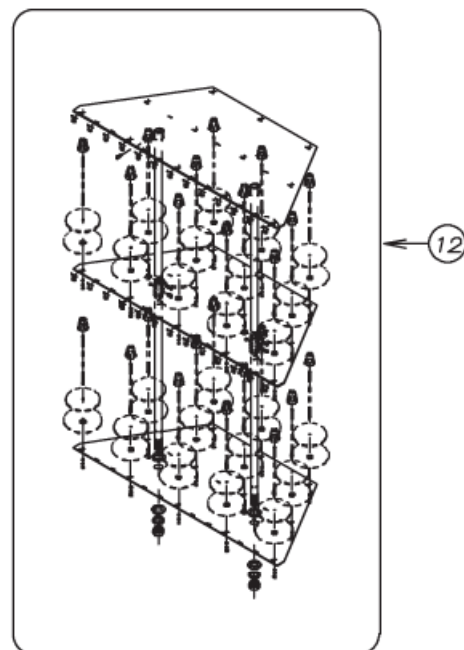
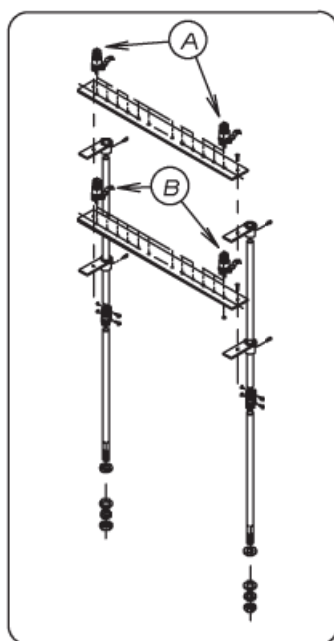
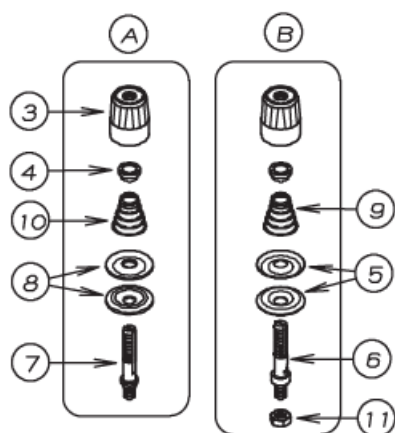
29. MODEL PSM EXCLUSIVE PARTS (3)



REF. NO.	PART NO.	DESCRIPTION	Q' TY
29-01	04-342	FLAME	1
29-02	04-348	ROD	2
29-03	04-349	ROD	2
29-04	04-411	PLATE	1
29-05	65-341	CONNECTING BAR	4
29-06	65-347	CONNECTING BAR	1
29-07	65-348	CONNECTING BAR	1
29-08	66-433	LINK	2
29-09	67-431	LEVER	2
29-10	67-434	LEVER	1
29-11	67-435	LEVER	1
29-12	67-436	LEVER	1
29-13	67-437	LEVER	1
29-14	71-529	SHAFT	2
29-15	75-152	COLLAR	4
29-16	75-257	LINK ROLLER	2
29-17	75-260	ROLLER	2
29-18	75-389	WASHER	2
29-19	75-519	WASHER	4
29-20	75-452	WASHER	4
29-21	84-587	SCREW	2
29-22	84-605	SCREW	2
29-23	84-606	SCREW	2
29-24	84-607	SCREW	2
29-25	87-188	BOLT	1
29-26	85-627	SCREW	1
29-27	86-311	NUT	4
29-28	87-181	SCREW	10
29-29	88-157	NUT	4
29-30	88-158	NUT	4
29-31	85-629	SCREW	1
29-32	87-173	BOLT	2

