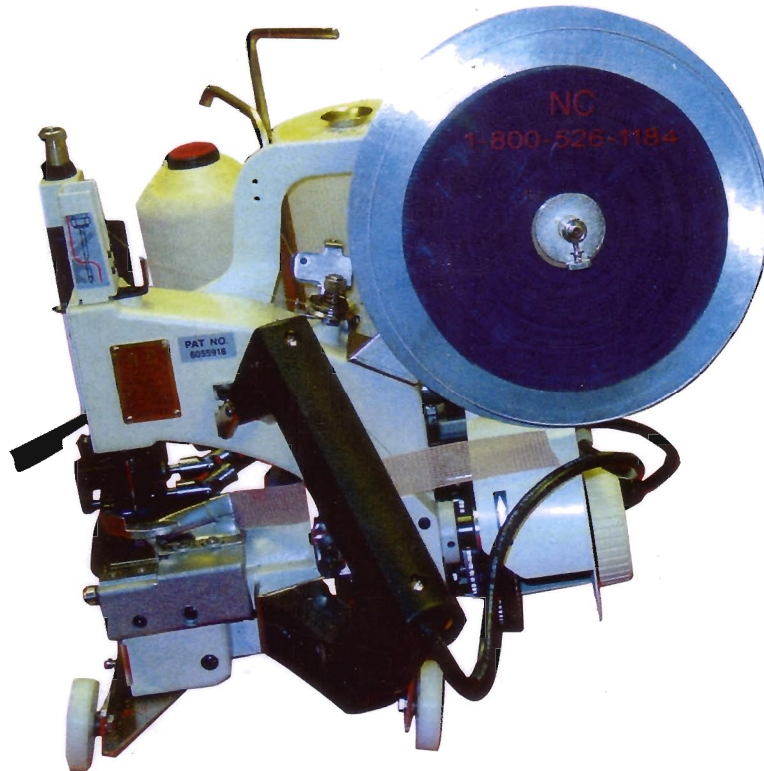


N-C MILLENNIUM 2000-5

By N-C Carpet Binding and Equipment Corp.



Parts and Instruction Manual

PORTABLE BOBBINLESS CARPET BINDING MACHINE

N-C Carpet Binding and Equipment Corp
858 Summer Avenue, Newark, New Jersey 07104
Tel: 973-481-3500 * Fax: 973-481-0839
TOLL FREE: 800-526-1184 * CANADA: 800-336-1184
Web: www.n-ccarpet.com * E-mail: nccarpet1@aol.com



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1. SPECIFICATIONS

TECHNICAL DETAILS FOR N-C MILLENNIUM

Stitch Type	Double Thread Chain Lock Stitch
Revolution (rpm)	700
Needle	S25 Lg. Pt.
Looper Thread	S9/10
Needle Thread	S8L Mono
Drive Motor	50/60W
Power Supply	110, 220 or 240V, A.C. (Specify one) 50-60Hz, Single Phase
Net Weight (kg)	23 lbs. (10.45 kg.)
Machine Dimension (mm)	450 (L) 320 (W) 350 (H)
Packing Dimension (cft)	3.7

STANDARD ACCESSORIES

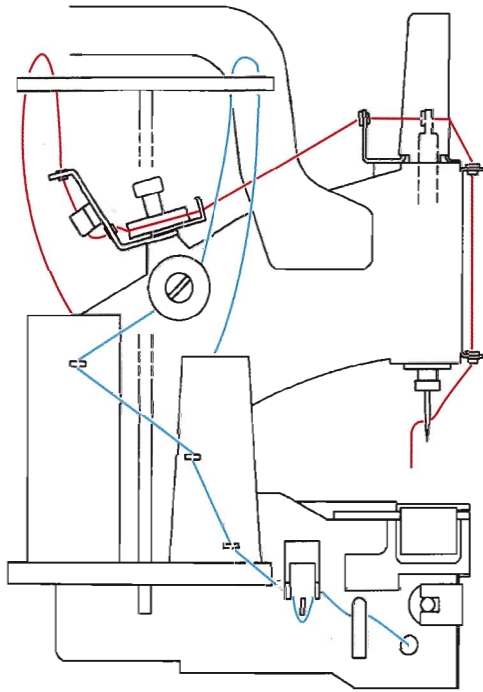
1. N-C NEEDLES - S24	4 PIECES
2. NEEDLE BAR WRENCH	1 PIECE
3. OIL & OIL CAN	1 CAN
4. TWEEZER	1 PIECE
5. LOOPER AND NEEDLE BAR GAUGE	1 PIECE
6. S8L MONO NEEDLE THREAD	1 PIECE
7. S10 LOOPER THREAD	1 PIECE

