

SINGER
412U141AA,BA,GA,541AA,BA,GA

ILLUSTRATED PARTS LIST

FOR SINGER®

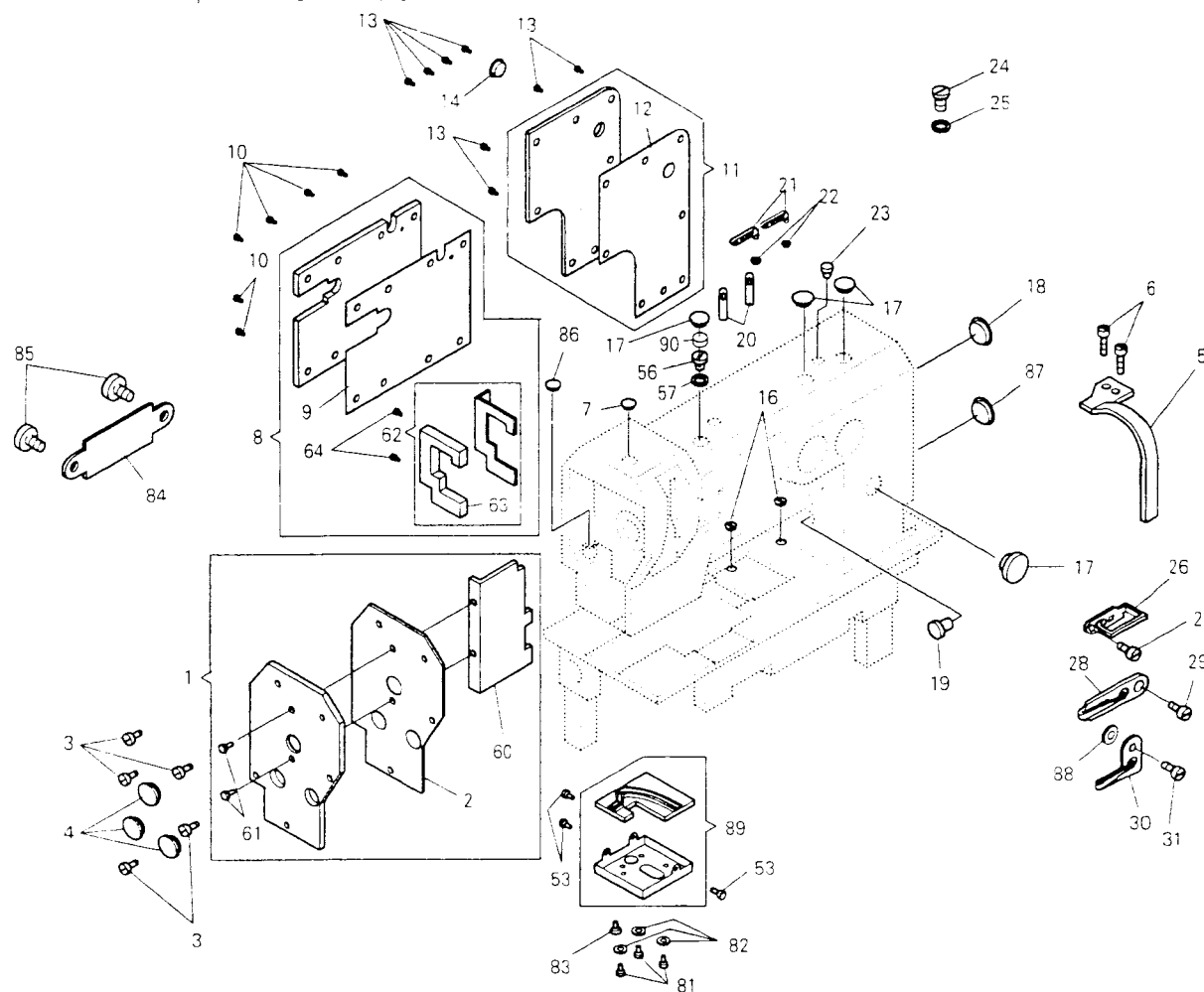
MACHINES

412U	141AA
	141BA
	141GA
	541AA
	541BA
	541GA

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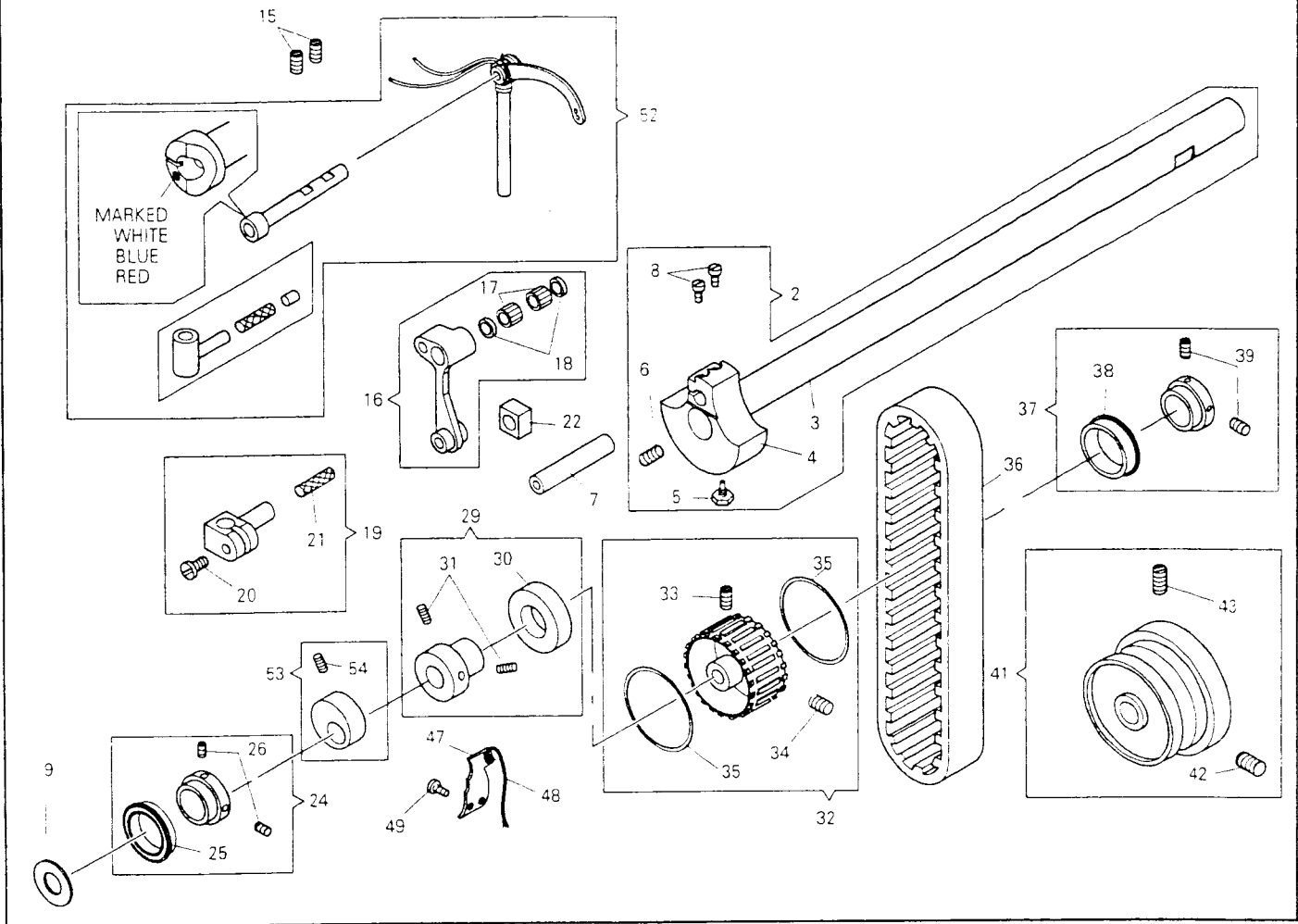
FACE PLATE, ARM SIDE COVER



NO	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552866-467	*	*	*	*	*	*	1	FACE PLATE AND FACE PLATE PACKING COMP.
1	554430-467	-	*	*	*	*	*	1	FACE PLATE AND FACE PLATE PACKING COMP.
2	554309	*	*	*	*	*	*	1	FACE PLATE PACKING
3	544217-052	*	*	*	*	*	*	5	FACE PLATE SCREW
4	368063	*	*	*	*	*	*	3	FACE PLATE PLUG
5	552410-467	*	*	*	*	*	*	1	TAKE-UP LEVER GUARD
5	552923-467	-	-	-	-	-	-	1	TAKE-UP LEVER GUARD
6	544217-052	*	*	*	*	*	*	2	TAKE-UP LEVER GUARD SCREW
7	418384-452	*	*	*	*	*	*	1	ARM HOLE PLUG (NEEDLE BAR HOLE)
8	554450	*	*	*	*	*	*	1	ARM SIDE COVER (SMALL) AND ARM SIDE COVER (SMALL) GASKET COMP.
9	554308	*	*	*	*	*	*	1	ARM SIDE COVER (SMALL) GASKET
10	544217-052	*	*	*	*	*	*	6	ARM SIDE COVER (SMALL) SCREW
11	552867	*	*	*	*	*	*	1	ARM SIDE COVER (LARGE) AND ARM SIDE COVER (LARGE) GASKET COMP.
12	554310	*	*	*	*	*	*	1	ARM SIDE COVER (LARGE) PACKING
13	544217-052	*	*	*	*	*	*	8	ARM SIDE COVER (LARGE) SCREW
13	544217-052	-	*	-	-	-	-	7	ARM SIDE COVER (LARGE) SCREW
13	544217-004	-	*	-	-	-	-	1	ARM SIDE COVER (LARGE) SCREW
14	368063-392	*	*	*	*	*	*	1	ARM SIDE COVER (LARGE) HOLE PLUG
16	549230	*	*	*	*	*	*	2	BED OIL HOLE PLUG
17	544875-392	*	*	*	*	*	*	4	ARM HOLE PLUG
18	552835	*	*	*	*	*	*	1	ARM HOLE PLUG (BACK)
19	552833	*	*	*	*	*	*	1	ARM HOLE PLUG (FEED REVERSE LEVER HINGE STUD HOLE)
20	509552	*	*	*	*	*	*	2	THREAD GUIDE STUD
21	411092	*	*	*	*	*	*	2	THREAD RETAINER (4-HOLES)
22	541130	*	*	*	*	*	*	2	THREAD RETAINER (4-HOLES) NUT
23	375014-452	*	*	*	*	*	*	1	ARM HOLE PLUG (SMALL)
24	544212-003	*	*	*	*	*	*	1	EARTH WIRE SCREW
25	543803-003	*	*	*	*	*	*	1	EARTH WIRE SCREW WASHER
26	552415	*	*	*	*	*	*	1	THREAD GUIDE (UPPER)
27	544347	*	*	*	*	*	*	1	THREAD GUIDE (UPPER) SCREW
28	267316	*	*	*	*	*	*	1	THREAD GUIDE (MIDDLE)
29	544347	*	*	*	*	*	*	1	THREAD GUIDE (MIDDLE) SCREW

NO	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
30	224040	*	*	*	*	*	*	1	THREAD GUIDE (LOWER)
31	544347	*	*	*	*	*	*	1	THREAD GUIDE (LOWER) SCREW
53	544217-051	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME COVER SCREW
56	545036	*	*	*	*	*	*	1	TAKE-UP LEVER OIL HOLE CAP SCREW
57	545754	*	*	*	*	*	*	1	TAKE-UP LEVER OIL HOLE CAP SCREW
60	554492	-	*	-	-	-	-	1	FACE PLATE OIL GUARD
61	544211-002	-	*	-	-	-	-	2	FACE PLATE OIL GUARD SCREW
62	554451	*	*	*	*	*	*	1	ARM SIDE COVER (SMALL) OIL GUARD COMP.
63	554686	*	*	*	*	*	*	1	ARM SIDE COVER (SMALL) OIL GUARD OIL SEAL
64	544211-002	*	*	*	*	*	*	2	ARM SIDE COVER (SMALL) OIL GUARD SCREW
81	374497-001	*	*	*	*	*	*	3	NEEDLE BAR ROCK FRAME COVER SCREW
82	548054	*	*	*	*	*	*	3	NEEDLE BAR ROCK FRAME COVER SCREW WASHER
83	374583-002	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME COVER SCREW
84	554640	*	-	-	-	-	-	1	ARM SIDE COVER
85	544217-052	*	-	-	-	-	-	2	ARM SIDE COVER SCREW
86	418384-452	*	-	-	-	-	-	1	ARM HOLE PLUG
87	502760	*	*	*	*	*	*	1	ARM HOLE PLUG
88	543875-005	*	*	*	*	*	*	1	FEED REGULATOR SHAFT HOLE
89	554376	*	*	*	*	*	*	1	THREAD GUIDE (LOWER) SPACER
90	204329	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME COVER COVER PACKING COMP.
									TAKE-UP LEVER OIL PAD (FELT)

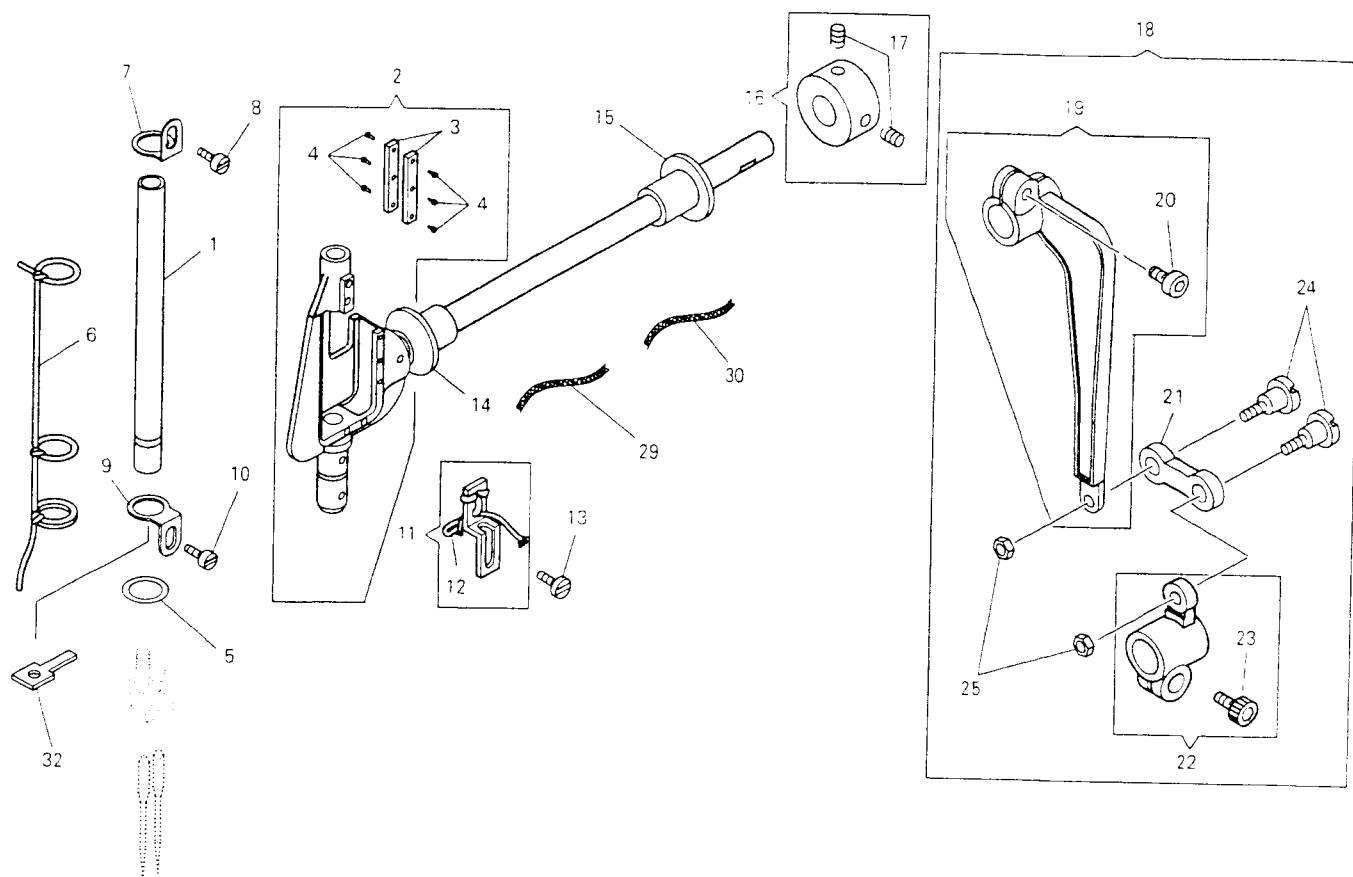
TAKE-UP LEVER, ARM SHAFT, MACHINE PULLEY



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
2	554812	*	*	*	*	*	*	1	ARM SHAFT NEEDLE BAR CRANK COMP.
2	554815	*	*	*	*	*	*	1	ARM SHAFT NEEDLE BAR CRANK COMP.
3	554323	*	*	*	*	*	*	1	ARM SHAFT
4	554813	*	*	*	*	*	*	1	NEEDLE BAR CRANK
4	554816	*	*	*	*	*	*	1	NEEDLE BAR CRANK
5	374100	*	*	*	*	*	*	1	NEEDLE BAR CRANK POSITION SCREW
6	504095	*	*	*	*	*	*	1	NEEDLE BAR CRANK SET SCREW
7	554693	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING LINK STUD
8	544448	*	*	*	*	*	*	2	NEEDLE BAR CONNECTING LINK STUD PINCH SCREW
9	554325	*	*	*	*	*	*	1	NEEDLE BAR CRANK FRICTION WASHER
15	544209-006	*	*	*	*	*	*	2	TAKE-UP LEVER HINGE STUD SET SCREW
16	554327	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING LINK COMP.
17	502964	*	*	*	*	*	*	2	NEEDLE BAR CONNECTING LINK BEARING
18	554329	*	*	*	*	*	*	2	NEEDLE BAR CONNECTING LINK BEARING
19	552428	*	*	*	*	*	*	1	BEARING RETAINING RING
20	545071	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING STUD COMP.
21	202330	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING STUD PINCH SCREW
22	552429	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING STUD SLIDE BLOCK
24	554334	*	*	*	*	*	*	1	ARM SHAFT BALL BEARING (FRONT) COMP.
25	554335	*	*	*	*	*	*	1	ARM SHAFT BALL BEARING (FRONT)
26	544209-005	*	*	*	*	*	*	2	ARM SHAFT BALL BEARING INSIDE COLLAR SET SCREW
29	554851	*	*	*	*	*	*	1	ARM SHAFT BALL BEARING (MIDDLE) COMP.
30	554835	*	*	*	*	*	*	1	ARM SHAFT BALL BEARING (MIDDLE)
31	544207-012	*	*	*	*	*	*	2	ARM SHAFT BALL BEARING INSIDE COLLAR SET SCREW
32	554336	*	*	*	*	*	*	1	ARM SHAFT CONNECTION BELT PULLEY COMP.
33	544322	*	*	*	*	*	*	1	ARM SHAFT CONNECTION BELT PULLEY SET SCREW
34	555036	*	*	*	*	*	*	1	ARM SHAFT CONNECTION BELT PULLEY POSITION SCREW