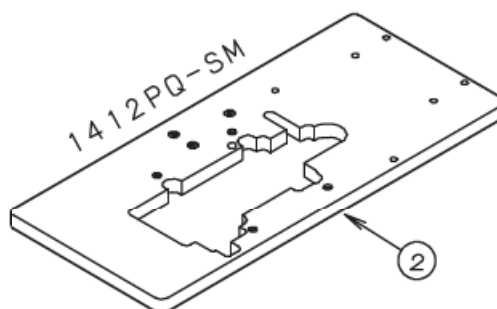
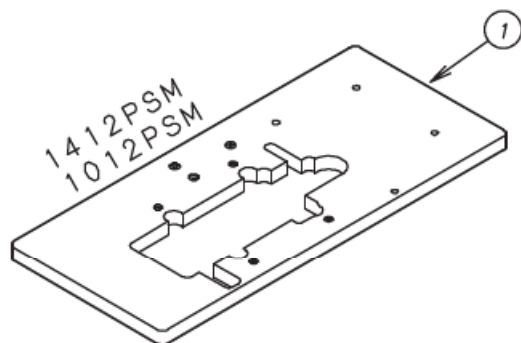
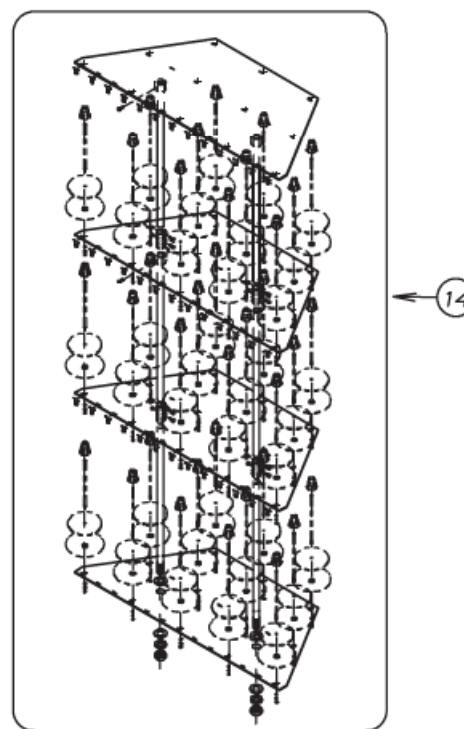
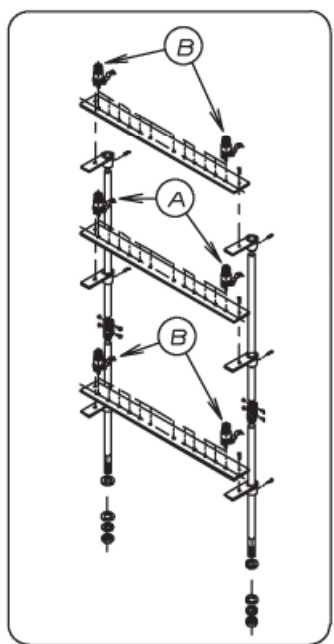
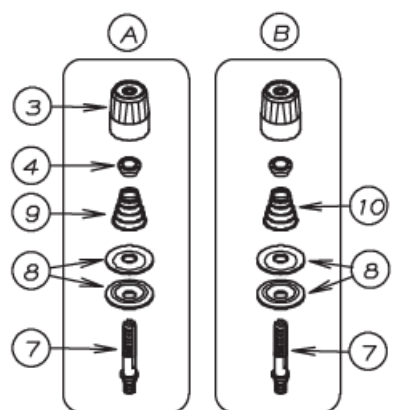
30. MODEL PSM EXCLUSIVE PARTS (4)

1012PSM



Only Available By Set No.