RECOMMENDED REPLACEMENT PARTS

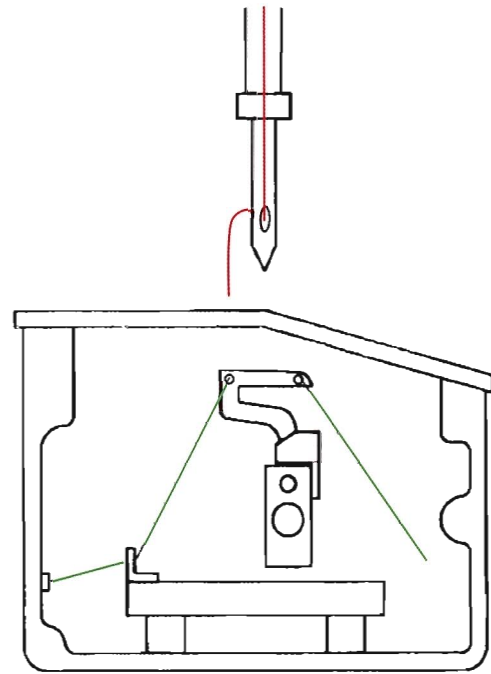
1.	M189	Looper
2.	M191	Rear Needle Guard
3.	M192	Screw
4.	M193	Screw
5.	M194	Screw
6.	M295	Feed Dog
7.	M306	Front Needle Guard
8.	M307	Screws for Needle Guard
9.	M270	Nut for Needle Bar

THREADING CHART

N-C 2000 (Exploded View)



REAR VIEW



SIDE VIEW

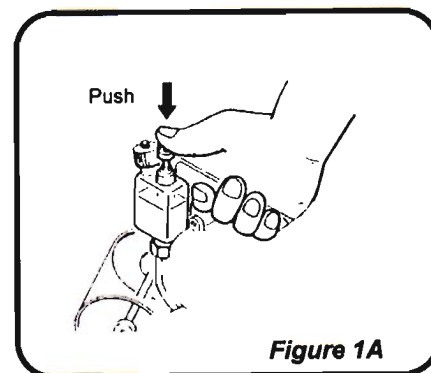
2C. THREADING

Your N-C 2000 machine comes threaded. The millennium needle thread is S8L mono, while its looper thread is S9/10 cotton. All millennium threading charts are color coded and displayed on each unit. Simply follow the different colors.

2. PREPARATION FOR START

2A. Oiling (Fig. 1A)

Oiling is important to keep your N-C machine in good running condition. Fill the rear oil reservoir and simply push the button a few times (Fig. 1A) until oil reaches the unit. Pump oil reservoir daily. Do not run the machine without oil.



2B. Inserting New Needle

Turn the pulley clockwise until needle bar reaches highest position. Loosen needle bar clamping nut, and put N-C needle up in the bar as high as it will go.

Be sure to set the needle with its scarf (indentation) facing the inside of machine. Tighten the nut securely or needle may come loose during operation.