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
35	202253	*	*	*	*	*	*	2	ARM SHAFT CONNECTION BELT PULLEY SPRING FLANGE
36	267161	*	*	*	*	*	*	1	ARM SHAFT CONNECTION BELT
37	554783	*	*	*	*	*	*	1	ARM SHAFT BALL BEARING (BACK) COMP.
38	554784	*	*	*	*	*	*	1	ARM SHAFT BALL BEARING (BACK)
39	544209-005	*	*	*	*	*	*	2	ARM SHAFT BALL BEARING INSIDE COLLAR SET SCREW
41	554656-383	*	*	*	*	*	*	1	MACHINE PULLEY COMP.
41	555133-467	*	*	*	*	*	*	1	MACHINE PULLEY COMP.
42	141566	*	*	*	*	*	*	1	MACHINE PULLEY POSITION SCREW
43	141567-833	*	*	*	*	*	*	1	MACHINE PULLEY SET SCREW
47	554341	*	*	*	*	*	*	1	TAKE-UP LEVER OIL GUARD
48	555055	*	*	*	*	*	*	1	TAKE-UP LEVER OIL GUARD OIL WICK
49	545114	*	*	*	*	*	*	1	TAKE-UP LEVER OIL GUARD SCREW
52	555172-000	*	*	*	*	*	*	1	TAKE-UP LEVER, TAKE-UP LEVER
									DRIVING STUD, TAKE-UP LEVER HINGE STUD COMP.
									-001 (MARKED WHITE)
									-002 (MARKED BLUE)
									-003 (MARKED RED)
52	555180-000	*	*	*	*	*	*	1	TAKE-UP LEVER, TAKE-UP LEVER HINGE STUD COMP.
									-001 (MARKED WHITE)
									-002 (MARKED BLUE)
									-003 (MARKED RED)
53	554597	*	*	*	*	*	*	1	ARM SHAFT BALANCER COMP.
54	544209-006	*	*	*	*	*	*	1	ARM SHAFT BALANCER SET SCREW

NEEDLE BAR, NEEDLE BAR ROCK FRAME



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	412175	*	*	*	*	*	*	1	NEEDLE BAR
2	552435	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME COMP
3	554358	*	*	*	*	*	*	2	NEEDLE BAR ROCK FRAME WEAR PLATE
4	544377	*	*	*	*	*	*	6	NEEDLE BAR ROCK FRAME WEAR PLATE SCREW
5	543871-012	*	*	*	*	*	*	1	NEEDLE BAR OIL GUARD
6	554862	*	*	*	*	*	*	1	NEEDLE BAR OIL WICK
7	552440	*	*	*	*	*	*	1	NEEDLE BAR OIL WICK RETAINER (UPPER)
8	544376	*	*	*	*	*	*	1	NEEDLE BAR OIL WICK RETAINER (UPPER) SCREW
9	554531	*	*	*	*	*	*	1	NEEDLE BAR OIL WICK RETAINER (LOWER)
10	544376	*	*	*	*	*	*	1	NEEDLE BAR OIL WICK RETAINER (LOWER) SCREW
11	554343	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING LINK OIL WICK RETAINER COMP.
12	554344	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING LINK OIL WICK
13	544376	*	*	*	*	*	*	1	NEEDLE BAR CONNECTING LINK OIL WICK RETAINER SCREW
14	554635	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT BUSHING (FRONT)
15	554636	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT BUSHING (BACK)
16	552443	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT COLLAR COMP
17	544204-001	*	*	*	*	*	*	2	NEEDLE BAR ROCK FRAME ROCK SHAFT COLLAR SCREW
18	554637	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT CONNECTION, CRANK AND LINK COMP.
19	554638	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT CONNECTION COMP

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
20	374108-009	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT CONNECTION PINCH SCREW
21	552448	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT CRANK LINK
22	552449	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT CRANK COMP
23	374108-009	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT CRANK PINCH SCREW
24	374547	*	*	*	*	*	*	2	NEEDLE BAR ROCK FRAME ROCK SHAFT CRANK LINK HINGE SCREW
25	541168-003	*	*	*	*	*	*	2	NEEDLE BAR ROCK FRAME ROCK SHAFT CRANK LINK HINGE SCREW NUT
26	554465-002	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT BUSHING (FRONT) OIL WICK
27	554466-003	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME ROCK SHAFT BUSHING (BACK) OIL WICK
28	554858	*	*	*	*	*	*	1	NEEDLE BAR ROCK FRAME FELT

PRESSER BAR, PRESSER BAR LIFTER

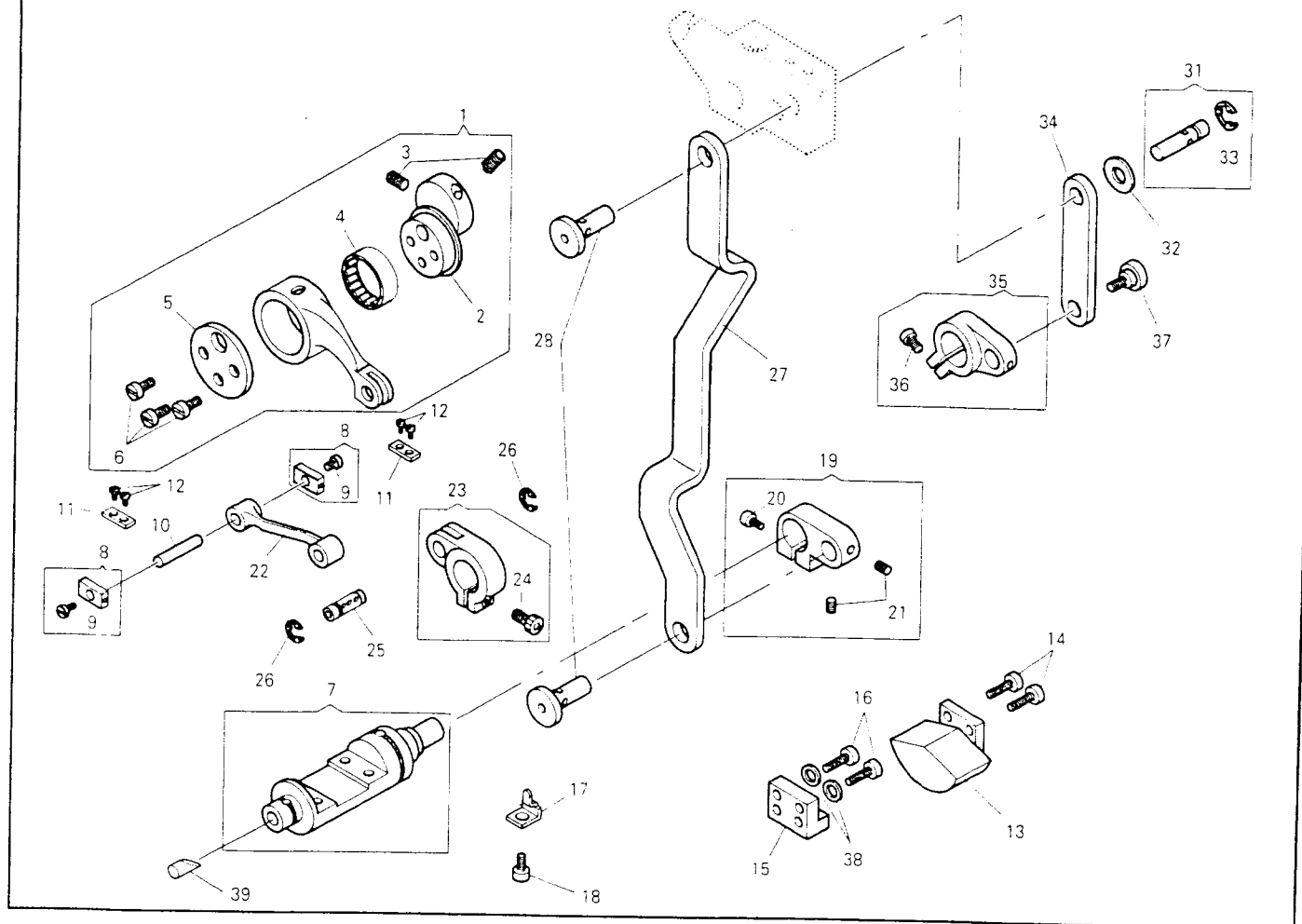
This technical diagram illustrates the assembly of a Presser Bar and Presser Bar Lifter. The components are numbered as follows:

- 1: Long screw
- 2: Washer
- 3: Spring
- 4: Long pin
- 5: Bracket
- 6: Pin
- 7: Pin
- 8: Pin
- 9: Pin
- 10: Pin
- 14: Pin
- 15: Pin
- 16: Lever
- 17: Pin
- 18: Pin
- 19: Pin
- 20: Lever
- 21: Pin
- 22: Pin
- 23: Pin
- 24: Bracket
- 25: Pin
- 26: Pin
- 27: Bracket
- 28: Pin
- 29: Pin
- 30: Pin
- 31: Presser Bar
- 32: Pin
- 33: Pin
- 34: Pin
- 35: Pin
- 36: Pin
- 37: Pin

NO	PART NO	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552859	*	*	*	*	*	*	1	PRESSURE REGULATING SCREW
2	376424-383	*	*	*	*	*	*	1	PRESSURE REGULATING SCREW LOCK NUT
3	552454	*	*	*	*	*	*	1	PRESSER BAR SPRING
4	552455	*	*	*	*	*	*	1	PRESSURE REGULATING SCREW
5	552452	*	*	*	*	*	*	1	GUIDE ROD
6	545295	*	*	*	*	*	*	1	PRESSER BAR POSITION GUIDE LEVER COMP.
7	552451	*	*	*	*	*	*	1	PRESSER BAR POSITION GUIDE LEVER PINCH SCREW
8	500256	*	*	*	*	*	*	1	PRESSER BAR
9	554407	*	*	*	*	*	*	1	PRESSER FOOT SCREW
10	544205-002	*	*	*	*	*	*	1	PRESSER BAR BUSHING
14	202337	*	*	*	*	*	*	1	PRESSER BAR BUSHING SET SCREW
15	544205-002	*	*	*	*	*	*	1	PRESSER BAR POSITION GUIDE
16	552456	*	*	*	*	*	*	1	PRESSER BAR POSITION GUIDE SET SCREW
17	374541	*	*	*	*	*	*	1	PRESSER BAR LIFTER
18	552457	*	*	*	*	*	*	1	PRESSER BAR LIFTER HINGE SCREW
19	374108-001	*	*	*	*	*	*	1	PRESSER BAR LIFTER ARM COMP.
20	552459	*	*	*	*	*	*	1	PRESSER BAR LIFTER ARM PINCH SCREW
21	545356	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER LIFTING ROD
22	552460	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER LIFTING ROD SCREW
23	552462	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER COMP.
24	541166-001	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER BALL STUD
25	374559	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER BALL STUD LOCK NUT
26	417113	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER SCREW
27	552464	*	*	*	*	*	*	1	KNEE LIFTER ROCK LEVER SPRING
28	374108-009	*	*	*	*	*	*	1	KNEE LIFTER SHAFT DRIVING ARM COMP.
29	552466	*	*	*	*	*	*	1	KNEE LIFTER SHAFT DRIVING ARM PINCH SCREW
		*	*	*	*	*	*	1	KNEE LIFTER SHAFT BUSHING

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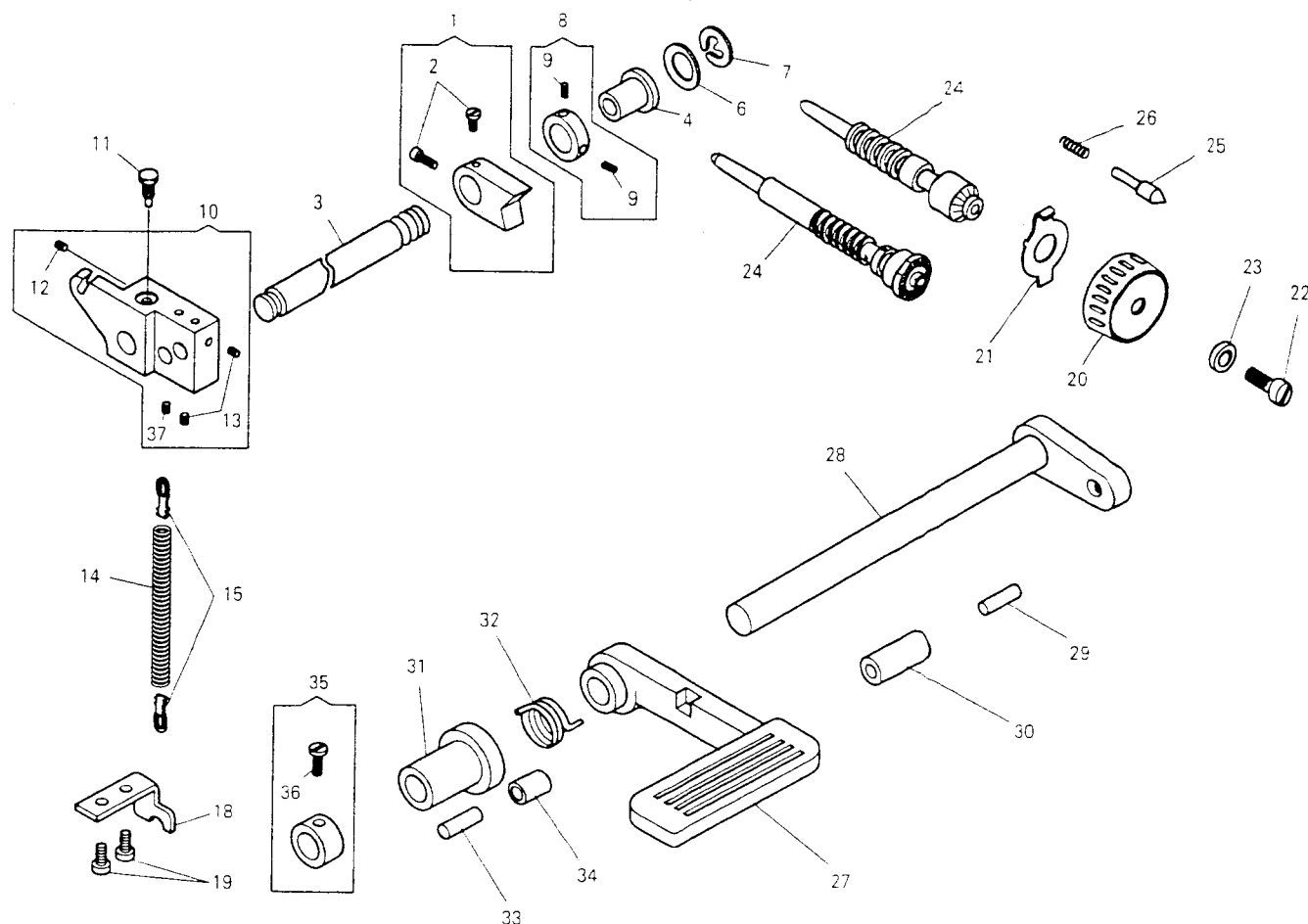
FEED MECHANISM (FEED ROCK SHAFT DRIVING FRAME)



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552477	*	*	*	*	*	*	1	FEED DRIVING ECCENTRIC AND FEED DRIVING ECCENTRIC CONNECTION COMP.
2	552478	*	*	*	*	*	*	1	FEED DRIVING ECCENTRIC
3	544209-005	*	*	*	*	*	*	2	FEED DRIVING ECCENTRIC SET SCREW
4	552479	*	*	*	*	*	*	1	FEED DRIVING ECCENTRIC CONNECTION BEARING
5	552481	*	*	*	*	*	*	1	FEED DRIVING ECCENTRIC CONNECTION BEARING RETAINING PLATE
6	544212-051	*	*	*	*	*	*	3	FEED DRIVING ECCENTRIC CONNECTION BEARING RETAINING PLATE SCREW
7	552482	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME COMP.
8	552484	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING SLIDE BLOCK COMP.
9	549166	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING SLIDE BLOCK SCREW
10	552485	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING SLIDE BLOCK STUD
11	552486	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING SLIDE BLOCK GUIDE PLATE
12	544212-053	*	*	*	*	*	*	4	FEED ROCK SHAFT DRIVING SLIDE BLOCK GUIDE PLATE SCREW
13	554493	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME BALANCE WEIGHT
14	374106-006	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING FRAME BALANCE WEIGHT SCREW
15	554494	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME BALANCE WEIGHT BRACKET
16	374107-003	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING FRAME BALANCE WEIGHT BRACKET SCREW
17	552487	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME SUPPORT PLATE
18	544213-057	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME SUPPORT PLATE SCREW

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
19	554798	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME LEVER COMP.
20	374107-004	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME LEVER PINCH SCREW
21	544208-005	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING FRAME LEVER STUD SET SCREW
22	552490	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING LINK
23	554680	*	*	*	*	*	*	1	FEED ROCK SHAFT CRANK COMP.
24	374107-004	*	*	*	*	*	*	1	FEED ROCK SHAFT CRANK PINCH SCREW
25	552493	*	*	*	*	*	*	1	FEED ROCK SHAFT CRANK PIN
26	543801-006	*	*	*	*	*	*	2	FEED ROCK SHAFT CRANK PIN SNAP RING
27	554756	*	*	*	*	*	*	1	FEED REGULATING LINK
28	554797	*	*	*	*	*	*	2	FEED REGULATING LINK STUD
31	554785	*	*	*	*	*	*	1	FEED REVERSE LINK STUD COMP.
32	412226	*	*	*	*	*	*	1	FEED REVERSE LINK STUD THRUST WASHER
33	543571	*	*	*	*	*	*	1	FEED REVERSE LINK STUD SNAP RING
34	554757	*	*	*	*	*	*	1	FEED REVERSE LINK
35	554754	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT CRANK COMP.
36	374107-004	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT CRANK PINCH SCREW
37	549288	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT CRANK HINGE SCREW
38	544840	*	*	*	*	*	*	2	FEED ROCK SHAFT DRIVING FRAME BALANCE WEIGHT BRACKET SPRING WASHER
39	555066	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME RUBBER PLUG