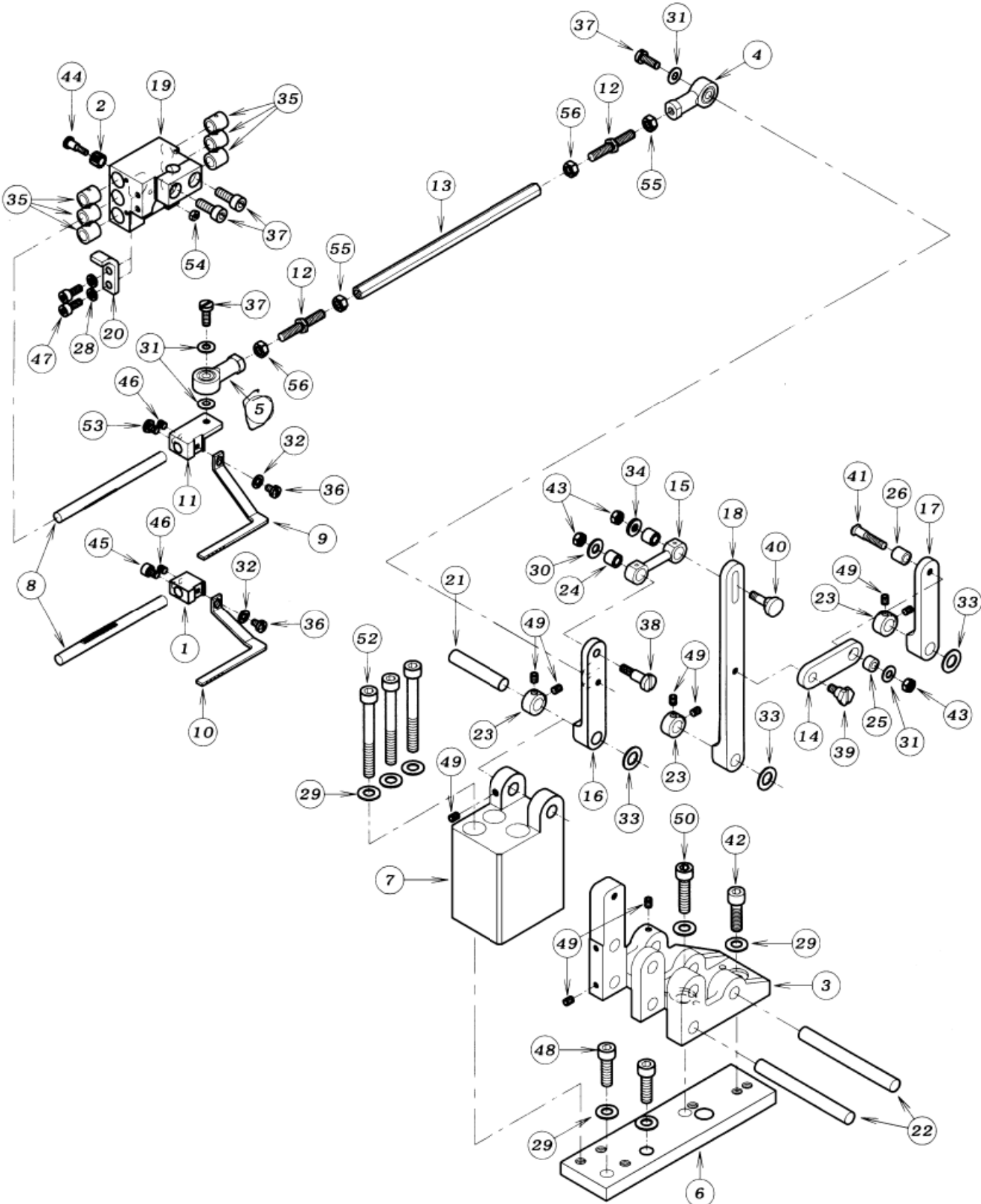
1412PSM
1412PQ-SM



REF.NO.	PART NO.	DESCRIPTION	Q' TY
30-01	21-048	TABLE	1
30-02	23-324	TELT	*
30-03	40-6501	THREAD STAND FOR MODEL 10412	1
30-04	40-6504	THREAD STAND FOR MODEL PSM	1
30-05	40-6505	THREAD STAND FOR MODEL 1012	1
30-06	40-6507	THREAD STAND FOR MODEL SW-40406	1
30-07	41-101	THREAD TENSION NUT	*
30-08	41-105	SPRING POST	*
30-09	41-107	SPRING CUP	*
30-10	41-110	TENSION DISC	*
30-11	41-522	SCREW STUD	*
30-12	41-523	SCREW STUD FOR ELASTIC THREAD	12
30-13	41-524	THREAD EYELET	*
30-14	41-701	SPRING(HEAVY)	12
30-15	41-702	SPRING (LIGHT)	*
30-16	88-157	NUT	*

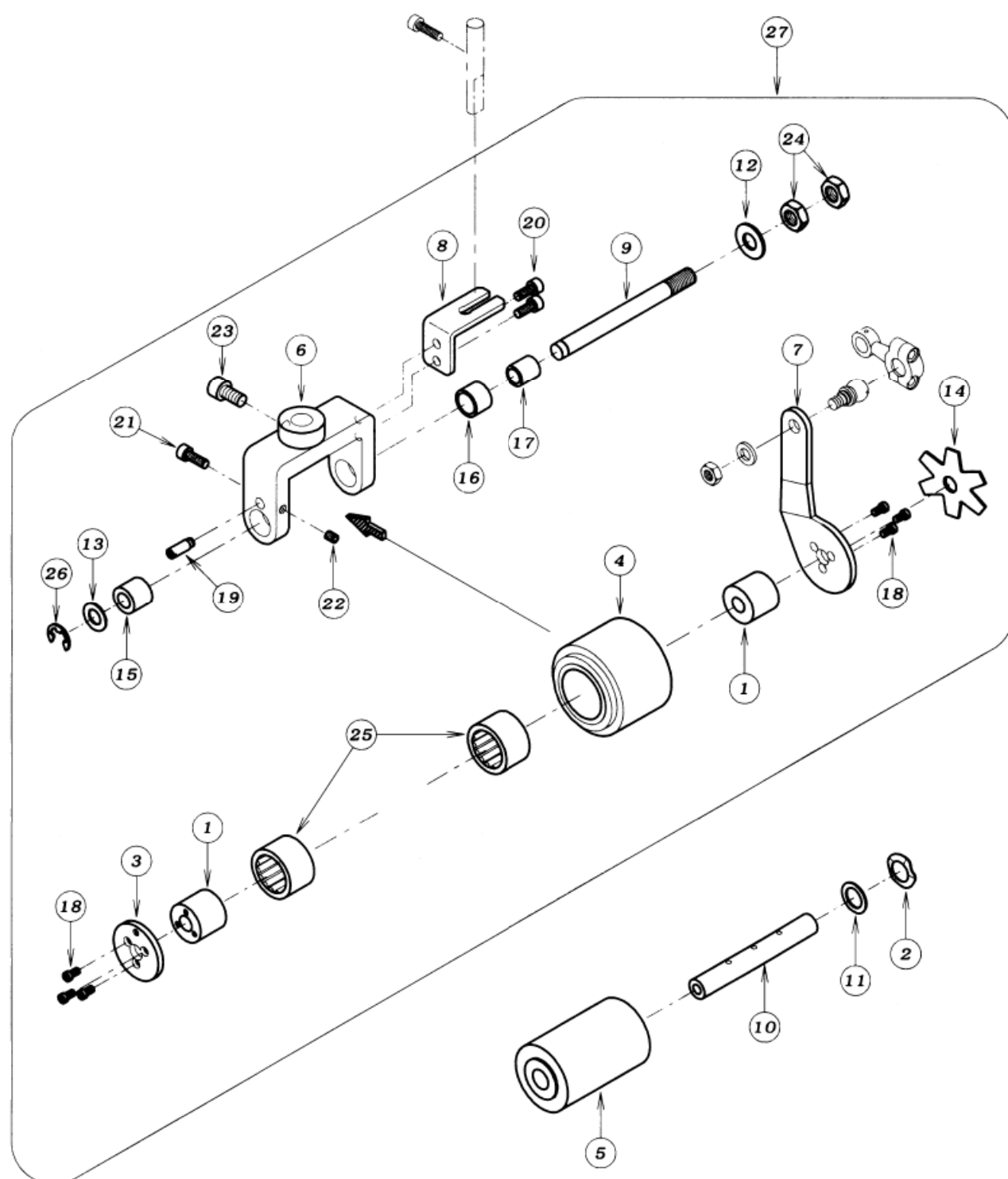
REF.NO.	PART NO.	DESCRIPTION	Q' TY
31-01	02-118	WASHER	2
31-02	04-015	PLATE	1
31-03	04-018	THREAD GUIDE	1
31-04	04-476	BRACKET	1
31-05	21-626	COVER	1
31-06	23-324	FELT	1
31-07	41-101	THREAD TENSION NUT	1
31-08	41-105	SPRING POST	1
31-09	41-107	SPRING CUP	1~2
31-10	41-110	TENSION DISC	1
31-11	41-113	TENSION POST SUPPORT	1
31-12	41-115	THREAD GUIDE	1
31-13	41-120	THREAD EYELET	1
31-14	41-123	TENSION POST HOLDER	1
31-15	41-132	COLLAR	1
31-16	41-136	RUBBER	1
31-17	41-341	BAR	2
31-18	41-429	BRACKET	3
31-19	41-430	BRACKET	1
31-20	41-461	BRACKET	1
31-21	41-508	SCREW STUD	2
31-22	41-509	TENSION DISC	2
31-23	41-510	SCREW STUD	2
31-24	41-701	SPRING (HEAVY)	1
31-25	41-702	SPRING (LIGHT)	2~3
31-26	45-123	THREAD EYELET	2~4
31-27	45-137	THREAD EYELET	3
31-28	45-342	THREAD EYELET	2
31-29	45-429	THREAD TAKE-UP PLATE	5
31-30	45-438	THREAD EYELET	2
31-31	45-441	THREAD EYELET	5
31-32	45-442	THREAD EYELET	1
31-33	45-523	THREAD EYELET	1
31-34	47-117	THREAD EYELET	1~2
31-35	47-176	THREAD EYELET	2
31-36	47-413	THREAD EYELET	2
31-37	71-426	SHAFT	1
31-38	75-455	WASHER	1
31-39	84-361	SCREW	1
31-40	84-374	SCREW	1
31-41	84-396	SCREW	2
31-42	84-521	SCREW	3
31-43	84-764	SCREW	1
31-44	84-765	SCREW	2
31-45	86-211	NUT	
31-46	86-411	NUT	1
31-47	87-113	BOLT	1
31-48	87-129	BOLT	
31-49	87-171	BOLT	1
31-50	87-177	BOLT	
31-51	87-272	SCREW	
31-52	87-293	SCREW	