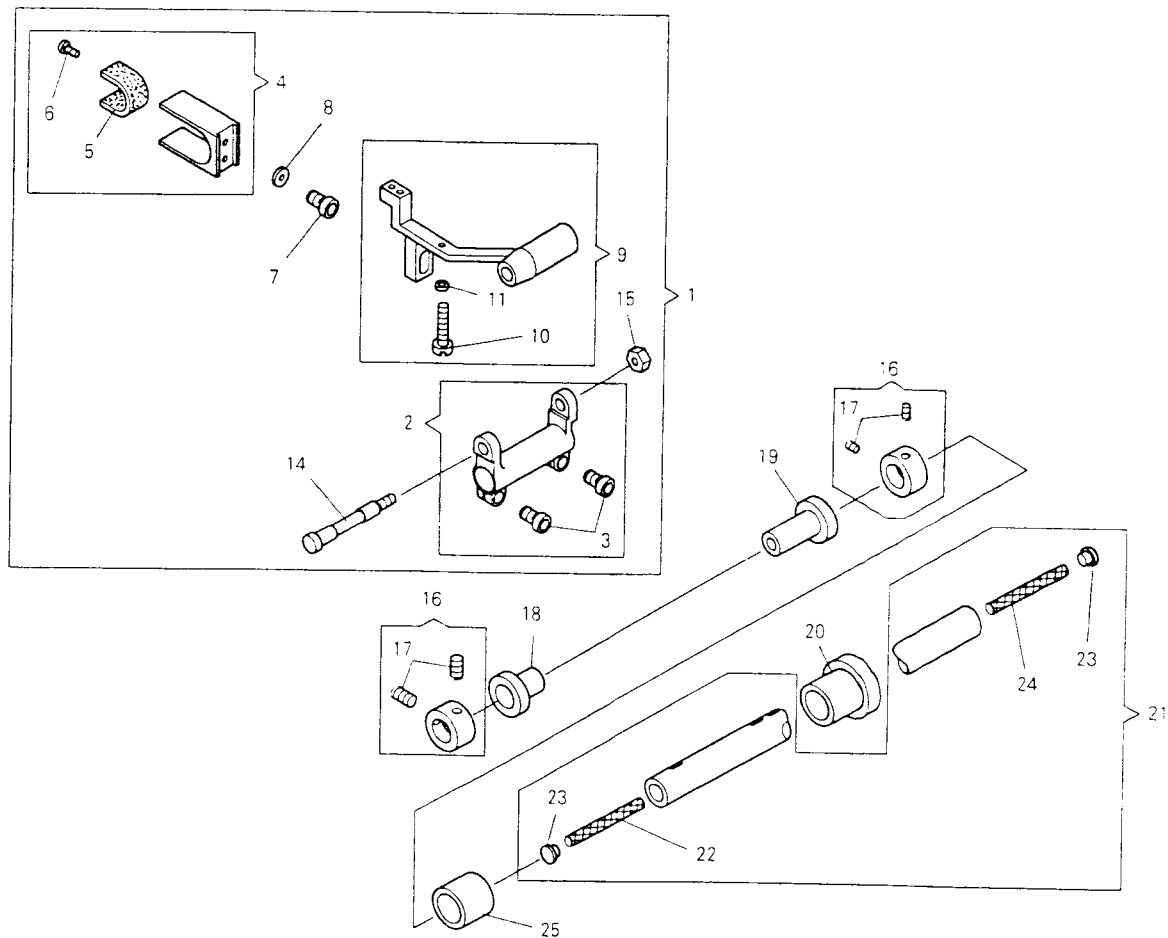
FEED REGULATING DIAL, FEED REVERSE LEVER



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552494	*	*	*	*	*	*	1	FEED REGULATOR COMP.
2	374300	*	*	*	*	*	*	2	FEED REGULATOR SCREW
3	552496	*	*	*	*	*	*	1	FEED REGULATOR SHAFT
4	552497	*	*	*	*	*	*	1	FEED REGULATOR SHAFT BUSHING
6	418340	*	*	*	*	*	*	1	FEED REGULATOR SHAFT THRUST WASHER
7	543801-010	*	*	*	*	*	*	1	FEED REGULATOR SHAFT SNAP RING
8	552719	*	*	*	*	*	*	1	FEED REGULATOR SHAFT COLLAR COMP.
9	544207-011	*	*	*	*	*	*	2	FEED REGULATOR SHAFT COLLAR SET SCREW
10	554752	*	*	*	*	*	*	1	FEED REGULATOR SHAFT ARM COMP.
11	368108	*	*	*	*	*	*	1	FEED REGULATOR SHAFT ARM POSITION SCREW
12	544205-001	*	*	*	*	*	*	1	FEED REGULATOR SHAFT ARM SET SCREW
13	544208-005	*	*	*	*	*	*	2	FEED REGULATING STUD SET SCREW
14	555152	*	*	*	*	*	*	1	FEED REGULATOR SHAFT ARM SPRING
15	555153	*	*	*	*	*	*	2	FEED REGULATOR SHAFT ARM SPRING HOOK
18	555154	*	*	*	*	*	*	1	FEED REGULATOR SHAFT ARM SPRING HOOK RETAINER
19	544213-053	*	*	*	*	*	*	2	FEED REGULATOR SHAFT ARM SPRING HOOK RETAINER SCREW
20	552514	*	*	*	*	*	*	1	FEED REGULATING DIAL
21	544947	*	*	*	*	*	*	1	FEED REGULATING DIAL SERRATION PLATE
22	368362	*	*	*	*	*	*	1	FEED REGULATING DIAL CAP SCREW
23	368363	*	*	*	*	*	*	1	FEED REGULATING DIAL CAP SCREW WASHER
24	552515	*	*	*	*	*	*	1	FEED REGULATING STUD
24	554455	-	-	-	-	-	-	1	FEED REGULATING STUD
25	368114	*	*	*	*	*	*	1	FEED REGULATING DIAL LOCK PIN
26	545820	*	*	*	*	*	*	1	FEED REGULATING DIAL LOCK PIN SPRING
27	552516	*	*	*	*	*	*	1	FEED REVERSE LEVER

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
28	552518	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT ARM COMP.
29	543831-001	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT ARM PIN
30	552521	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT ARM PIN COVER
31	368129	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT BUSHING
32	368130	*	*	*	*	*	*	1	FEED REVERSE LEVER SPRING
33	375653	*	*	*	*	*	*	1	FEED REVERSE LEVER STOPPER PIN
34	375662	*	*	*	*	*	*	1	FEED REVERSE LEVER STOPPER PIN COVER
35	552522	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT COLLAR COMP.
36	374062	*	*	*	*	*	*	1	FEED REVERSE LEVER SHAFT COLLAR SET SCREW
37	544208-005	*	*	*	*	*	*	1	FEED REVERSE LINK STUD SET SCREW

FEED BAR, FEED DRIVING ROCK SHAFT



NO	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	YTD	DESCRIPTION
1	554984	*	-	-	*	-	-	1	FEED BAR AND FEED DRIVING ROCK FRAME COMP.
1	554986	-	*	*	-	*	*	1	FEED BAR AND FEED DRIVING ROCK FRAME COMP.
2	554985	*	-	-	*	-	-	1	FEED DRIVING ROCK FRAME COMP.
2	554987	-	*	*	-	*	*	1	FEED DRIVING ROCK FRAME COMP.
3	374108-009	*	*	*	*	*	*	2	FEED DRIVING ROCK FRAME PINCH SCREW
4	412161	*	*	*	*	*	*	1	FEED LIFTING ECCENTRIC FORK COMP.
5	223655	*	*	*	*	*	*	1	FEED LIFTING ECCENTRIC FORK OILING FELT
6	549075	*	*	*	*	*	*	1	FEED LIFTING ECCENTRIC FORK OILING FELT SCREW
7	544411	*	*	*	*	*	*	1	FEED LIFTING ECCENTRIC FORK SCREW
8	543804-025	*	*	*	*	*	*	1	FEED LIFTING ECCENTRIC FORK SCREW WASHER
9	412183	*	-	-	*	-	-	1	FEED BAR COMP.
9	281090	-	*	*	-	*	*	1	FEED BAR COMP.
10	545391	*	*	*	*	*	*	1	FEED DOG SUPPORT SCREW
11	545437	*	*	*	*	*	*	1	FEED DOG SUPPORT SCREW NUT
14	412089	*	-	-	*	-	-	1	FEED BAR HINGE SCREW
14	281091	-	*	*	-	*	*	1	FEED BAR HINGE SCREW
15	545405	*	-	-	*	-	-	1	FEED BAR HINGE SCREW NUT
15	545428	-	*	*	-	*	*	1	FEED BAR HINGE SCREW NUT
16	508327	*	*	*	*	*	*	2	FEED ROCK SHAFT STOP COLLAR COMP.
17	154780	*	*	*	*	*	*	4	FEED ROCK SHAFT STOP COLLAR SET SCREW
18	552523	*	*	*	*	*	*	1	FEED ROCK SHAFT BUSHING (FRONT)
19	367397	*	*	*	*	*	*	1	FEED ROCK SHAFT BUSHING (MIDDLE)
20	552524	*	*	*	*	*	*	1	FEED ROCK SHAFT BUSHING (BACK)
21	552525	*	*	*	*	*	*	1	FEED ROCK SHAFT COMP.
22	554465-004	*	*	*	*	*	*	1	FEED ROCK SHAFT OIL PACKING (WICK) (LONG)
23	502987	*	*	*	*	*	*	2	FEED ROCK SHAFT OIL HOLE PLUG
24	554465-001	*	*	*	*	*	*	1	FEED DRIVING ROCK SHAFT OIL PACKING (WICK) (SHORT)

[illegible]

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor. The main shaft (1) is the central component. Key sub-assemblies include:

- Assembly 13:** Consists of a gear (14) and a pin (15).
- Assembly 16:** Consists of a sleeve (17) and a pin (15).
- Assembly 18:** Consists of a housing (18) and a pin (19).
- Assembly 10:** Consists of a gear (11) and a pin (12).
- Assembly 5:** Consists of a housing (5) and pins (6, 7, 20).

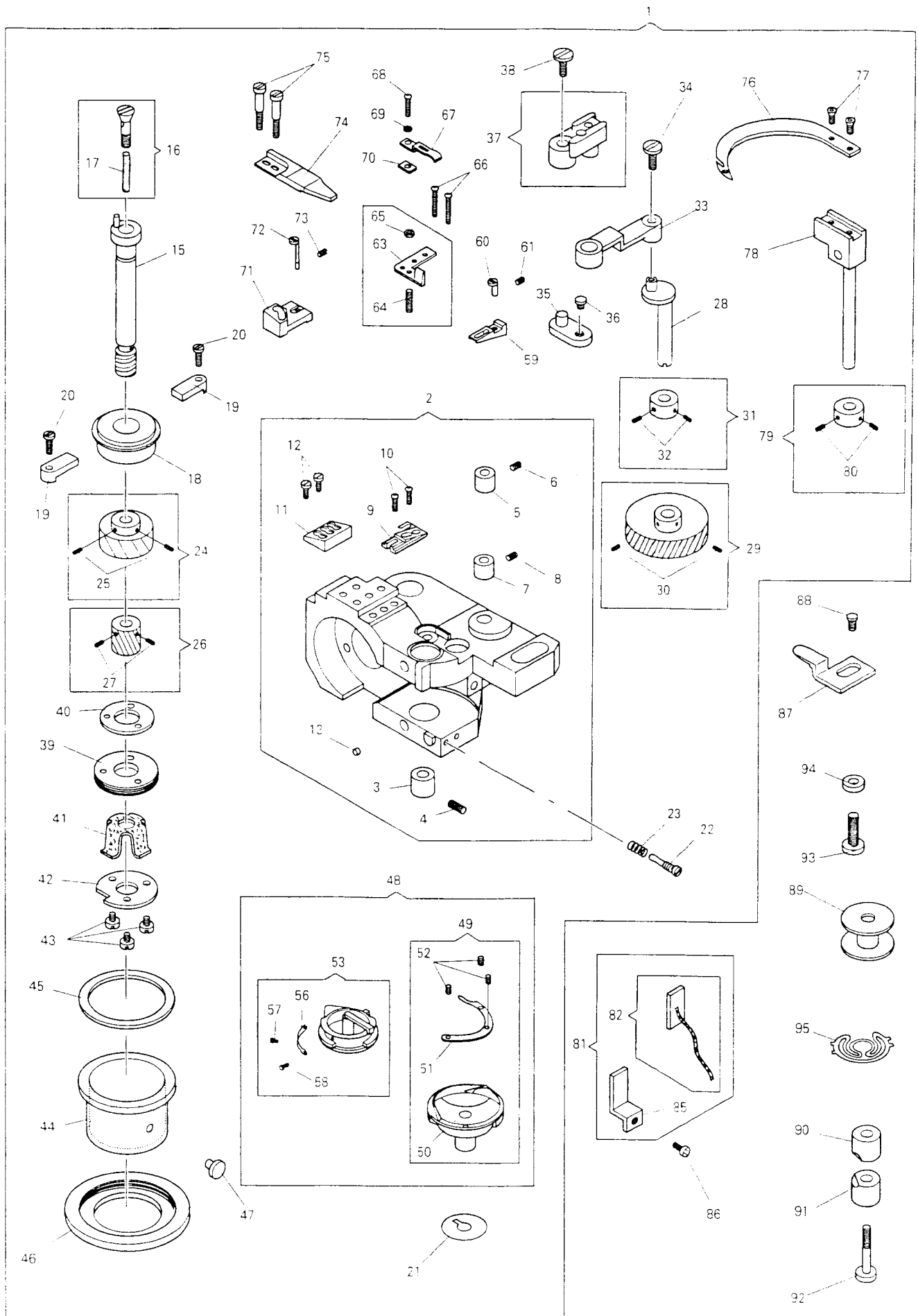
 Other individual parts shown are:

- 2: A long cylindrical sleeve.
- 3: A short cylindrical sleeve.
- 4: A small cylindrical component.
- 8: A ring or flange.
- 9: Two small pins or screws.

 The diagram uses leader lines to identify each part and numbered boxes to group related sub-assemblies.

[illegible]

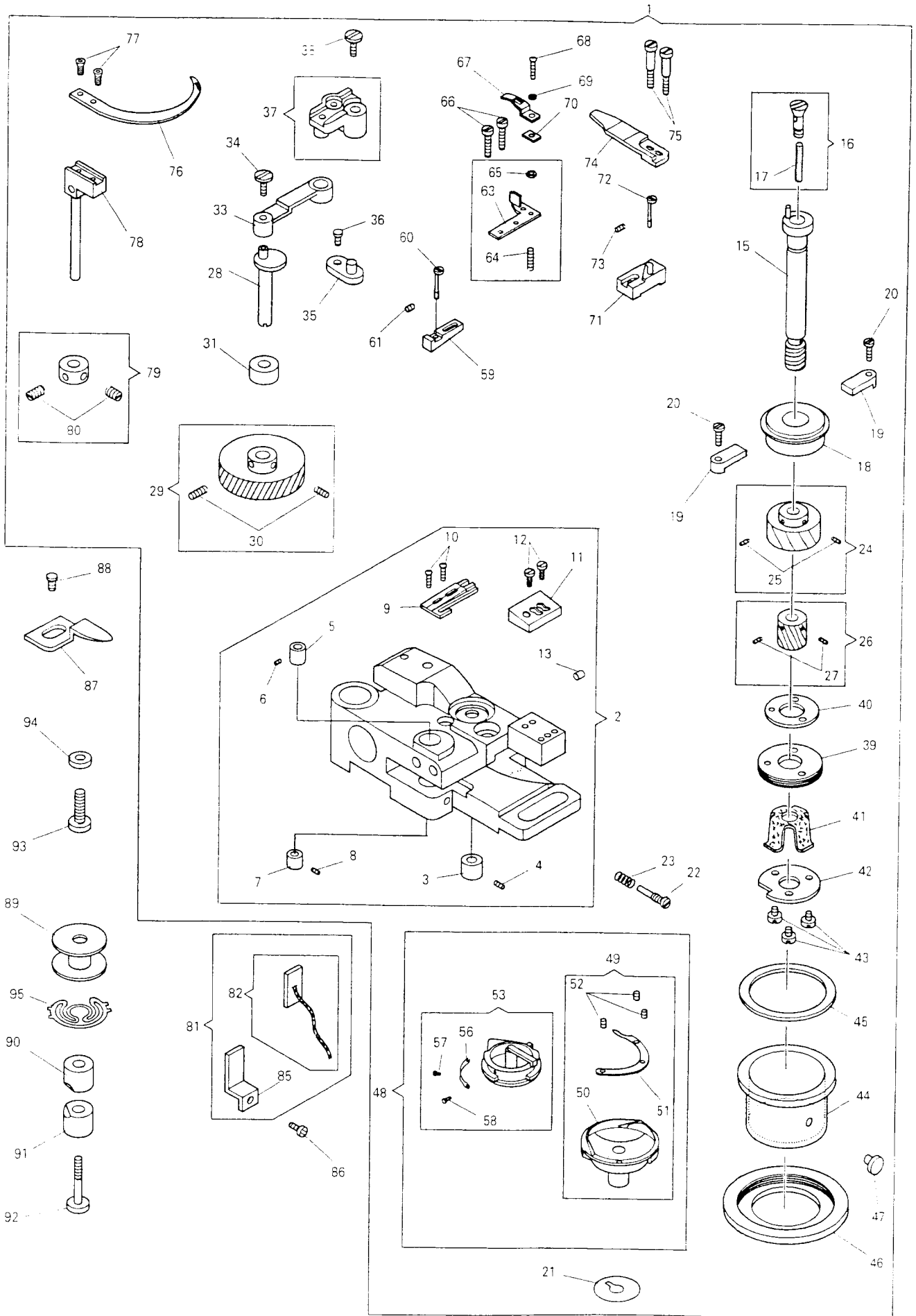
HOOK SADDLE (RIGHT), HOOK



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	Y	TQ	DESCRIPTION
1	554460	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) WITH HOOK COMP.
1	554701	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) WITH HOOK COMP.
1	554706	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) WITH HOOK COMP.
1	554711	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) WITH HOOK COMP.
2	554461	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) COMP.
2	554702	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) COMP.
2	554707	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) COMP.
2	554712	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) COMP.
3	554643-001	*	*	*	*	*	*	1		HOOK SHAFT BUSHING (LOWER)
3	554643-002	*	*	*	*	*	*	1		HOOK SHAFT BUSHING (LOWER)
4	504020	*	*	*	*	*	*	1		HOOK SHAFT BUSHING (LOWER) SET SCREW
5	282784-001	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (UPPER)
6	544207-011	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (UPPER) SET SCREW
7	282784-002	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (LOWER)
8	544207-011	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (LOWER) SET SCREW
9	281039	*	*	*	*	*	*	1		THREAD PULLER SUPPORT
10	544211-052	*	*	*	*	*	*	2		ADJUSTING BLOCK (LOWER) THREAD PULLER SUPPORT
11	281040	*	*	*	*	*	*	1		ADJUSTING BLOCK (LOWER) SET SCREW
12	544211-052	*	*	*	*	*	*	2		STATIONARY KNIFE ADJUSTING BLOCK (LOWER)
13	554641	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (LOWER) SET SCREW
15	554647	*	*	*	*	*	*	1		HOOK SADDLE PLUG
16	554648	*	*	*	*	*	*	1		HOOK SHAFT COMP.
17	502928	*	*	*	*	*	*	1		HOOK SHAFT OIL WICK HOLDER COMP.
18	267053	*	*	*	*	*	*	1		HOOK SHAFT OIL FELT
19	514173	*	*	*	*	*	*	2		HOOK BALL BEARING
20	504010-452	*	*	*	*	*	*	2		HOOK BALL BEARING RETAINER
21	514170	*	*	*	*	*	*	4		HOOK BALL BEARING RETAINER SCREW
21	554913	*	*	*	*	*	*	(3)		HOOK SPACER
22	554839	*	*	*	*	*	*	1		HOOK SPACER
23	544958	*	*	*	*	*	*	1		OIL REGULATING SCREW
24	554644	*	*	*	*	*	*	1		OIL REGULATING SCREW
25	544325	*	*	*	*	*	*	2		HOOK DRIVING PINION SET SCREW
26	554645	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT ACTUATING GEAR COMP.
27	544207-011	*	*	*	*	*	*	2		BOBBIN CASE OPENER CAM SHAFT ACTUATING GEAR SET SCREW
28	282788	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT
29	282789	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT GEAR COMP.
30	544207-011	*	*	*	*	*	*	2		BOBBIN CASE OPENER CAM SHAFT GEAR SET SCREW
31	282790	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT COLOR COMP.
32	544207-011	*	*	*	*	*	*	2		BOBBIN CASE OPENER CAM SHAFT COLOR SET SCREW
33	282791	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK LINK
33	282802	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK LINK
34	544356	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK LINK CAP SCREW
35	412283	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK HINGE STUD
36	544383	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK HINGE STUD SCREW
37	282792	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK COMP.
38	544356	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK CAP SCREW
39	554659	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR BRACKET
40	554668	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR BRACKET GASKET
41	281046	*	*	*	*	*	*	1		HOOK OIL FELT
42	554608	*	*	*	*	*	*	1		HOOK OIL FELT RETAINER
43	544211-003	*	*	*	*	*	*	3		HOOK OIL FELT RETAINER SCREW
44	554658	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR
45	554661	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR GASKET
46	554660	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR RING
47	357314	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR PLUG