32. MODEL 10403PSM EXCLUSIVE PARTS (2)

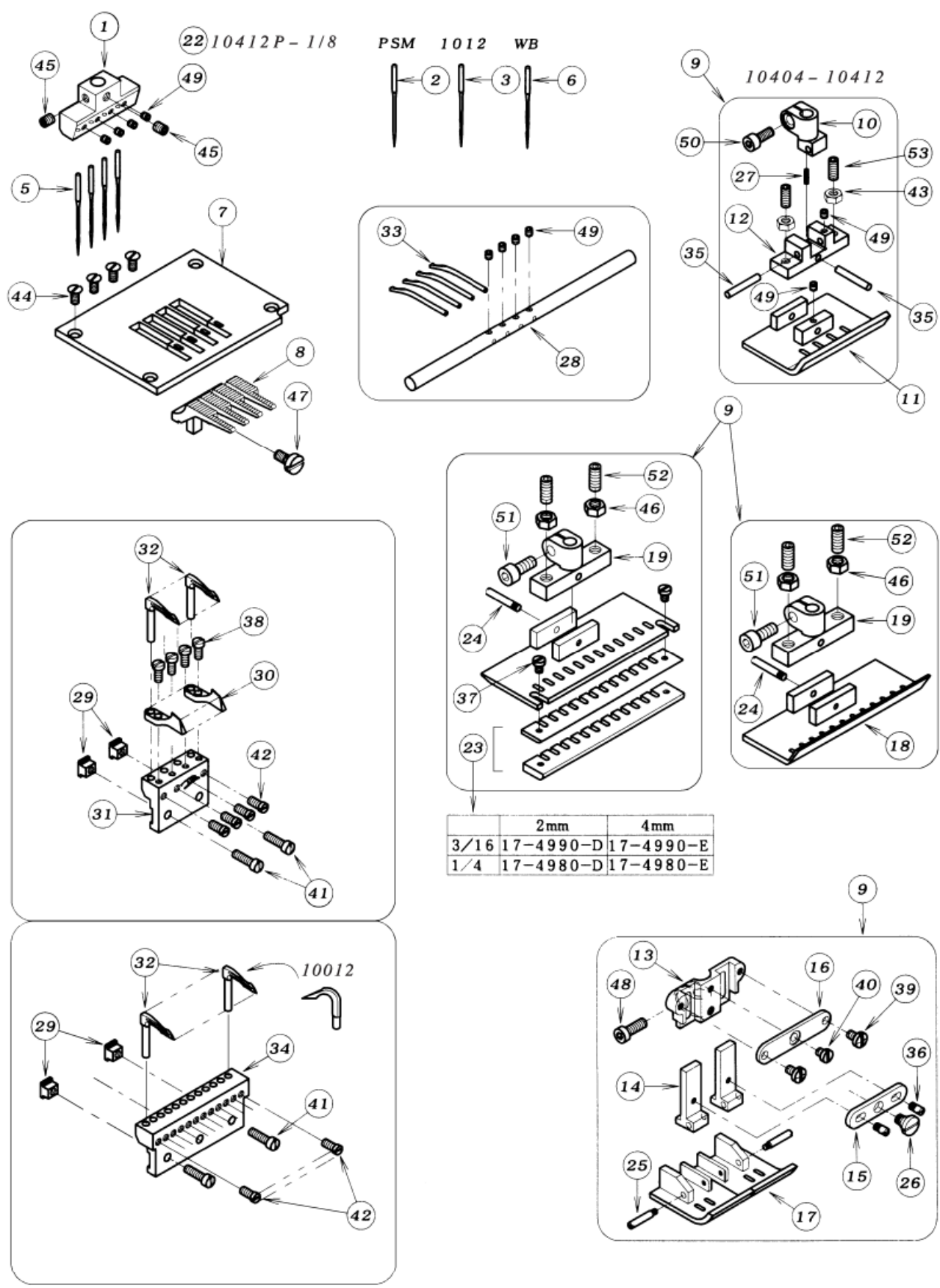


10412PSM (3/16)