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	Y	TQ	DESCRIPTION
48	554824	*	*	*	*	*	*	1		HOOK AND BOBBIN CASE COMP.
48	554825	*	*	*	*	*	*	1		HOOK AND BOBBIN CASE COMP.
49	554606	*	*	*	*	*	*	1		HOOK COMP.
49	554611	*	*	*	*	*	*	1		HOOK COMP.
50	554607	*	*	*	*	*	*	1		HOOK (BODY)
50	554612	*	*	*	*	*	*	1		HOOK (BODY)
51	281135	*	*	*	*	*	*	1		HOOK GIB
51	555120	*	*	*	*	*	*	1		HOOK GIB
52	201253	*	*	*	*	*	*	2		HOOK GIB SCREW
52	500520	*	*	*	*	*	*	3		HOOK GIB SCREW
53	281136	*	*	*	*	*	*	1		BOBBIN CASE COMP.
53	281146	*	*	*	*	*	*	1		BOBBIN CASE COMP.
56	236083	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING
56	510011	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING
57	201016	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING
57	500519	*	*	*	*	*	*	1		REGULATING SCREW
58	200594	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING REGULATING SCREW
58	500518	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING SCREW
59	281056	*	*	*	*	*	*	1		THREAD PULLER SUPPORT
60	543376	*	*	*	*	*	*	1		ADJUSTING BLOCK (UPPER) THREAD PULLER SUPPORT
61	544207-011	*	*	*	*	*	*	1		ADJUSTING BLOCK (UPPER) ECCENTRIC PIN
63	281055	*	*	*	*	*	*	1		THREAD PULLER SUPPORT
64	374475	*	*	*	*	*	*	1		TRAPPER ADJUSTING SCREW
65	541159	*	*	*	*	*	*	1		TRAPPER ADJUSTING SCREW NUT
66	374478	*	*	*	*	*	*	2		THREAD PULLER SUPPORT SCREW
67	281057	*	*	*	*	*	*	1		TRAPPER
68	544413	*	*	*	*	*	*	1		TRAPPER SET SCREW
69	408386	*	*	*	*	*	*	1		TRAPPER SET SCREW WASHER
70	548228	*	*	*	*	*	*	1		TRAPPER ADJUSTING WASHER (t=0.13M/M)
71	281059	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (UPPER)
72	281060	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (UPPER) ECCENTRIC PIN
73	544207-011	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (UPPER) ECCENTRIC PIN SET SCREW
74	281058	*	*	*	*	*	*	1		STATIONARY KNIFE
75	374476	*	*	*	*	*	*	2		STATIONARY KNIFE SET SCREW
76	281050-001	*	*	*	*	*	*	1		THREAD PULLER
77	374583-002	*	*	*	*	*	*	2		THREAD PULLER SCREW
78	281051	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET COMP.
78	282803	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET COMP.
79	281064	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET
80	544207-011	*	*	*	*	*	*	2		SHAFT COLLAR COMP.
81	552891	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET SHAFT COLLAR SET SCREW
82	552892	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT, OIL PACKING (WICK) COMP.
85	552893	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT BRACKET
86	544211-002	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT BRACKET SCREW
87	282793	*	*	*	*	*	*	1		BOBBIN CASE OPENER
88	549027	*	*	*	*	*	*	1		BOBBIN CASE OPENER SCREW
89	282762	*	*	*	*	*	*	1		BOBBIN
89	282763	*	*	*	*	*	*	1		BOBBIN
89	282764	*	*	*	*	*	*	1		BOBBIN
90	412115	*	*	*	*	*	*	1		PINCH SLEEVE (UPPER)
91	267139	*	*	*	*	*	*	1		PINCH SLEEVE (LOWER)
92	544364	*	*	*	*	*	*	1		PINCH SLEEVE SCREW
93	544334	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) SCREW
94	225585	*	*	*	*	*	*	1		HOOK SADDLE (RIGHT) SCREW WASHER
95	417195	*	*	*	*	*	*	1		ANTI SPILL SPRING
95	417269	*	*	*	*	*	*	1		ANTI SPILL SPRING

HOOK SADDLE (LEFT), HOOK



NO.	PART NO.	141AA	141BA	141AG	541AA	541BA	541GA	Y	Q	DESCRIPTION
1	554462	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) WITH HOOK COMP
1	554703	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) WITH HOOK COMP
1	554708	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) WITH HOOK COMP
1	554714	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) WITH HOOK COMP
2	554463	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) COMP
2	554704	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) COMP
2	554709	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) COMP
2	554715	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) COMP
3	554643-001	*	*	*	*	*	*	1		HOOK SHAFT BUSHING (LOWER)
3	554643-002	*	*	*	*	*	*	1		HOOK SHAFT BUSHING (LOWER)
4	504020	*	*	*	*	*	*	1		HOOK SHAFT BUSHING (LOWER) SET SCREW
5	282784-001	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (UPPER)
6	544207-011	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (UPPER) SET SCREW
7	282797	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (LOWER)
8	544207-011	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT BUSHING (LOWER) SET SCREW
9	281039	*	*	*	*	*	*	1		THREAD PULLER SUPPORT ADJUSTING BLOCK (LOWER)
10	544211-052	*	*	*	*	*	*	2		THREAD PULLER SUPPORT ADJUSTING BLOCK (LOWER) SET SCREW
11	281040	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (LOWER)
12	544211-052	*	*	*	*	*	*	2		STATIONARY KNIFE ADJUSTING BLOCK (LOWER) SET SCREW
13	554641	*	*	*	*	*	*	1		HOOK SADDLE PLUG
15	554647	*	*	*	*	*	*	1		HOOK SHAFT COMP
16	554648	*	*	*	*	*	*	1		HOOK SHAFT OIL WICK HOLDER COMP
17	502928	*	*	*	*	*	*	1		HOOK SHAFT OIL FELT
18	267053	*	*	*	*	*	*	1		HOOK BALL BEARING
19	514173	*	*	*	*	*	*	2		HOOK BALL BEARING RETAINER
20	504010-452	*	*	*	*	*	*	2		HOOK BALL BEARING RETAINER SCREW
21	514170	*	*	*	*	*	*	4		HOOK SPACER
21	554913	*	*	*	*	*	*	(3)		HOOK SPACER
22	554839	*	*	*	*	*	*	1		OIL REGULATING SCREW
23	544958	*	*	*	*	*	*	1		OIL REGULATING SCREW SPRING
24	554644	*	*	*	*	*	*	1		HOOK DRIVING PINION COMP
25	544325	*	*	*	*	*	*	2		HOOK DRIVING PINION SET SCREW
26	554645	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT ACTUATING GEAR COMP
27	544207-011	*	*	*	*	*	*	2		BOBBIN CASE OPENER CAM SHAFT ACTUATING GEAR SET SCREW
28	282788	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT GEAR COMP
29	282789	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT GEAR COMP
30	544207-011	*	*	*	*	*	*	2		BOBBIN CASE OPENER CAM SHAFT GEAR SET SCREW
31	282798	*	*	*	*	*	*	1		BOBBIN CASE OPENER CAM SHAFT SPACER
33	282791	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK LINK
33	282802	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK LINK
34	544356	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK LINK CAP SCREW
35	412283	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK HINGE STUD
36	544383	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK HINGE STUD SCREW
37	282792	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK COMP
38	544356	*	*	*	*	*	*	1		BOBBIN CASE OPENER CRANK CAP SCREW
39	554659	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR BRACKET
40	554668	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR BRACKET GASKET
41	281046	*	*	*	*	*	*	1		HOOK OIL FELT
42	554608	*	*	*	*	*	*	1		HOOK OIL FELT RETAINER
43	544211-003	*	*	*	*	*	*	3		HOOK OIL FELT RETAINER SCREW
44	554658	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR
45	554661	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR GASKET
46	554660	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR RING
47	367314	*	*	*	*	*	*	1		HOOK SADDLE OIL RESERVOIR PLUG
48	554824	*	*	*	*	*	*	1		HOOK AND BOBBIN CASE COMP
48	554825	*	*	*	*	*	*	1		HOOK AND BOBBIN CASE COMP

NO.	PART NO.	141AA	141BA	141AG	541AA	541BA	541GA	Y	Q	DESCRIPTION
49	554606	*	*	*	*	*	*	1		HOOK COMP
49	554611	*	*	*	*	*	*	1		HOOK COMP
50	554607	*	*	*	*	*	*	1		HOOK (BODY)
50	554612	*	*	*	*	*	*	1		HOOK (BODY)
51	281135	*	*	*	*	*	*	1		HOOK GIB
51	555120	*	*	*	*	*	*	1		HOOK GIB
52	201253	*	*	*	*	*	*	2		HOOK GIB SCREW
52	500520	*	*	*	*	*	*	3		HOOK GIB SCREW
53	281136	*	*	*	*	*	*	1		BOBBIN CASE COMP
53	281146	*	*	*	*	*	*	1		BOBBIN CASE COMP
56	236083	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING
56	510011	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING
57	201016	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING REGULATING SCREW
57	500519	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING REGULATING SCREW
58	200594	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING SCREW
58	500518	*	*	*	*	*	*	1		BOBBIN CASE TENSION SPRING SCREW
59	281056	*	*	*	*	*	*	1		THREAD PULLER SUPPORT ADJUSTING BLOCK (UPPER)
60	543376	*	*	*	*	*	*	1		THREAD PULLER SUPPORT ADJUSTING BLOCK (UPPER) ECCENTRIC PIN
61	544207-011	*	*	*	*	*	*	1		THREAD PULLER SUPPORT ADJUSTING BLOCK (UPPER) ECCENTRIC PIN SET SCREW
63	281055	*	*	*	*	*	*	1		THREAD PULLER SUPPORT TRAPPER ADJUSTING SCREW
64	374475	*	*	*	*	*	*	1		TRAPPER ADJUSTING SCREW NUT
65	541159	*	*	*	*	*	*	1		TRAPPER ADJUSTING SCREW NUT
66	374478	*	*	*	*	*	*	2		THREAD PULLER SUPPORT SCREW
67	281057	*	*	*	*	*	*	1		TRAPPER
68	544413	*	*	*	*	*	*	1		TRAPPER SET SCREW
69	408386	*	*	*	*	*	*	1		TRAPPER SET SCREW WASHER
70	548228	*	*	*	*	*	*	1		TRAPPER ADJUSTING WASHER (t=0.13M/M)
71	281059	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (UPPER)
72	281060	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (UPPER) ECCENTRIC PIN
73	544207-011	*	*	*	*	*	*	1		STATIONARY KNIFE ADJUSTING BLOCK (UPPER) ECCENTRIC PIN SET SCREW
74	281058	*	*	*	*	*	*	1		STATIONARY KNIFE
75	374476	*	*	*	*	*	*	2		STATIONARY KNIFE SET SCREW
76	281050-001	*	*	*	*	*	*	1		THREAD PULLER
77	374583-002	*	*	*	*	*	*	2		THREAD PULLER SCREW
78	281051	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET COMP
78	282803	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET COMP
79	281064	*	*	*	*	*	*	1		THREAD PULLER RETAINER BRACKET SHAFT COLLAR COMP
80	544207-011	*	*	*	*	*	*	2		THREAD PULLER RETAINER BRACKET SHAFT COLLAR SET SCREW
81	552891	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT, OIL FELT BRACKET COMP
82	552892	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT, OIL PACKING (WICK) COMP
85	552893	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT BRACKET
86	544211-002	*	*	*	*	*	*	1		HOOK DRIVING PINION OIL FELT BRACKET SCREW
87	282793	*	*	*	*	*	*	1		BOBBIN CASE OPENER
88	549027	*	*	*	*	*	*	1		BOBBIN CASE OPENER SCREW
89	282762	*	*	*	*	*	*	1		BOBBIN
89	282763	*	*	*	*	*	*	1		BOBBIN
89	282764	*	*	*	*	*	*	1		BOBBIN
90	412115	*	*	*	*	*	*	1		PINCH SLEEVE (UPPER)
91	267139	*	*	*	*	*	*	1		PINCH SLEEVE (LOWER)
92	544364	*	*	*	*	*	*	1		PINCH SLEEVE SCREW
93	414742	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) SCREW
94	225585	*	*	*	*	*	*	1		HOOK SADDLE (LEFT) SCREW WASHER
95	417195	*	*	*	*	*	*	1		ANTI SPILL SPRING
95	417259	*	*	*	*	*	*	1		ANTI SPILL SPRING

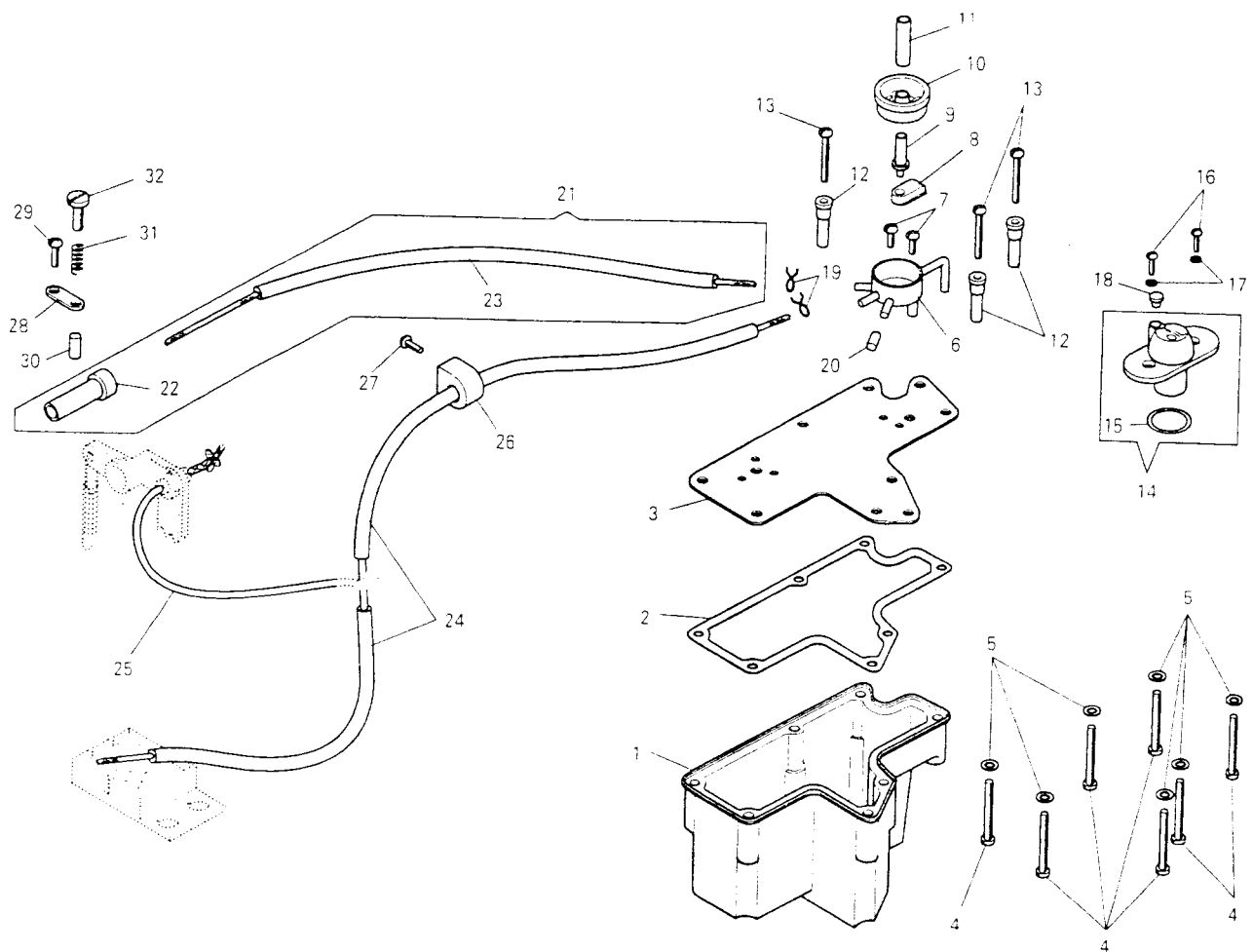
This diagram illustrates the assembly of a plunger pump lubrication system. The components are numbered as follows:

- 1**: Main pump housing assembly.
- 2**: Plunger pump head.
- 3**: O-rings.
- 4**: Seal ring.
- 5**: Pin.
- 6**: Pin.
- 7**: Plunger.
- 8**: Pin.
- 9**: Spring.
- 10**: Spring.
- 11**: Pin.
- 12**: Hose.
- 13**: Hose.
- 14**: Hose clamps.
- 15**: Hose.
- 16**: Hose clamp.
- 17**: Hose.
- 18**: Hose clamp.
- 19**: Pin.
- 20**: Hose clamp.
- 21**: Hose.
- 22**: Hose clamp.
- 23**: Pin.
- 24**: Hose clamp.
- 25**: Hose clamp.
- 26**: Hose clamp.
- 27**: Hose clamp.
- 28**: Hose clamp.
- 29**: Pin.
- 30**: Hose clamp.
- 31**: Pin.