33. MODEL 10403PSM EXCLUSIVE PARTS (3)



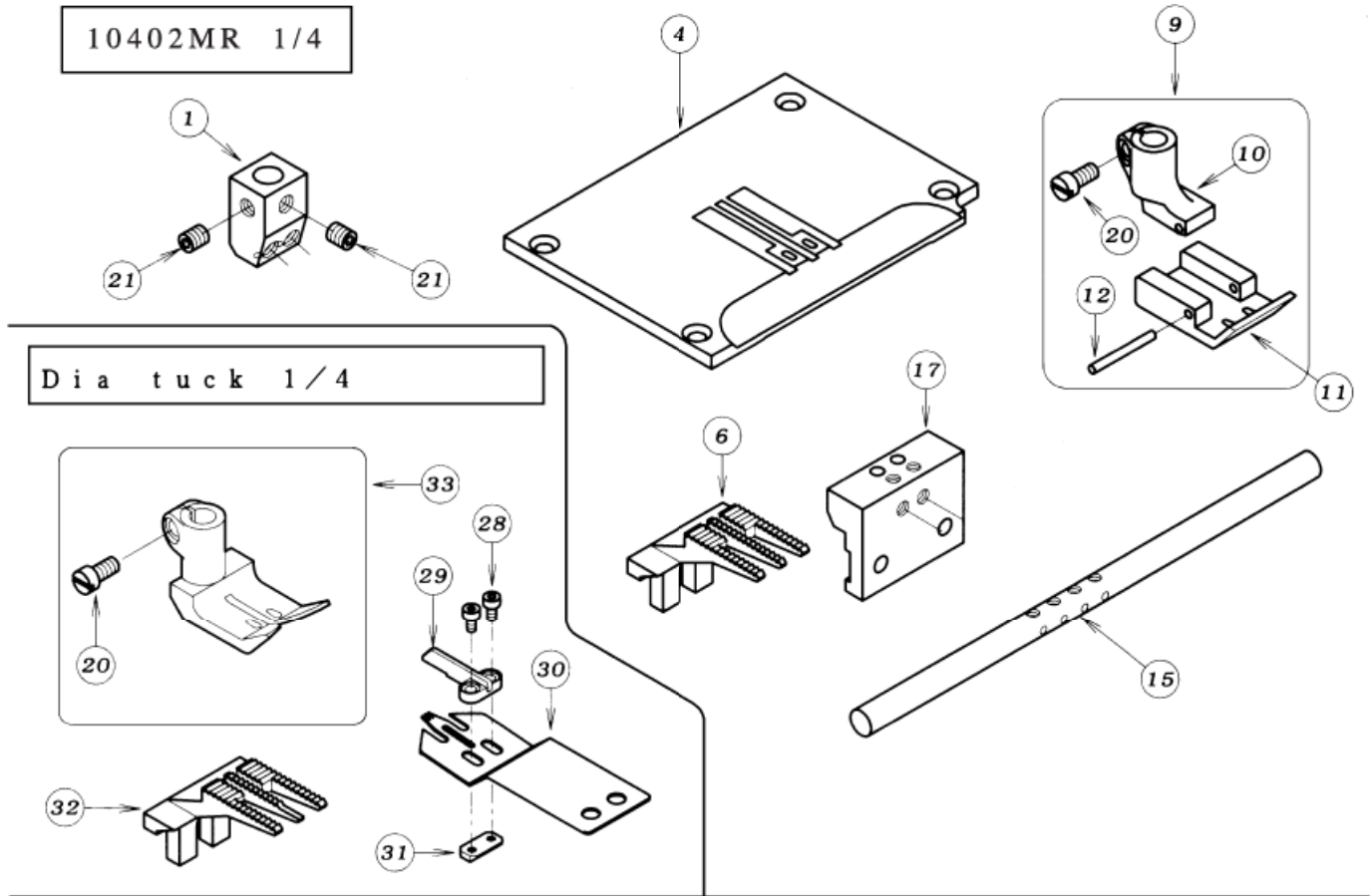
34. GAUGE PARTS (1)