NO	PART NO	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	555019	*	*	*	*	*	*	1	PLUNGER PUMP COMP.
2	555020	*	*	*	*	*	*	1	PLUNGER PUMP (BODY) COMP.
3	551349	*	*	*	*	*	*	2	OIL SEAL
4	555023	*	*	*	*	*	*	1	PLUNGER PUMP ROTOR
5	554353	*	*	*	*	*	*	1	PLUNGER PUMP ROTER RETAINER
6	544211-002	*	*	*	*	*	*	2	PLUNGER PUMP ROTER RETAINER SCREW
7	554352	*	*	*	*	*	*	1	PLUNGER PUMP ROTOR COLLAR
8	549293	*	*	*	*	*	*	2	PLUNGER PUMP ROTOR COLLAR SET SCREW
9	555024	*	*	*	*	*	*	2	PLUNGER PUMP PISTON
10	555025	*	*	*	*	*	*	2	PLUNGER PUMP PISTON SPRING
11	555026	*	*	*	*	*	*	2	PLUNGER PUMP PISTON SPRING RETAINER SCREW
12	552826	*	*	*	*	*	*	1	OIL TUBE (SUCTION)
13	552827	*	*	*	*	*	*	1	OIL TUBE (DISCHARGE)
14	552809	*	*	*	*	*	*	4	OIL TUBE CLIP
15	552833	*	*	*	*	*	*	1	OIL REMOVING TUBE (SUCTION) COMP.
16	552810	*	*	*	*	*	*	1	OIL REMOVING TUBE CLIP
17	554464	*	*	*	*	*	*	1	OIL REMOVING TUBE (DISCHARGE)
18	552810	*	*	*	*	*	*	2	OIL REMOVING TUBE (DISCHARGE) CLIP
19	374543	*	*	*	*	*	*	1	PLUNGER PUMP SUPPORT SCREW
20	552546-401	*	*	*	*	*	*	1	OIL GAUGE COMP.
21	552828	*	*	*	*	*	*	1	OIL TUBE (FOR OIL GAUGE)
22	552809	*	*	*	*	*	*	2	OIL TUBE (FOR OIL GAUGE) CLIP
23	545071	*	*	*	*	*	*	1	OIL GAUGE SCREW
24	554537	*	*	*	*	*	*	1	OIL TUBE RETAINER (FOR OIL GAUGE)
25	552829	*	*	*	*	*	*	1	OIL TUBE RETAINER FOR DISCHARGE)
26	544217-052	*	*	*	*	*	*	1	OIL TUBE RETAINER SCREW
27	554306	*	*	*	*	*	*	1	OIL REMOVING LINT SCREEN
28	554433	*	*	*	*	*	*	1	OIL REMOVING LINT SCREEN BRACKET
29	544283	*	*	*	*	*	*	1	OIL REMOVING LINT SCREEN BRACKET SCREW

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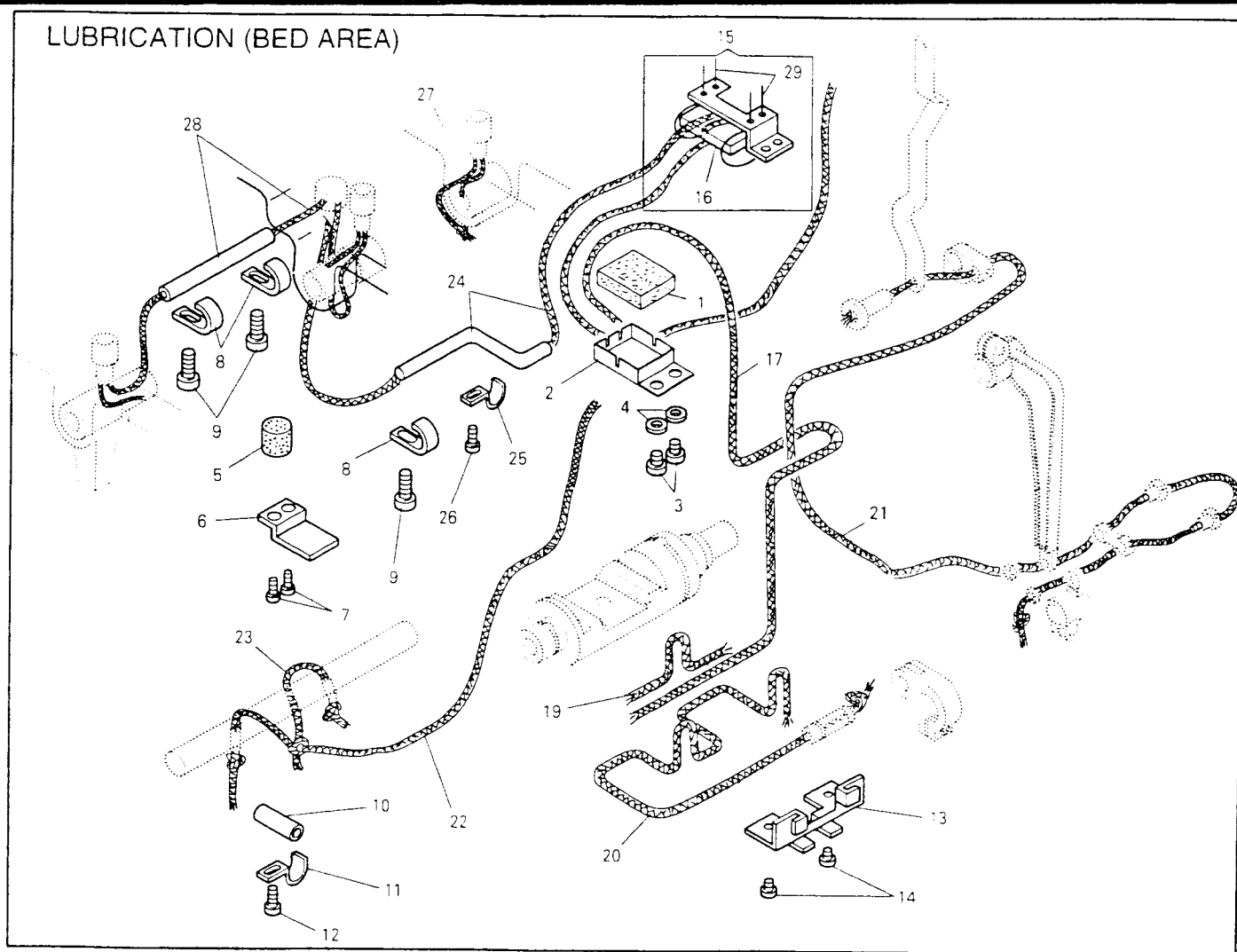
LUBRICATION (OIL RESERVOIR)



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY		DESCRIPTION
								Y	T	
1	555007	*	*	*	*	*	*	*	1	OIL TANK
2	555008	*	*	*	*	*	*	*	1	OIL TANK PACKING
3	555004	*	*	*	*	*	*	*	1	OIL TANK BRACKET COMP.
4	544212-057	*	*	*	*	*	*	*	7	OIL TANK SET SCREW
5	543804-003	*	*	*	*	*	*	*	7	OIL TANK SET SCREW WASHER
6	555009	*	*	*	*	*	*	*	1	OIL DISTRIBUTOR COMP
7	544211-001	*	*	*	*	*	*	*	2	OIL DISTRIBUTOR SET SCREW
8	555011	*	*	*	*	*	*	*	1	OIL FLOW NOZZLE HOLDER
9	555012	*	*	*	*	*	*	*	1	OIL FLOW NOZZLE
10	555013	*	*	*	*	*	*	*	1	OIL FLOW WINDOW HOLDER
11	555014	*	*	*	*	*	*	*	1	OIL FLOW NOZZLE TUBE
12	555002	*	*	*	*	*	*	*	3	OIL TANK BRACKET SUPPORT BUSHING
13	544213-058	*	*	*	*	*	*	*	3	OIL TANK BRACKET SET SCREW
14	555015	*	*	*	*	*	*	*	1	OIL FLOW WINDOW COMP.
15	555017-001	*	*	*	*	*	*	*	1	OIL FLOW WINDOW O-RING
16	544212-053	*	*	*	*	*	*	*	2	OIL FLOW WINDOW SET SCREW
17	543804-003	*	*	*	*	*	*	*	2	OIL FLOW WINDOW SET SCREW WASHER
18	418400-452	*	*	*	*	*	*	*	1	OIL HOLE RUBBER PLUG
19	552809	*	*	*	*	*	*	*	2	OIL DISTRIBUTOR TUBE CLIP
20	554683	*	*	*	*	*	*	*	1	OIL DISTRIBUTOR PIPE PLUG
21	554314	*	*	*	*	*	*	*	1	TAKE-UP LEVER OIL TUBE, OIL FLOW ADJUSTING RUBBER SLEEVE COMP.
22	554313	*	*	*	*	*	*	*	1	TAKE-UP LEVER OIL FLOW ADJUSTING RUBBER SLEEVE
23	552830	*	*	*	*	*	*	*	1	RUBBER SLEEVE TAKE-UP LEVER OIL TUBE AND WICK COMP.
24	552831	*	*	*	*	*	*	*	1	OIL TUBE (FOR BED) COMP.
25	554523	*	*	*	*	*	*	*	1	FEED REGULATOR SHAFT ARM STUD
26	554528	*	*	*	*	*	*	*	1	OIL WICK
27	545136-452	*	*	*	*	*	*	*	1	OIL FLOW ADJUSTING COLLAR
28	555082	*	*	*	*	*	*	*	1	OIL FLOW ADJUSTING COLLAR SCREW
29	544213-002	*	*	*	*	*	*	*	1	TAKE-UP LEVER OIL FLOW ADJUSTING BRACKET
30	544213-002	*	*	*	*	*	*	*	1	TAKE-UP LEVER OIL FLOW ADJUSTING BRACKET SCREW

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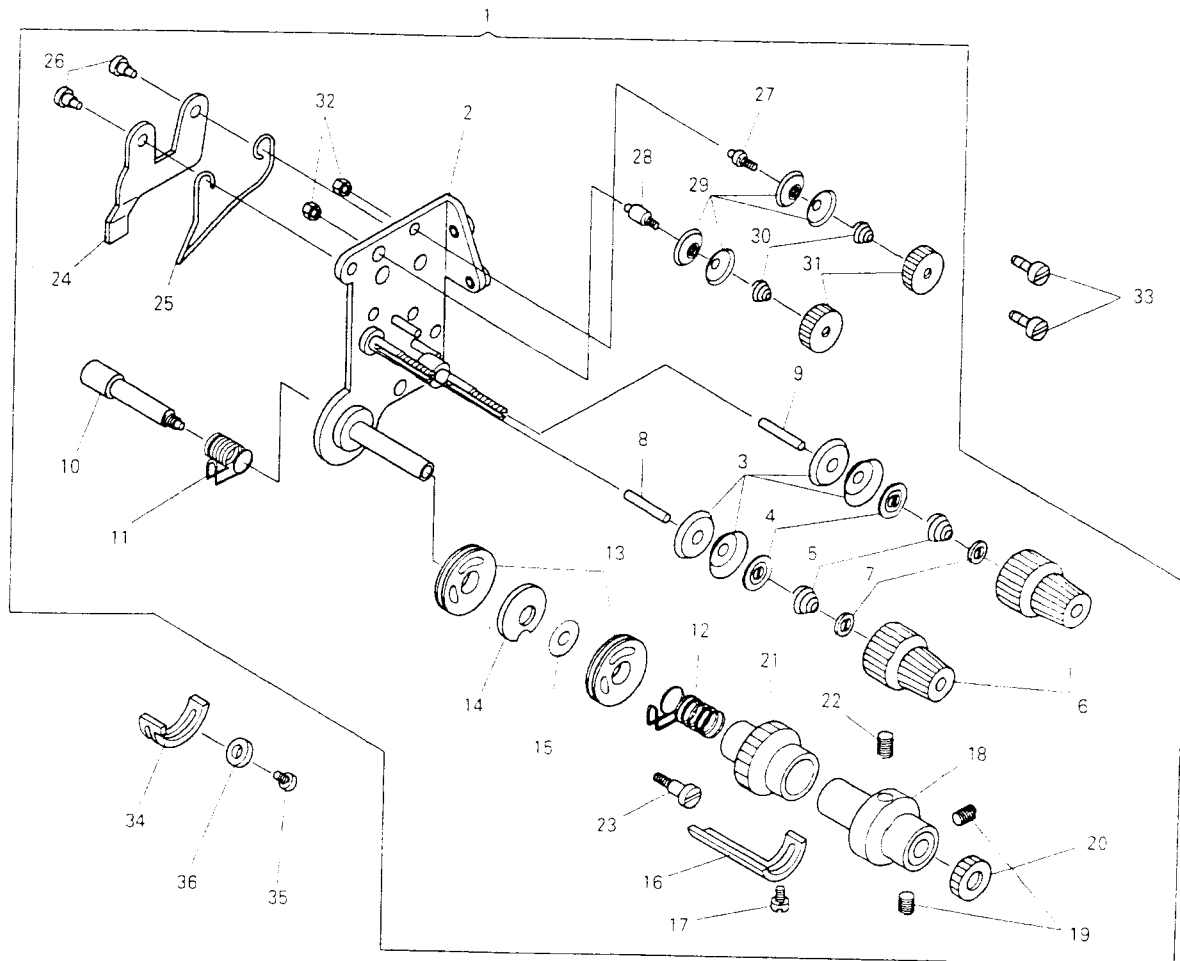
LUBRICATION (BED AREA)



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552551	*	*	*	*	*	*	1	BED OIL FELT
2	552552	*	*	*	*	*	*	1	BED OIL FELT BARCKET
3	544212-052	*	*	*	*	*	*	1	BED OIL FELT BRACKET SCREW
4	543803-003	*	*	*	*	*	*	2	BED OIL FELT BRACKET SCREW WASHER
5	552553	*	*	*	*	*	*	1	HOOK DRIVING SHAFT OIL FELT
6	552554	*	*	*	*	*	*	1	HOOK DRIVING SHAFT OIL FELT BRACKET
7	544212-051	*	*	*	*	*	*	2	HOOK DRIVING SHAFT OIL FELT BRACKET SCREW
8	552555	*	*	*	*	*	*	3	HOOK DRIVING SHAFT OIL WICK TUBE RETAINER
9	544212-051	*	*	*	*	*	*	3	HOOK DRIVING SHAFT OIL WICK TUBE RETAINER SCREW
10	552556	*	*	*	*	*	*	1	FEED ROCK SHAFT OIL WICK TUBE
11	418604	*	*	*	*	*	*	1	FEED ROCK SHAFT OIL WICK TUBE RETAINER
12	544212-051	*	*	*	*	*	*	1	FEED ROCK SHAFT OIL WICK TUBE RETAINER SCREW
13	552557	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME
14	544212-001	*	*	*	*	*	*	2	OIL WICK BRACKET
15	554440	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME OIL WICK BRACKET SCREW
16	554441	*	*	*	*	*	*	1	FEED DRIVING ECCENTRIC CONNECTION FELT COMP.
17	554465-006	*	*	*	*	*	*	1	FEED DRIVING ECCENTRIC CONNECTION FELT
19	554524	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING FRAME OIL WICK (LONG)
20	554465-007	*	*	*	*	*	*	1	FEED ROCK SHAFT DRIVING LINK OIL WICK
21	554465-005	*	*	*	*	*	*	1	FEED ROCK SHAFT CRANK PIN OIL WICK
22	554465-013	*	*	*	*	*	*	1	NEEDLE BAR SHAFT FRAME ROCK SHAFT CRANK OIL WICK

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
23	554465-012	*	*	*	*	*	*	1	FEED ROCK SHAFT OIL WICK (RIGHT)
24	554467	*	*	*	*	*	*	1	HOOK DRIVING SHAFT OIL TUBE AND WICK
25	418604	*	*	*	*	*	*	1	HOOK DRIVING SHAFT OIL TUBE
26	544212-051	*	*	*	*	*	*	1	RETAINER (SMALL)
27	554465-010	*	*	*	*	*	*	1	HOOK DRIVING SHAFT OIL TUBE RETAINER (SMALL) SCREW
28	554468	*	*	*	*	*	*	1	HOOK DRIVING SHAFT BUSHING (CENTER) OIL WICK
29	554781	*	*	*	*	*	*	2	HOOK DRIVING SHAFT BUSHING (FRONT) OIL TUBE COMP. FEED DRIVING ECCENTRIC CONNECTION FELT CORD.

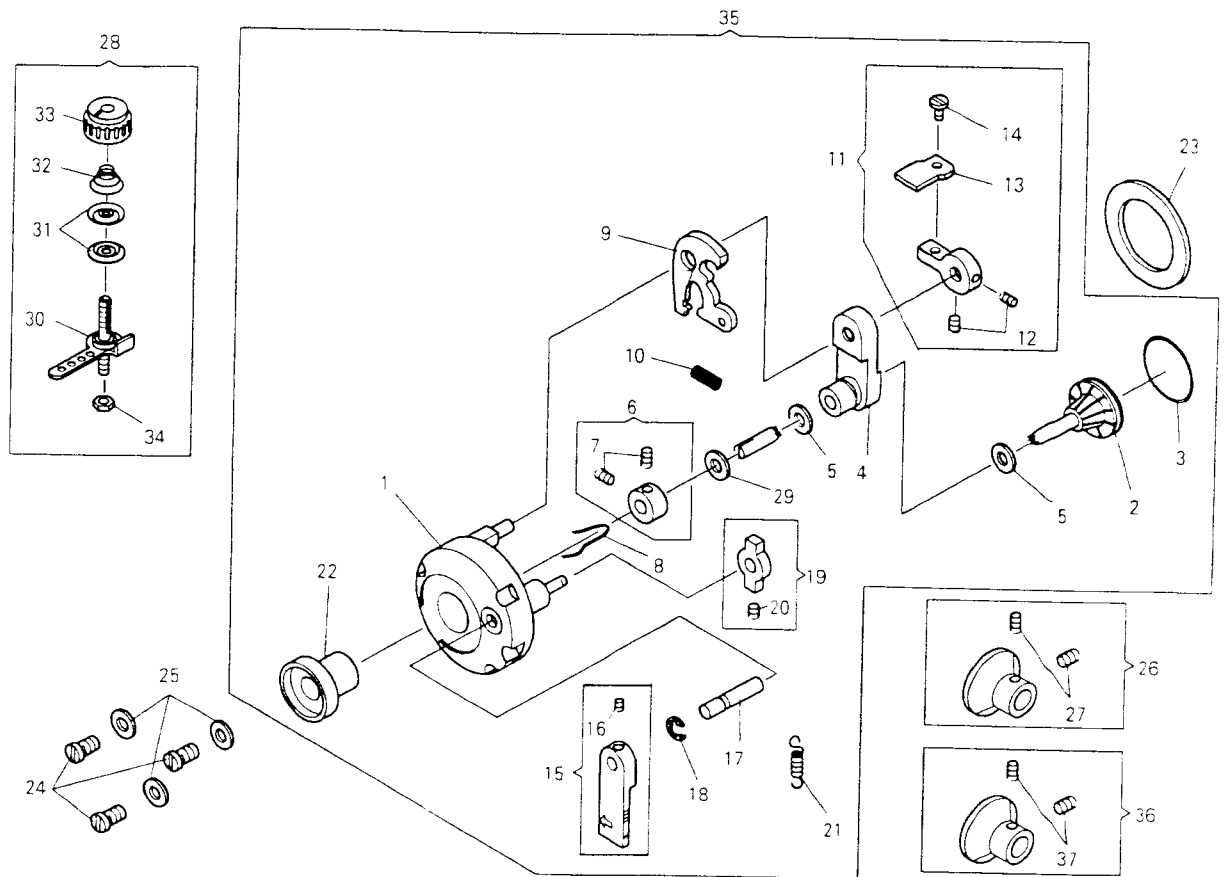
TENSION



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552558	*	*	*	*	*	*	1	TENSION BRACKET COMP.
2	552559	*	*	*	*	*	*	1	TENSION BRACKET BODY COMP.
3	2102	*	*	*	*	*	*	4	TENSION DISC
4	414273	*	*	*	*	*	*	2	TENSION RELEASE WASHER
5	552836	*	*	*	*	*	*	2	TENSION SPRING
6	552838	*	*	*	*	*	*	2	TENSION REGULATING THUMB NUT
7	411154	*	*	*	*	*	*	2	TENSION REGULATING THUMB NUT WASHER
8	552563-001	*	*	*	*	*	*	1	TENSION RELEASE PLUNGER (SHORT)
9	552563-003	*	*	*	*	*	*	1	TENSION RELEASE PLUNGER (LONG)
10	552843	*	*	*	*	*	*	1	THREAD CONTROLLER STUD
11	412407	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (BACK)
12	552842	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (FRONT)
13	412202	*	*	*	*	*	*	2	THREAD CONTROLLER DISC
14	552900	*	*	*	*	*	*	1	THREAD CONTROLLER DISC WASHER (LARGE)
15	367380	*	*	*	*	*	*	1	THREAD CONTROLLER DISC WASHER (SMALL)
16	552839	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (FRONT) STOP
17	544211-001	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (FRONT) STOP SCREW
18	552840	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING HOLDER SLEEVE
19	544202-002	*	*	*	*	*	*	2	THREAD CONTROLLER SPRING HOLDER SLEEVE SCREW
20	552841	*	*	*	*	*	*	1	THREAD CONTROLLER STUD NUT
21	552845	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING HOLDER
22	544203-001	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING HOLDER SCREW
23	414770	*	*	*	*	*	*	1	THREAD CONTROLLER DISC SCREW
24	417124	*	*	*	*	*	*	1	TENSION RELEASE PLATE
25	412230	*	*	*	*	*	*	1	TENSION RELEASE PLATE SPRING
26	544343	*	*	*	*	*	*	2	TENSION RELEASE PLATE SCREW

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
27	552567	*	*	*	*	*	*	1	PRE-TENSION STUD (SHORT)
28	552568	*	*	*	*	*	*	1	PRE-TENSION STUD (LONG)
29	417122	*	*	*	*	*	*	4	PRE-TENSION DISC
30	417123	*	*	*	*	*	*	2	PRE-TENSION SPRING
31	414784	*	*	*	*	*	*	2	PRE-TENSION THUMB NUT
32	414783	*	*	*	*	*	*	2	PRE-TENSION STUD LOCK NUT
33	549168	*	*	*	*	*	*	2	TENSION BRACKET SCREW
34	412419	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (BACK) STOP
35	545092	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (BACK) STOP SCREW
36	543805-003	*	*	*	*	*	*	1	THREAD CONTROLLER SPRING (BACK) STOP SCREW WASHER

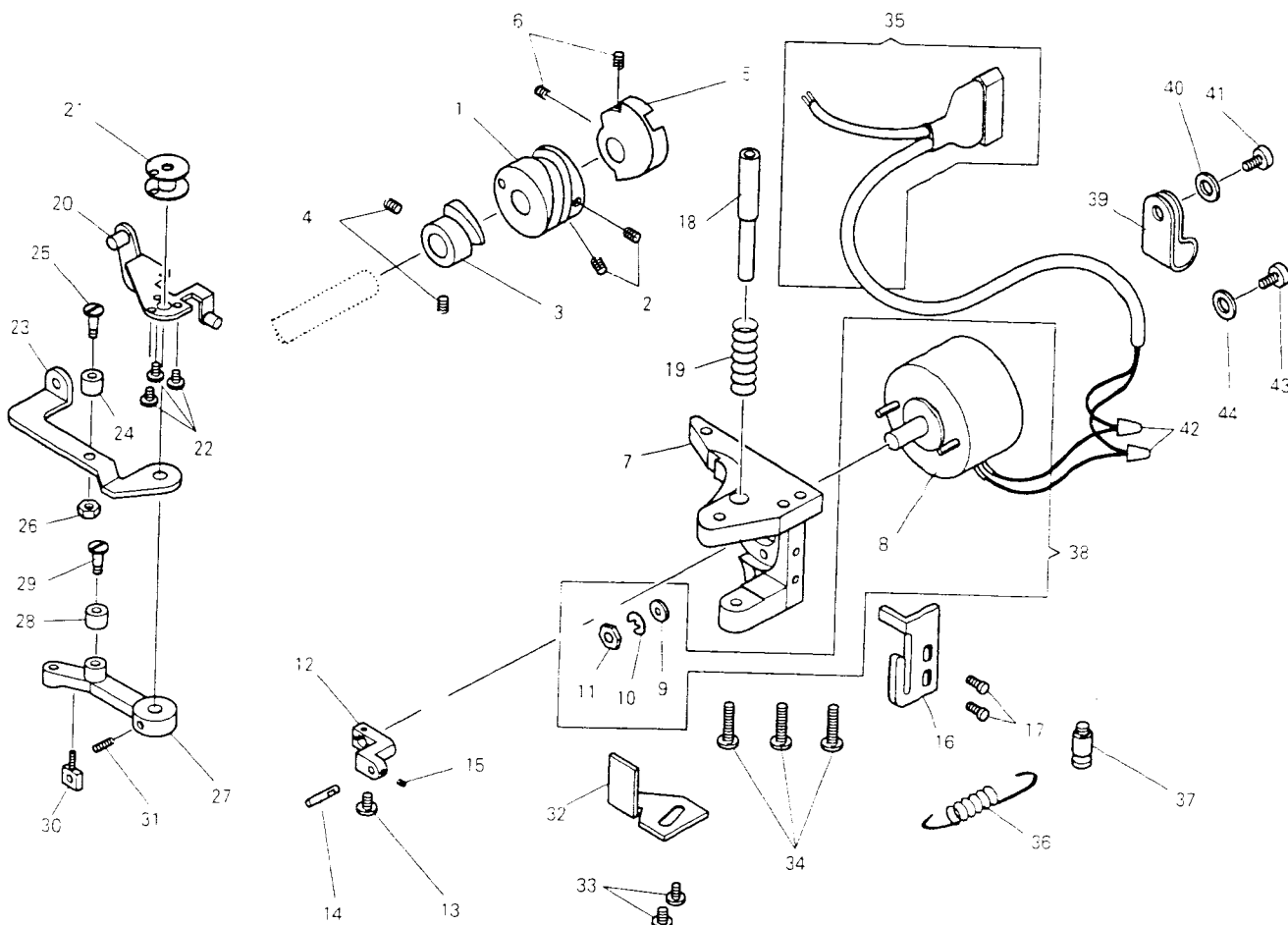
BOBBIN WINDER



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552570	*	*	*	*	*	*	2	BOBBIN WINDER (BODY)
2	552573	*	*	*	*	*	*	2	BOBBIN WINDER PULLEY
3	543871-020	*	*	*	*	*	*	2	BOBBIN WINDER PULLEY RING
4	552575	*	*	*	*	*	*	2	BOBBIN WINDER BRACKET
5	543815-004	*	*	*	*	*	*	4	BOBBIN WINDER SPINDLE THRUST WASHER
6	282758	*	*	*	*	*	*	2	BOBBIN WINDER SPINDLE STOP COLLAR COMPLETE
7	544206-011	*	*	*	*	*	*	4	BOBBIN WINDER SPINDLE STOP COLLAR SET SCREW
8	282995	*	*	*	*	*	*	2	BOBBIN WINDER SPINDLE SPRING
9	282757	*	*	*	*	*	*	2	BOBBIN WINDER BRACKET ACTUATING PLATE
10	282994	*	*	*	*	*	*	2	BOBBIN WINDER BRACKET SPRING
11	552576	*	*	*	*	*	*	2	BOBBIN WINDER STOPPER BRACKET COMP.
12	544207-013	*	*	*	*	*	*	4	BOBBIN WINDER STOPPER BRACKET SCREW
13	552577	*	*	*	*	*	*	2	BOBBIN WINDER STOPPER
14	374398-002	*	*	*	*	*	*	2	BOBBIN WINDER STOPPER SCREW
15	552578	*	*	*	*	*	*	2	BOBBIN WINDER STOP LATCH COMPLETE
16	544208-005	*	*	*	*	*	*	2	BOBBIN WINDER STOP LATCH SET SCREW
17	368025	*	*	*	*	*	*	2	BOBBIN WINDER STOP LATCH STUD
18	543860-005	*	*	*	*	*	*	2	BOBBIN WINDER STOP LATCH STUD SNAP RING
19	368026	*	*	*	*	*	*	2	BOBBIN WINDER REGULATOR COMPLETE
20	544208-005	*	*	*	*	*	*	2	BOBBIN WINDER REGULATOR SET SCREW
21	544865	*	*	*	*	*	*	2	BOBBIN WINDER SPRING
22	282759-451	*	*	*	*	*	*	2	BOBBIN WINDER SPINDLE THREAD GUARD
23	554312	*	*	*	*	*	*	2	BOBBIN WINDER PACKING
24	544217-001	*	*	*	*	*	*	6	BOBBIN WINDER SCREW
25	543803-003	*	*	*	*	*	*	6	BOBBIN WINDER SCREW WASHER

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
26	554409	*	*	*	*	*	*	1	BOBBIN WINDER DRIVING WHEEL (RIGHT) COMPLETE
27	544207-012	*	*	*	*	*	*	2	BOBBIN WINDER DRIVING WHEEL (RIGHT) SET SCREW
28	552579	*	*	*	*	*	*	2	BOBBIN WINDER TENSION COMPLETE
29	543804-005	*	*	*	*	*	*	2	BOBBIN WINDER BRACKET THRUST WASHER
30	552580	*	*	*	*	*	*	2	BOBBIN WINDER TENSION STUD COMP.
31	547247	*	*	*	*	*	*	4	BOBBIN WINDER TENSION DISC
32	547246	*	*	*	*	*	*	2	BOBBIN WINDER TENSION SPRING
33	368033	*	*	*	*	*	*	2	BOBBIN WINDER TENSION REGULATING THUMB NUT
34	541186	*	*	*	*	*	*	2	BOBBIN WINDER TENSION STUD LOCK NUT
35	554669-385	*	*	*	*	*	*	2	BOBBIN WINDER COMP.
35	552569	*	*	*	*	*	*	2	BOBBIN WINDER COMP.
36	554853	*	*	*	*	*	*	1	BOBBIN WINDER DRIVING WHEEL (LEFT) COMPLETE
37	544207-012	*	*	*	*	*	*	2	BOBBIN WINDER DRIVING WHEEL (LEFT) SET SCREW

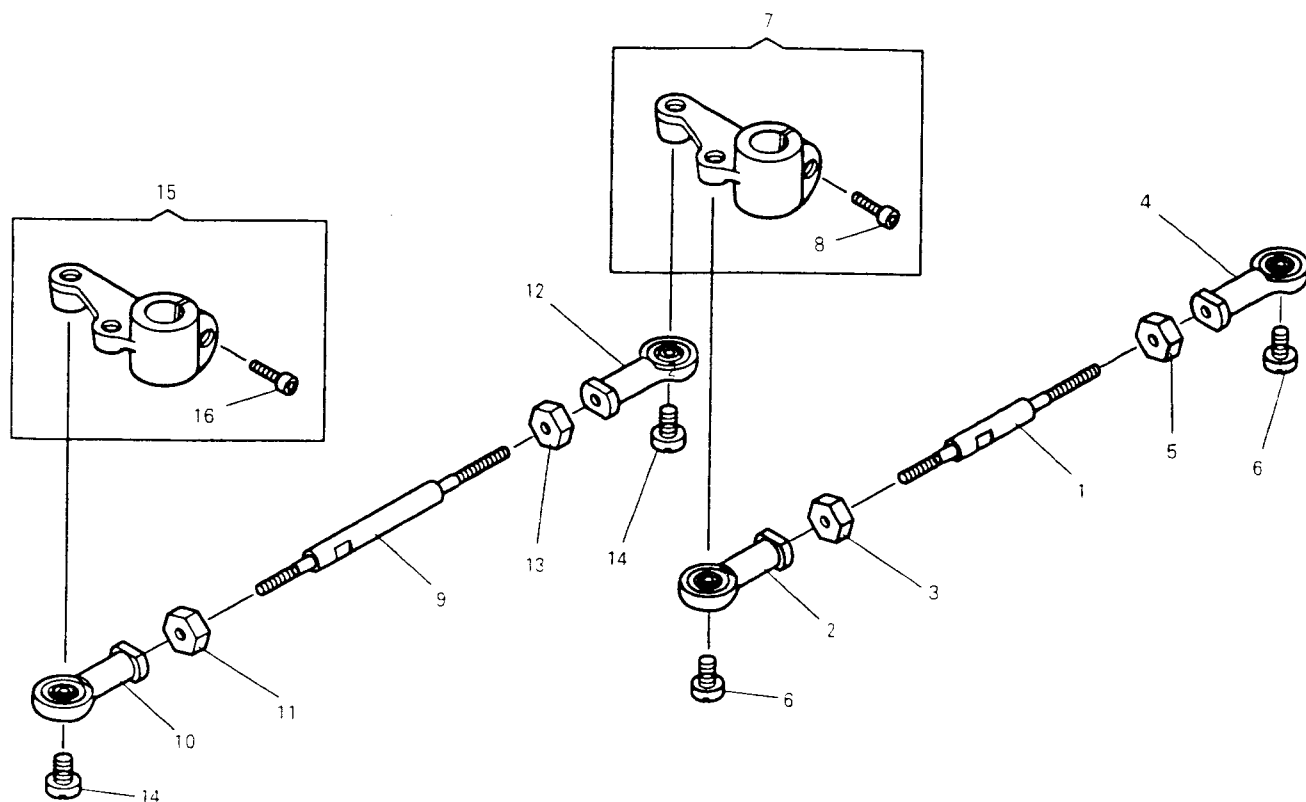
THREAD TRIMMER 1



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	281184	-	*	*	*	*	*	1	TRIMMER CAM
2	374029	-	*	*	*	*	*	2	TRIMMER CAM SET SCREW
3	281013	-	*	*	*	*	*	1	TENSION RELEASING CAM
4	504028	-	*	*	*	*	*	2	TENSION RELEASING CAM SET SCREW
5	281014	-	*	*	*	*	*	1	TRIMMER POSITIVE MOTION CAM
6	544208-005	-	*	*	*	*	*	2	TRIMMER POSITIVE MOTION CAM SET SCREW
7	552585	-	*	*	*	*	*	1	TRIMMER SOLENOID BRACKET
8	363334	-	*	*	*	*	*	1	TRIMMER SOLENOID
9	543804-003	-	*	*	*	*	*	2	TRIMMER SOLENOID WASHER
10	543805-003	-	*	*	*	*	*	2	TRIMMER SOLENOID SPRING WASHER
11	541165-003	-	*	*	*	*	*	2	TRIMMER SOLENOID NUT
12	552586	-	*	*	*	*	*	1	TRIMMER SOLENOID ARM
13	545095	-	*	*	*	*	*	1	TRIMMER SOLENOID ARM SCREW
14	416772	-	*	*	*	*	*	1	TRIMMER SOLENOID ARM PIN
15	545072	-	*	*	*	*	*	1	TRIMMER SOLENOID ARM PIN SCREW
16	281020	-	*	*	*	*	*	1	TRIMMER SOLENOID ARM STOPPER
17	190-850	-	*	*	*	*	*	2	TRIMMER SOLENOID ARM STOPPER SCREW
18	281021	-	*	*	*	*	*	1	TRIMMER LEVER SHAFT
19	281096	-	*	*	*	*	*	1	TRIMMER LEVER SHAFT SPRING
20	281023	-	*	*	*	*	*	1	TRIMMER POSITIVE MOTION BRACKET COMPLETE
21	416777	-	*	*	*	*	*	1	TRIMMER POSITIVE MOTION BRACKET BOSS
22	549120	-	*	*	*	*	*	3	TRIMMER POSITIVE MOTION BRACKET BOSS SCREW
23	552588	-	*	*	*	*	*	1	TENSION RELEASE DRIVING LEVER
24	416780	-	*	*	*	*	*	1	TENSION RELEASING CAM ROLLER
25	414773-451	-	*	*	*	*	*	1	TENSION RELEASING CAM ROLLER SCREW
26	545409	-	*	*	*	*	*	1	TENSION RELEASING CAM ROLLER SCREW LOCK NUT
27	552590	-	*	*	*	*	*	1	TRIMMER LEVER
28	416780	-	*	*	*	*	*	1	TRIMMER CAM ROLLER
29	414773-451	-	*	*	*	*	*	1	TRIMMER CAM ROLLER SCREW
30	545264	-	*	*	*	*	*	1	TRIMMER LEVER RETURN SPRING HOOK