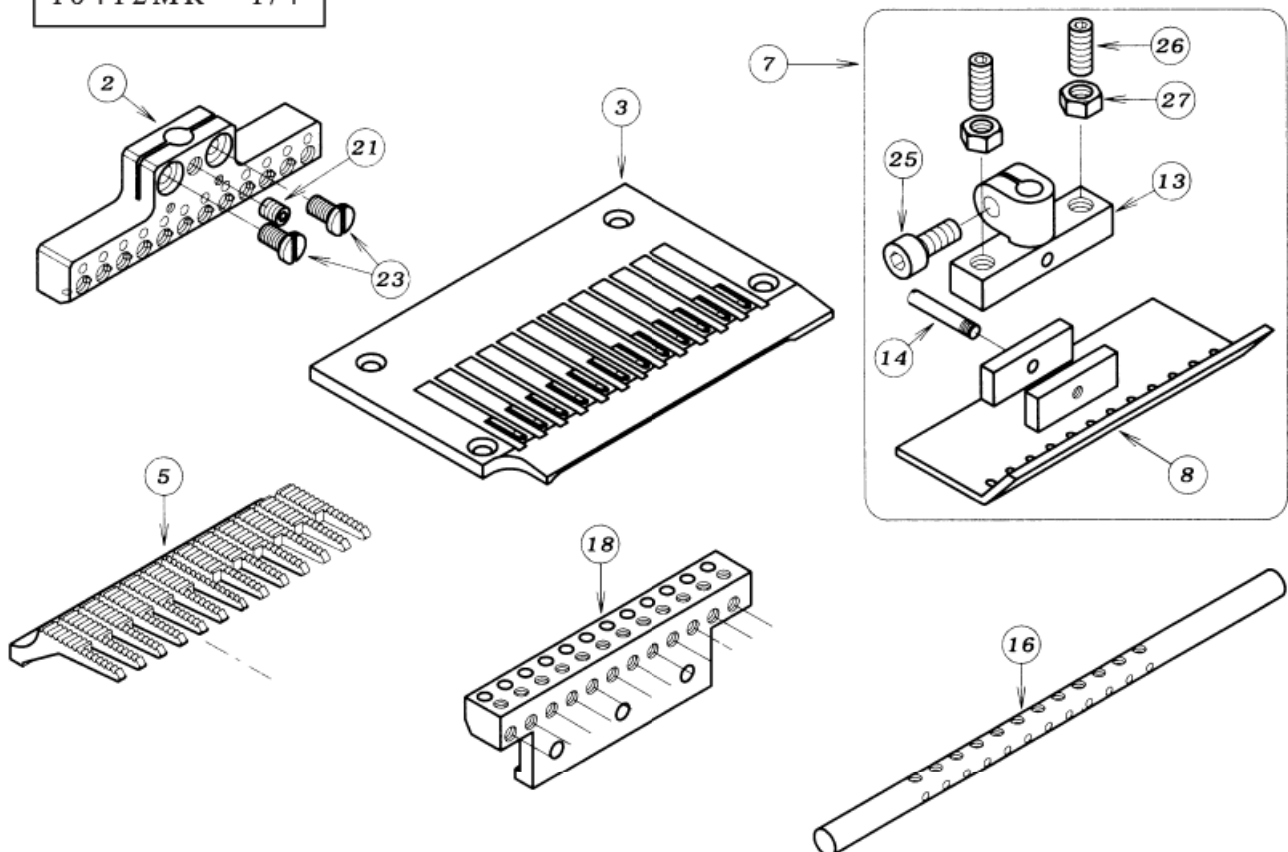
REF.NO.	PART NO.	DESCRIPTION	Q' TY
34-01	*	NEEDLE HOLDER	1
34-02	13-0840-5	NEEDLE	*
34-03	13-0810-5	NEEDLE	*
34-04			
34-05	13-1140-6	NEEDLE	*
34-06	13-1180-5	NEEDLE	*
34-07	*	NEEDLE PLATE	1
34-08	*	FEED DOG	1
34-09	*	PRESSER FOOT ASS'Y	1
34-10	17-3710-A	SHANK	1
34-11	*	BOTTOM	1
34-12	17-3710-C	BRACKET	1
34-13	17-4210-A	BRACKET	1
34-14	17-4210-C	BRACKET	2
34-15	17-4210-E	LINK PLATE	1
34-16	17-4210-G	SLIDE PLATE	1
34-17	*	BOTTOM	1
34-18	*	BOTTOM	1
34-19	17-4960-A	BRACKET	1
34-20			
34-21	*	BOTTOM	1
34-22	87-013	SCREW	12
34-23	*	FRONT GUIDE	1
34-24	17-5700-C	SCREW	1
34-25	17-5810-D	PIN	2
34-26	17-5810-F	SCREW	1
34-27	17-8910-F	SPRING	1
34-28	*	RETAINER LOOPER	1
34-29	19-406	BRACKET	*
34-30	19-416	NEEDLE GUARD	*
34-31	*	LOOPER HOLDER	1
34-32	*	LOOPER	*
34-33	*	RETAINER LOOPER	*
34-34	*	LOOPER HOLDER	1
34-35	71-215	PIN	2
34-36	84-114	SCREW	2
34-37	84-161	SCREW	2
34-38	84-164	SCREW	*
34-39	84-361	SCREW	2
34-40	84-364	SCREW	1
34-41	84-367	SCREW	*
34-42	84-380	SCREW	*
34-43	88-146	NUT	2
34-44	84-464	SCREW	4
34-45	84-521	SCREW	2
34-46	88-160	NUT	2
34-47	84-588	SCREW	1
34-48	84-591	BOLT	1
34-49	87-104	SCREW	*
34-50	87-113	BOLT	1
34-51	87-252	BOLT	1
34-52	87-279	SCREW	2
34-53	87-289	SCREW	2