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
31	544208-005	-	*	*	*	*	*	1	TRIMMER LEVER SET SCREW
32	552591	-	*	*	*	*	*	1	TRIMMER LEVER STOPPER
33	414508	-	*	*	*	*	*	2	TRIMMER LEVER STOPPER SCREW
34	544352	-	*	*	*	*	*	3	TRIMMER SOLENOID BRACKET SCREW
35	554469	-	*	*	*	*	*	1	TRIMMER BACK TACK SOLENOID
36	554723	-	*	*	*	*	*	1	CORD COMP.
37	552592	-	*	*	*	*	*	1	TRIMMER SOLENOID CORD COMP.
38	374307	-	*	*	*	*	*	1	TRIMMER LEVER RETURN SPRING STUD
39	369333	-	*	*	*	*	*	1	TRIMMER SOLENOID COMP.
40	542766-002	-	*	*	*	*	*	2	TRIMMER SOLENOID CORD RETAINER
41	542766-002	-	*	*	*	*	*	4	TRIMMER SOLENOID CORD RETAINER
42	543803-002	-	*	*	*	*	*	1	TRIMMER SOLENOID CORD RETAINER SCREW WASHER
43	543803-002	-	*	*	*	*	*	3	TRIMMER SOLENOID CORD RETAINER SCREW WASHER
44	504010-452	-	*	*	*	*	*	1	TRIMMER SOLENOID CORD RETAINER SCREW
45	504010-452	-	*	*	*	*	*	3	TRIMMER SOLENOID CORD RETAINER SCREW
46	417142-001	-	*	*	*	*	*	2	TRIMMER SOLENOID WIRE CONNECTOR
47	544217-052	-	*	*	*	*	*	1	TRIMMER SOLENOID CORD RETAINER SCREW
48	543803-003	-	*	*	*	*	*	1	TRIMMER SOLENOID CORD RETAINER SCREW WASHER

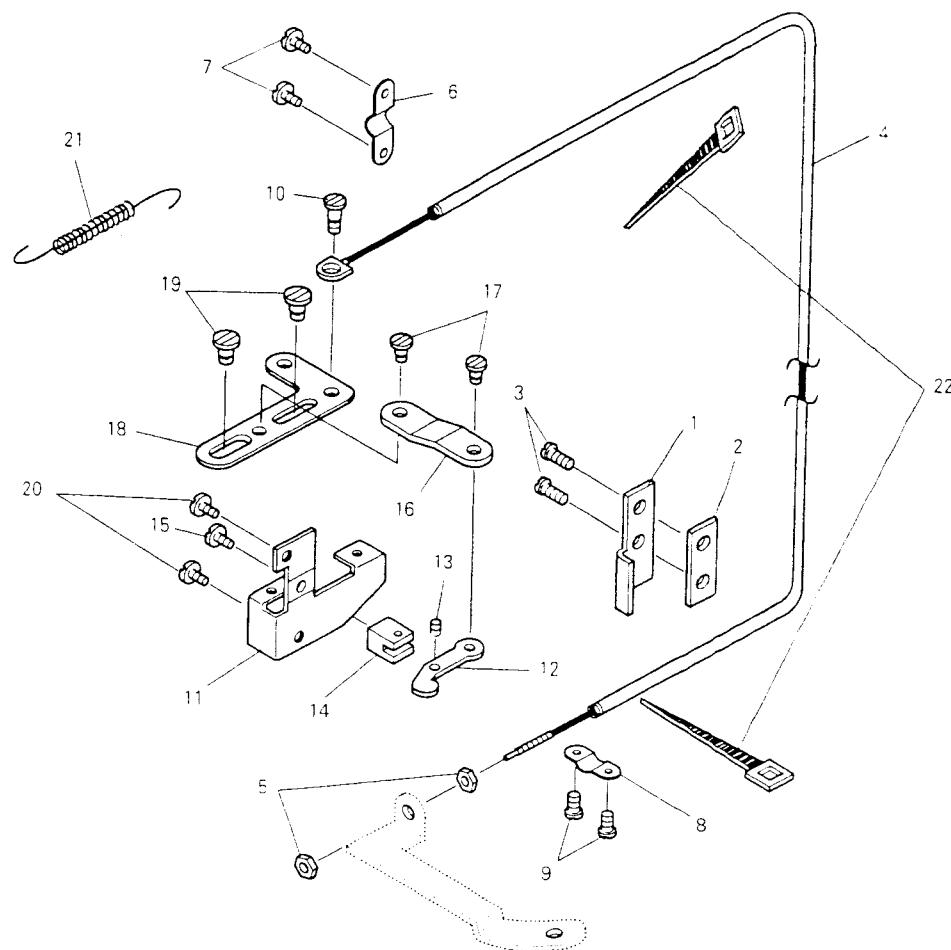
THREAD TRIMMER 2



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	Y	Q	DESCRIPTION
1	554654-001	-	*	*	-	*	*	1		TRIMMER ROD FOR DRIVING ARM (RIGHT)
2	416781-101	-	*	*	-	*	*	1		TRIMMER ROD END (LEFT)
3	414774	-	*	*	-	*	*	1		TRIMMER ROD END (LEFT) NUT
4	416781-001	-	*	*	-	*	*	1		TRIMMER ROD END (RIGHT)
5	541166-001	-	*	*	-	*	*	1		TRIMMER ROD END (RIGHT) NUT
6	414775	-	*	*	-	*	*	2		TRIMMER ROD END SCREW
7	281074	-	*	*	-	*	*	1		THREAD PULLER DRIVING ARM (RIGHT) COMPLETE
8	374107-004	-	*	*	-	*	*	1		THREAD PULLER DRIVING ARM (RIGHT) SCREW
9	416783-007	-	*	*	-	*	*	1		TRIMMER ROD FOR DRIVING ARM (LEFT)
10	416781-101	-	*	*	-	*	*	1		TRIMMER ROD END (LEFT)
11	414774	-	*	*	-	*	*	1		TRIMMER ROD END (LEFT) NUT
12	416781-001	-	*	*	-	*	*	1		TRIMMER ROD END (RIGHT)
13	541166-001	-	*	*	-	*	*	1		TRIMMER ROD END (RIGHT) NUT
14	414775	-	*	*	-	*	*	2		TRIMMER ROD END SCREW
15	281074	-	*	*	-	*	*	1		THREAD PULLER DRIVING ARM (LEFT) COMPLETE
16	374107-004	-	*	*	-	*	*	1		THREAD PULLER DRIVING ARM (LEFT) SCREW

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	Y	Q	DESCRIPTION

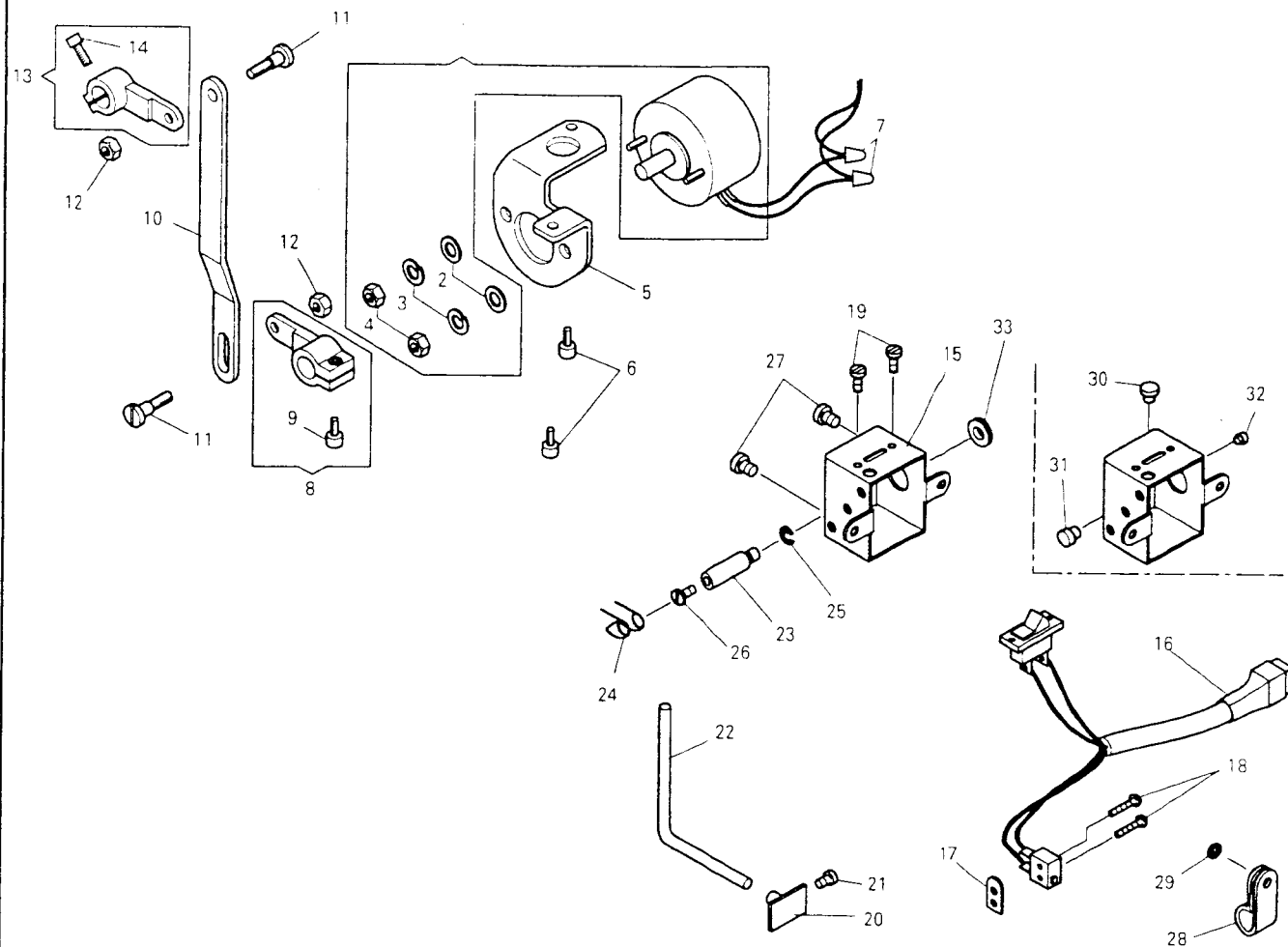
TENSION RELEASING



NO	PART NO	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	552593	-	*	*	-	*	*	1	TENSION RELEASE DRIVING LEVER STOPPER
2	552594	-	*	*	-	*	*	1	TENSION RELEASE DRIVING LEVER STOPPER RETAINING PLATE
3	414780	-	*	*	-	*	*	2	TENSION RELEASE DRIVING LEVER STOPPER SCREW
4	552595	-	*	*	-	*	*	1	TENSION RELEASE WIRE GUIDE, TUBE COMPLETE
5	541166-003	-	*	*	-	*	*	2	TENSION RELEASE WIRE STAKING PIPE LOCK NUT
6	543327	-	*	*	-	*	*	1	TENSION RELEASE WIRE GUIDE TUBE CLAMPING PLATE (UPPER)
7	504010-452	-	*	*	-	*	*	2	TENSION RELEASE WIRE GUIDE TUBE CLAMPING PLATE (UPPER) SCREW
8	543327	-	*	*	-	*	*	1	TENSION RELEASE WIRE GUIDE TUBE CLAMPING PLATE (LOWER)
9	504010-452	-	*	*	-	*	*	2	TENSION RELEASE WIRE GUIDE TUBE CLAMPING PLATE (LOWER) SCREW
10	544144	-	*	*	-	*	*	1	TENSION RELEASE WIRE SHEAVE SCREW
11	552601	-	*	*	-	*	*	1	TENSION RELEASE LEVER BRACKET
12	552602	-	*	*	-	*	*	1	TENSION RELEASE LEVER
13	552603	-	*	*	-	*	*	1	TENSION RELEASE LEVER PIN
14	552604	-	*	*	-	*	*	1	TENSION RELEASE LEVER BLOCK
15	544256	-	*	*	-	*	*	1	TENSION RELEASE LEVER BLOCK SCREW
16	552605	-	*	*	-	*	*	1	TENSION RELEASE LEVER LINK
17	368247	-	*	*	-	*	*	2	TENSION RELEASE LEVER LINK HINGE SCREW
18	552606	-	*	*	-	*	*	1	TENSION RELEASE ACTUATING SLIDE PLATE
19	368247	-	*	*	-	*	*	2	TENSION RELEASE ACTUATING SLIDE PLATE HINGE SCREW
20	544213-052	-	*	*	-	*	*	2	TENSION RELEASE LEVER BRACKET SCREW
21	281533	-	*	*	-	*	*	1	TENSION RELEASE ACTUATING SLIDE PLATE SPRING

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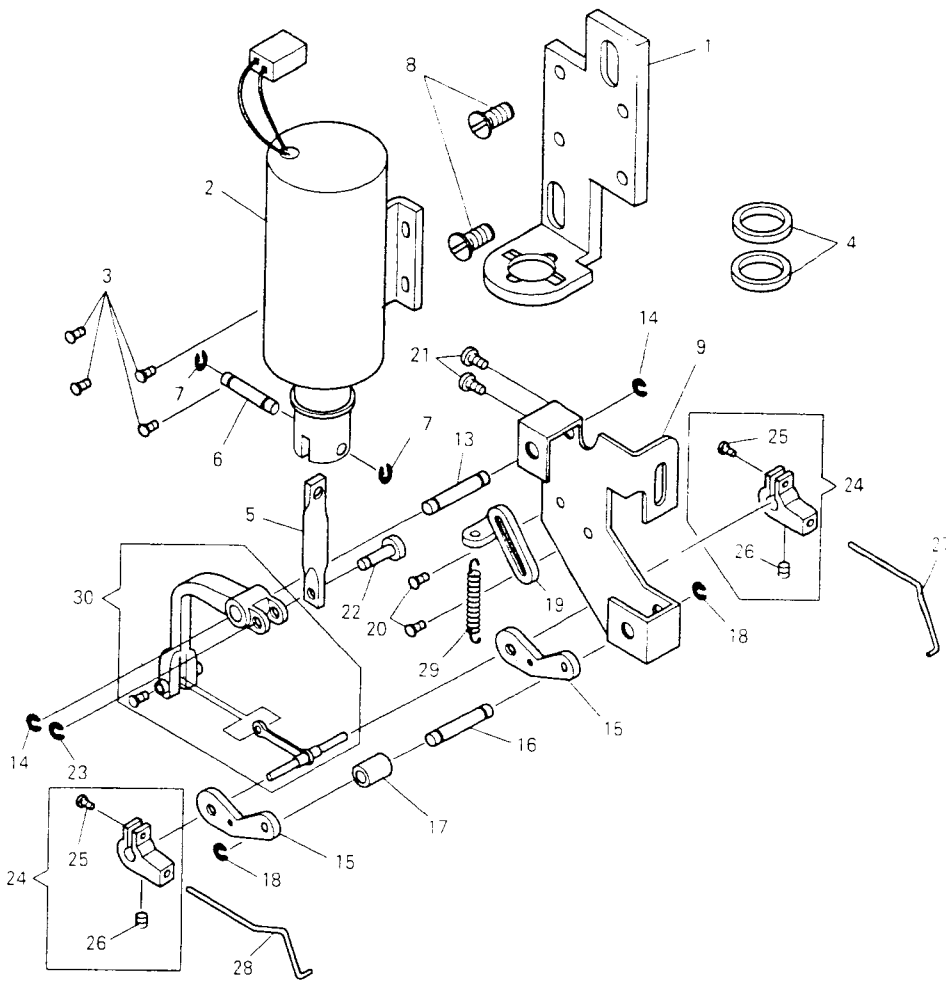
BACK TACK MECHANISM / BACK TACK SWITCH



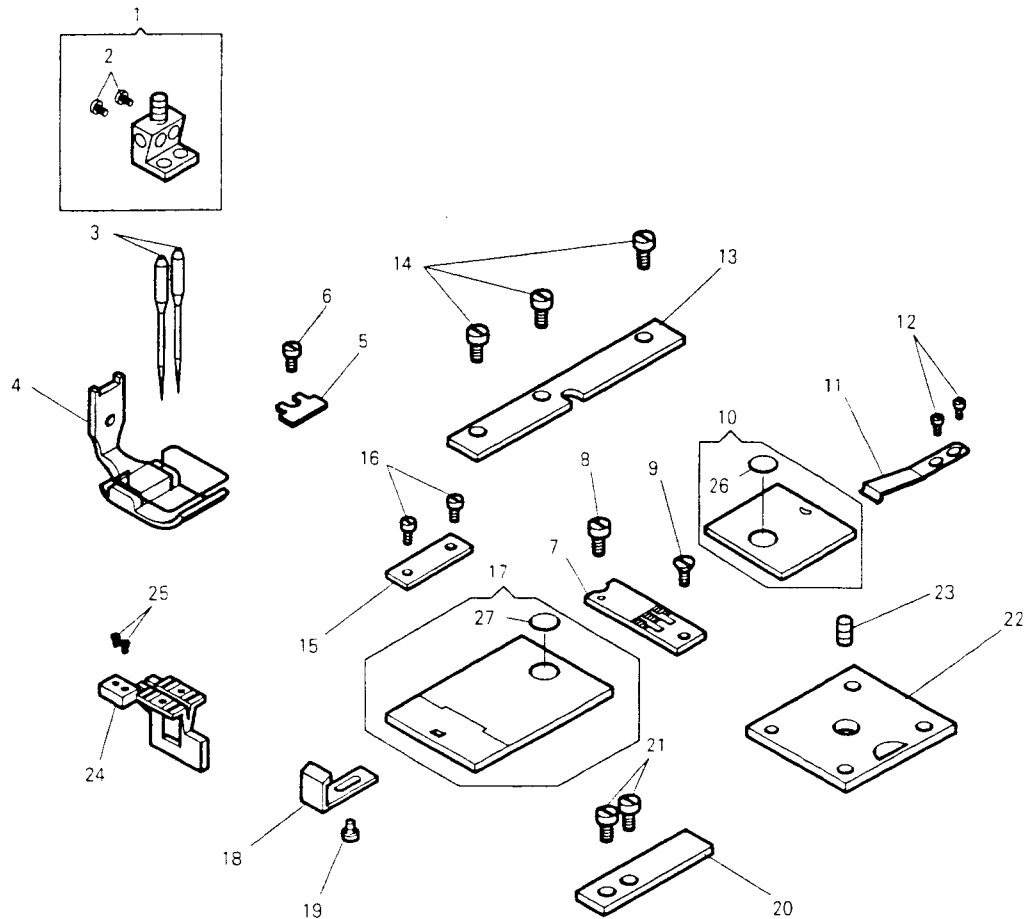
NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	369335	-	-	*	-	-	*	1	BACK TACK SOLENOID COMPLETE
2	543804-005	-	-	*	-	-	*	2	BACK TACK SOLENOID WASHER
3	543805-005	-	-	*	-	-	*	2	BACK TACK SOLENOID SPRING WASHER
4	541167-003	-	-	*	-	-	*	2	BACK TACK SOLENOID NUT
5	552609	-	-	*	-	-	*	1	BACK TACK SOLENOID BRACKET
6	374108-010	-	-	*	-	-	*	2	BACK TACK SOLENOID BRACKET SCREW
7	417142-001	-	-	*	-	-	*	2	BACK TACK SOLENOID WIRE CONNECTOR
8	554980	-	-	*	-	-	*	1	BACK TACK SOLENOID ARM COMPLETE
9	414750-002	-	-	*	-	-	*	1	BACK TACK SOLENOID ARM PINCH SCREW
10	552612	-	-	*	-	-	*	1	BACK TACK SOLENOID LINK
11	374546	-	-	*	-	-	*	2	BACK TACK SOLENOID LINK HINGE SCREW
12	545422	-	-	*	-	-	*	2	BACK TACK SOLENOID LINK HINGE SCREW NUT
13	552613	-	-	*	-	-	*	1	FEED REVERSE LEVER SHAFT
14	374107-004	-	-	*	-	-	*	1	ACTUATING ARM COMPLETE
15	552616	-	-	*	-	-	*	1	FEED REVERSE LEVER SHAFT
16	419009	-	-	*	-	-	*	1	ACTUATING ARM PINCH SCREW
17	368467	-	-	*	-	-	*	1	WIPER, BACK TACK SWITCH BOX
18	544211-056	-	-	*	-	-	*	2	WIPER, BACK TACK SWITCH CORD, CONNECTOR COMP.
19	544211-001	-	-	*	-	-	*	2	BACK TACK SWITCH PLATE
20	376146	-	-	*	-	-	*	1	BACK TACK SWITCH PLATE SCREW
21	374110-002	-	-	*	-	-	*	1	WIPER SWITCH SCREW
22	552618	-	-	*	-	-	*	1	BACK TACK SWITCH LEVER BUTTON
23	375733	-	-	*	-	-	*	1	BACK TACK SWITCH LEVER BUTTON SCREW
24	375732	-	-	*	-	-	*	1	BACK TACK SWITCH LEVER
25	543801-015	-	-	*	-	-	*	1	BACK TACK SWITCH LEVER SHAFT
		-	-	*	-	-	*	1	SNAP RING