35. GAUGE PARTS (2)

10402MR 1/4



10412MR 1/4



37. GAUGE PARTS TABLE (1)

Model	Type	Gauge	Needle Holder	Presser Foot Ass` Y	Feed Dog	Needle Plate	Retainer Holder	Retainer Looper	Looper	Looper Holder	Needle Guard
10402	MR Dia tuck	1/4	12-4090-1	17-4150-1	15-415	14-415	18-418			19-413	
		1/4	12-4090-1	17-0510-1	15-051	14-415	18-418			19-413	
		3/4	12-4180-1	17-3750-1	15-418	14-418	18-418			19-418	
		1	12-4210-1	17-3710-1	15-421	14-421	18-421			19-421	
10404	P PMD	1-1/8	12-4220-1	17-3720-1	15-422	14-422	18-422			19-422	19-416
		1-1/4	12-4230-1	17-3730-1	15-423	14-423	18-423			19-423	
		1-1/2	12-4240-1	17-3740-1	15-424	14-424	18-424			19-424	
		1/4-1/2-1/4	12-4280-1	17-4280-1	15-428	14-428	18-428			19-428	
		3/16	12-4420-1	17-3890-1	15-442	14-442	18-442	19-437	19-431	19-442	
		1/4	12-4430-1	17-3900-1	15-443	14-443	18-443			19-443	
10406	P	1/3	12-4400-1	17-4400-1	15-440	14-440	18-440			19-440	
		3/8	12-4540-1	17-3910-1	15-454	14-454	18-454			19-454	19-416
		1/4	12-4650-1	17-3930-1	15-465	14-465	18-465			19-465	
		1/4	12-4700-1	17-3940-1	15-470	14-470	18-470			19-470	
		3/16	12-1990-1	17-3970-1	15-497	14-497	18-497			19-497	
		1/4	12-4980-1	17-3960-1	15-496	14-496	18-496			19-496	19-416
10412	PL	5mm	12-0450-1	17-3980-1	15-045	14-045	18-045			19-045	
		1/8	12-4780-1	17-4780-1	15-480	14-480	18-480		19-433	19-414	
		1/4	12-4430-1	17-4480-1	15-443	14-443	18-443			19-443	
		1/3	12-4400-1	17-4390-1	15-440	14-440	18-440			19-440	
		3/8	12-4540-1	17-4490-1	15-454	14-454	18-454		19-431	19-454	19-416
		1/4	12-4650-1	17-4640-1	15-465	14-465	18-465			19-465	
10412	P	1/4	12-4980-1	17-4940-1	15-496	14-496	18-496			19-496	
		3/16	12-4990-1	17-4950-1	15-497	14-497	18-497			19-497	
		3/16	12-4990-1	17-3970-1	15-497	14-497			19-112	19-497	
		1/4	12-4980-1	17-3960-1	15-496	14-496				19-496	19-416
		3/16-3/4-3/16	12-4260-1	17-3760-1	15-426	14-426	18-426			19-426	
		1/4-3/4-1/4	12-4270-1	17-3770-1	15-427	14-427	18-427			19-427	19-416
10404	PSF	3/16-1-3/16	12-4300-1	17-3820-1	15-432	14-432	18-432			19-430	
		1/4-1-1/4	12-4290-1	17-3810-1	15-431	14-431	18-431	19-437	19-431	19-429	19-416
		3/16-3/4-3/16	12-4260-1	17-4260-1	15-426	14-426	18-426			19-426	
		1/4-3/4-1/4	12-4270-1	17-4270-1	15-427	14-427	18-427			19-427	19-416
		3/16-1-3/16	12-4300-1	17-4320-1	15-432	14-432	18-432			19-430	
		1-4-1-1/4	12-4290-1	17-4310-1	15-431	14-431	18-431			19-429	19-416

INDEX 2

REF.NO.	PART NO.	REF.NO.	PART NO.	REF.NO.	PART NO.	REF.NO.	PART NO.	REF.NO.	PART NO.	REF.NO.	PART NO.
11-09	30-0120	18-07	41-105	18-11	41-702	22-29	47-408	09-12	66-116	24-25	71-362
11-31	30-0121	22-04	41-105	22-12	41-702	04-10	47-409	15-21	66-131	27-25	71-370
11-10	31-151	25-08	41-105	25-12	41-702	22-30	47-409	24-20	66-131	32-21	71-423
11-11	31-152	30-08	41-105	30-15	41-702	03-20	47-413	29-08	66-433	31-37	71-426
11-12	31-153	31-08	41-105	31-25	41-702	04-11	47-413	32-14	66-433	08-12	71-431
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