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
26	545246-452	-	-	*	-	-	*	1	BACK TACK SWITCH LEVER SCREW
27	544217-052	-	-	*	-	-	*	2	WIPER, BACK TACK SWITCH BOX SCREW
28	542766-005	-	-	*	-	-	*	1	WIPER, BACK TACK SWITCH CORD CLIP
29	543803-003	-	-	*	-	-	*	1	WIPER, BACK TACK SWITCH CORD CLIP
30	418400-452	-	-	*	-	-	*	1	SCREW WASHER
31	375014-452	-	-	*	-	-	*	1	WIPER SWITCH BOX RUBBER PLUG (MIDDLE)
32	418400-452	-	-	*	-	-	*	1	WIPER SWITCH BOX RUBBER PLUG (LARGE)
33	554884	-	-	*	-	-	*	1	WIPER SWITCH BOX RUBBER PLUG (SMALL)
		-	-	*	-	-	*	1	WIPER, BACK TACK SWITCH BOX GROMMETS

WIPER

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GAUGE PARTS



NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	Y-T-O	DESCRIPTION
1	412040-006	*	*	*	*	*	*	1	NEEDLE HOLDER COMP. (1/8", 3.2mm)
1	412040-012	*	*	*	*	*	*	1	NEEDLE HOLDER COMP. (3/16", 4.8mm) (STANDARD)
1	412040-016	*	*	*	*	*	*	1	NEEDLE HOLDER COMP. (1/4", 6.4mm) (STANDARD)
1	412040-020	*	*	*	*	*	*	1	NEEDLE HOLDER COMP. (5/16", 7.9mm)
1	412040-024	*	*	*	*	*	*	1	NEEDLE HOLDER COMP. (3/8", 9.5mm)
1	412040-100	*	*	*	*	*	*	1	NEEDLE HOLDER COMP. (1", 25.4mm)
2	374456	*	*	*	*	*	*	2	NEEDLE SET SCREW
3	N19550-114	*	*	*	*	*	*	2	NEEDLE (CAT. NO. 1955-01 #14)
3	N19550-121	*	*	*	*	*	*	2	NEEDLE (CAT. NO. 1955-01 #21)
4	554670-008	*	*	*	*	*	*	1	PRESSER FOOT COMP. (1/8", 3.2mm)
4	554670-012	*	*	*	*	*	*	1	PRESSER FOOT COMP. (3/16", 4.8mm) (STANDARD)
4	554670-016	*	*	*	*	*	*	1	PRESSER FOOT COMP. (1/4", 6.4mm) (STANDARD)
4	554670-020	*	*	*	*	*	*	1	PRESSER FOOT COMP. (5/16", 7.9mm)
4	554670-024	*	*	*	*	*	*	1	PRESSER FOOT COMP. (3/8", 9.5mm)
4	554670-100	*	*	*	*	*	*	1	PRESSER FOOT COMP. (1", 25.4mm)
5	416604	*	*	*	*	*	*	1	THREAD GAUGE (1/8", 3/16", 1/4", 5/16", 3/8", 1")
6	544450	*	*	*	*	*	*	1	THREAD GUARD SCREW
7	412039-008	*	*	*	*	*	*	1	THROAT PLATE (1/8", 3.2mm)
7	412039-012	*	*	*	*	*	*	1	THROAT PLATE (3/16", 4.8mm) (STANDARD)
7	412039-016	*	*	*	*	*	*	1	THROAT PLATE (1/4", 6.4mm) (STANDARD)
7	412039-020	*	*	*	*	*	*	1	THROAT PLATE (5/16", 7.9mm)
7	412039-024	*	*	*	*	*	*	1	THROAT PLATE (3/8", 9.5mm)
7	412039-100	*	*	*	*	*	*	1	THROAT PLATE (1", 25.4mm)
7	281068-008	*	*	*	*	*	*	1	THROAT PLATE (1/8", 3.2mm)
7	281068-012	*	*	*	*	*	*	1	THROAT PLATE (3/16", 4.8mm) (STANDARD)
7	281068-016	*	*	*	*	*	*	1	THROAT PLATE (1/4", 6.4mm) (STANDARD)
7	281068-020	*	*	*	*	*	*	1	THROAT PLATE (5/16", 7.9mm)
7	281068-024	*	*	*	*	*	*	1	THROAT PLATE (3/8", 9.5mm)
7	281068-100	*	*	*	*	*	*	1	THROAT PLATE (1", 25.4mm)

NO.	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	Y-T-O	DESCRIPTION
8	544382-452	*	*	*	*	*	*	1	THROAT PLATE CLAMP SCREW
9	691-845	*	*	*	*	*	*	1	THROAT PLATE SCREW
10	552814	*	*	*	*	*	*	1	BED SLIDE (RIGHT) COMP. (1/8", 3/16", 1/4", 5/16", 3/8")
10	552816	*	*	*	*	*	*	1	BED SLIDE (RIGHT) (1") COMP.
11	552419	*	*	*	*	*	*	1	BED SLIDE (RIGHT) SPRING PLATE
12	544269	*	*	*	*	*	*	2	BED SLIDE (RIGHT) SPRING PLATE SCREW
13	554453	*	*	*	*	*	*	1	BED COVER PLATE (RIGHT)
14	545137	*	*	*	*	*	*	3	BED COVER PLATE (RIGHT) SCREW
15	554651	*	*	*	*	*	*	1	BED COVER PLATE
16	414659	*	*	*	*	*	*	2	BED COVER PLATE SCREW
17	554615	*	*	*	*	*	*	1	BED SLIDE (LEFT) COMP. (1/8", 3/16", 1/4", 5/16", 3/8")
17	554990	*	*	*	*	*	*	1	BED SLIDE (LEFT) (1") COMP.
18	554476	*	*	*	*	*	*	1	BED SLIDE (LEFT) SPRING PLATE
19	544217-052	*	*	*	*	*	*	1	BED SLIDE (LEFT) SPRING PLATE SCREW
20	281069	*	*	*	*	*	*	1	BED COVER PLATE (LEFT)
21	545137	*	*	*	*	*	*	2	BED COVER PLATE (LEFT) SCREW
22	416756-452	*	*	*	*	*	*	1	ATTACHMENT SLIDE PLATE
22	281072	*	*	*	*	*	*	1	ATTACHMENT SLIDE PLATE
23	544389	*	*	*	*	*	*	1	ATTACHMENT SLIDE PLATE LOCK SCREW
24	412266-008	*	*	*	*	*	*	1	FEED DOG (1/8", 3.2mm)
24	412253-012	*	*	*	*	*	*	1	FEED DOG (3/16", 4.8mm) (STANDARD)
24	412254-016	*	*	*	*	*	*	1	FEED DOG (1/4", 6.4mm) (STANDARD)
24	412254-020	*	*	*	*	*	*	1	FEED DOG (5/16", 7.9mm)
24	412254-024	*	*	*	*	*	*	1	FEED DOG (3/8", 9.5mm)
24	412255-100	*	*	*	*	*	*	1	FEED DOG (1", 25.4mm)
24	281191-008	*	*	*	*	*	*	1	FEED DOG (1/8", 3.2mm)
24	281192-012	*	*	*	*	*	*	1	FEED DOG (3/16", 4.8mm) (STANDARD)
24	281193-016	*	*	*	*	*	*	1	FEED DOG (1/4", 6.4mm) (STANDARD)
24	281193-020	*	*	*	*	*	*	1	FEED DOG (5/16", 7.9mm)
24	281193-024	*	*	*	*	*	*	1	FEED DOG (3/8", 9.5mm)
24	281195-100	*	*	*	*	*	*	1	FEED DOG (1", 25.4mm)
25	544399	*	*	*	*	*	*	2	FEED DOG SCREW
26	552415	*	*	*	*	*	*	1	THROAT PLATE WINDOW
27	552416	*	*	*	*	*	*	1	THROAT PLATE WINDOW

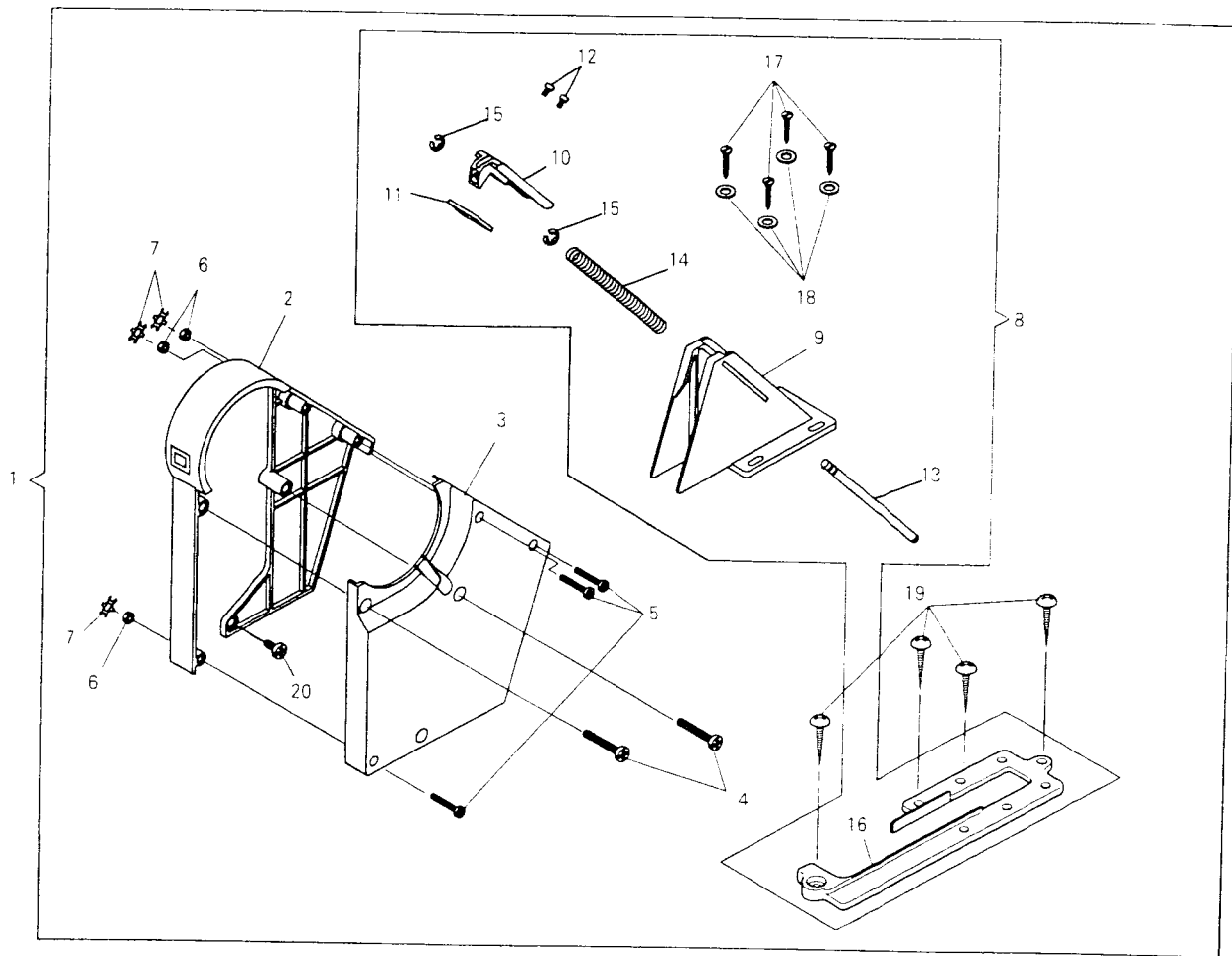
ACCESSORIES AND ATTACHMENTS 1

This diagram illustrates the assembly of a rectangular container with various accessories and attachments. The components are labeled as follows:

- 1**: The main rectangular container.
- 2**: Multiple screws used for assembly.
- 3**: A conical cap or plug.
- 4**: A cylindrical component, possibly a filter or a cap.
- 5**: Two small circular components, possibly gaskets or seals.
- 6**: A large metal bracket or support structure.
- 7**: A long metal rod or shaft.
- 8**: A small circular component, possibly a gasket or seal.
- 9**: A small rectangular component, possibly a gasket or seal.
- 10**: A small cylindrical component, possibly a gasket or seal.
- 11**: A small hexagonal nut or washer.
- 12**: A bracket or support structure.
- 13**: A hexagonal nut or washer.
- 14**: A hexagonal nut or washer.
- 15**: A hexagonal nut or washer.
- 16**: A spring or coiled wire.
- 17**: A group of small screws or fasteners.
- 18**: A long metal rod or shaft.
- 19**: A bracket or support structure.
- 20**: A group of circular components, possibly gaskets or seals.

[illegible]

ACCESSORIES AND ATTACHMENTS 2

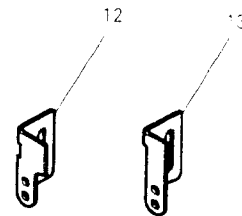
[illegible][illegible]

This diagram illustrates the components of a Singer sewing machine, numbered 1 through 28. The parts include:

- 1: Main body of the sewing machine.
- 2: Screws for the main body.
- 3: Base plate.
- 4: Feet for the main body.
- 5: Screws for the feet.
- 6: Screws for the main body.
- 7: Screws for the motor.
- 8: Screws for the motor.
- 9: Screwdriver.
- 10: Screwdriver.
- 11: Singer Needle box.
- 12: Screws for the needle.
- 13: Needle.
- 14: Oil can.
- 15: Singer Oil can.
- 16: Motor.
- 17: Screws for the motor.
- 18: Foot.
- 19: Foot.
- 20: Foot.
- 21: Foot.
- 22: Foot.
- 23: Foot.
- 24: Foot.
- 25: Screws for the foot.
- 26: Foot.
- 27: Foot.
- 28: Foot.

NO	PART NO.	141AA	141BA	141GA	541AA	541BA	541GA	QTY	DESCRIPTION
1	412212	*	*	*	*	*	*	2	MACHINE HINGE CONNECTION
2	544381	*	*	*	*	*	*	4	MACHINE HINGE CONNECTION SCREW
3	540523	*	*	*	*	*	*	2	MACHINE HINGE CONNECTION CUSHION
4	410570	*	*	*	*	*	*	2	MACHINE REST (FRONT)
5	410571	*	*	*	*	*	*	2	MACHINE REST (BACK)
6	546920-002	*	*	*	*	*	*	6	NAIL
7	545295	*	*	*	*	*	*	1	ATTACHMENT SCREW (SMALL)
8	544388	*	*	*	*	*	*	1	ATTACHMENT SCREW (LARGE)
9	541514	*	*	*	*	*	*	1	SCREW DRIVER (SMALL)
10	548701	*	*	*	*	*	*	1	SCREW DRIVER (LONG)
11	N19550-114	—	—	—	*	—	—	5	NEEDLE (CAT.NO.1955-01 #14
11	N19550-121	—	—	—	*	—	—	5	NEEDLE (CAT.NO.1955-01 #21)
12	282762	*	*	*	—	—	—	4	BOBBIN
12	282763	—	—	—	*	—	—	4	BOBBIN
12	282764	—	—	—	*	—	—	4	BOBBIN
13	411313	*	*	*	*	*	*	1	MACHINE REST PIN
14	541571	*	*	*	*	*	*	1	OILER
15	414407	*	*	*	*	*	*	1	MACHINE COVER
16	554471-453	*	*	*	*	*	*	1	THREAD UNWINDER COMP.
17	417195	—	*	*	—	—	—	2	ANTI SPILL SPRING
17	417269	—	—	—	—	—	—	2	ANTI SPILL SPRING
18	368444	—	*	*	—	*	*	1	SCREW DRIVER
19	543066-001	*	*	*	*	*	*	1	WRENCH (FOR M4)
20	418441-001	—	*	*	—	*	*	1	WRENCH (FOR M3)
21	548228	—	*	*	—	*	*	2	TRAPPER ADJUSTING WASHER
22	281199	—	*	*	—	*	*	1	SENSOR RETAINER COMP
23	541196	—	*	*	—	*	*	1	SENSOR RETAINER LOCK NUT
24	540899	—	*	*	—	*	*	1	CORD RETAINER
25	554741	*	*	*	*	*	*	2	TENSION SPRING
26	541561	*	*	*	*	*	*	1	SCREW DRIVER
27	418445	*	*	*	*	*	*	1	OIL CAN (450 cc, TYPE 'C')
28	418441-003	—	*	*	—	*	*	1	WRENCH

[illegible]



NO	PART NO	DESCRIPTION
	141AA	
	141BA	
	141GA	
	541AA	
	541BA	
	541GA	
	KTD	