*** MAINTENANCE HELP ***

- ▶ **PLEASE BE AWARE OF THIS:** Should your looper thread (**BOTTOM THREAD**) break or have to be replaced, you must first remove your monofilament thread from the eye of the needle.
- ▶ Put in a new needle for each days work (**refer to decal on machine or page 5 of user manual**)
- ▶ Please blow out looper area after each days work. Canned air is available for your convenience (N-C'S Part Number: CANBLOW)
- ▶ Do not lean on machine while backing up. If you lean on the machine or put any part of your body on the area rug while operating, you may be holding the machine back. This may result in missed stitches.
- ▶ **It is necessary to clean dirt buildup between top tension discs DAILY. The accumulation of lint between these discs will cause your machine to sew erratically.**

3. ADJUSTMENTS

3A. Setting Needle Bar Height

Turn handwheel (large pulley) clockwise (away from operator) until needle bar reaches its highest point. Then insert 9/16" needle bar gauge underneath point of needle and on top of needle plate as shown in Fig. 2. If adjustment is needed, simply loosen screw 4 in Fig. 3 and move accordingly. Needle bar height must be correct before timing the looper.

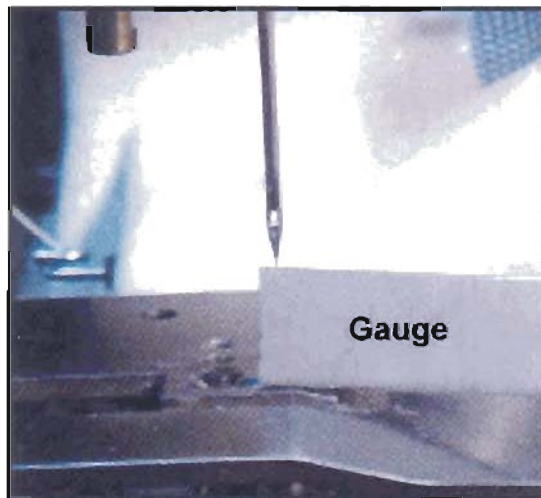


Figure 2

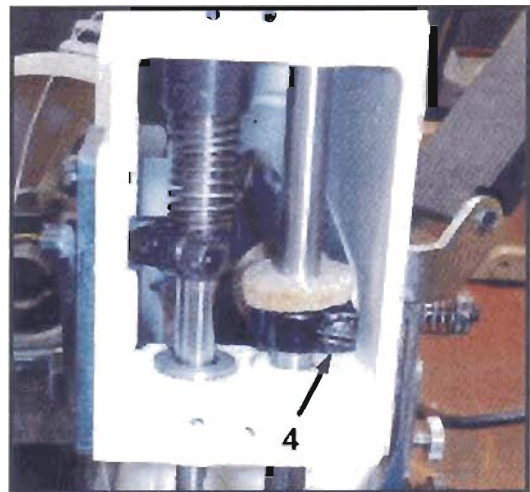
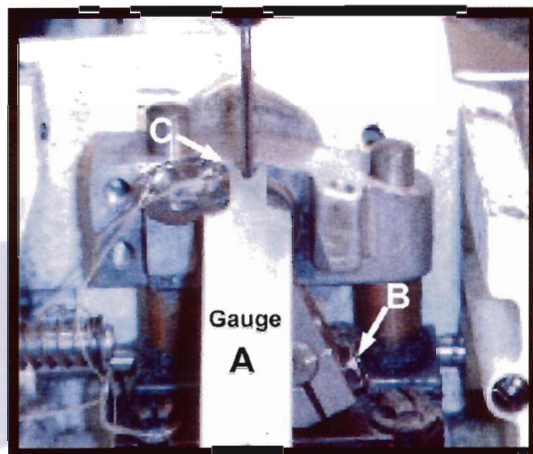


Figure 3

3B. TIMING THE LOOPER

3B. Timing the Looper

Turn handwheel (large pulley) clockwise (away from you) until needle bar reaches its lowest position. Put looper gauge (A), Fig. 1 over needle and slide gauge down needle as shown in Fig. 1. The point of the looper (C), Fig. 1, should slightly touch the gauge (A), Fig. 1 as you move it up and down.



If adjustment is needed, simply loosen screw Fig. 1 B and move looper accordingly.

NOTE: Please make sure that you keep the looper as close the back of the needle as possible without touching.

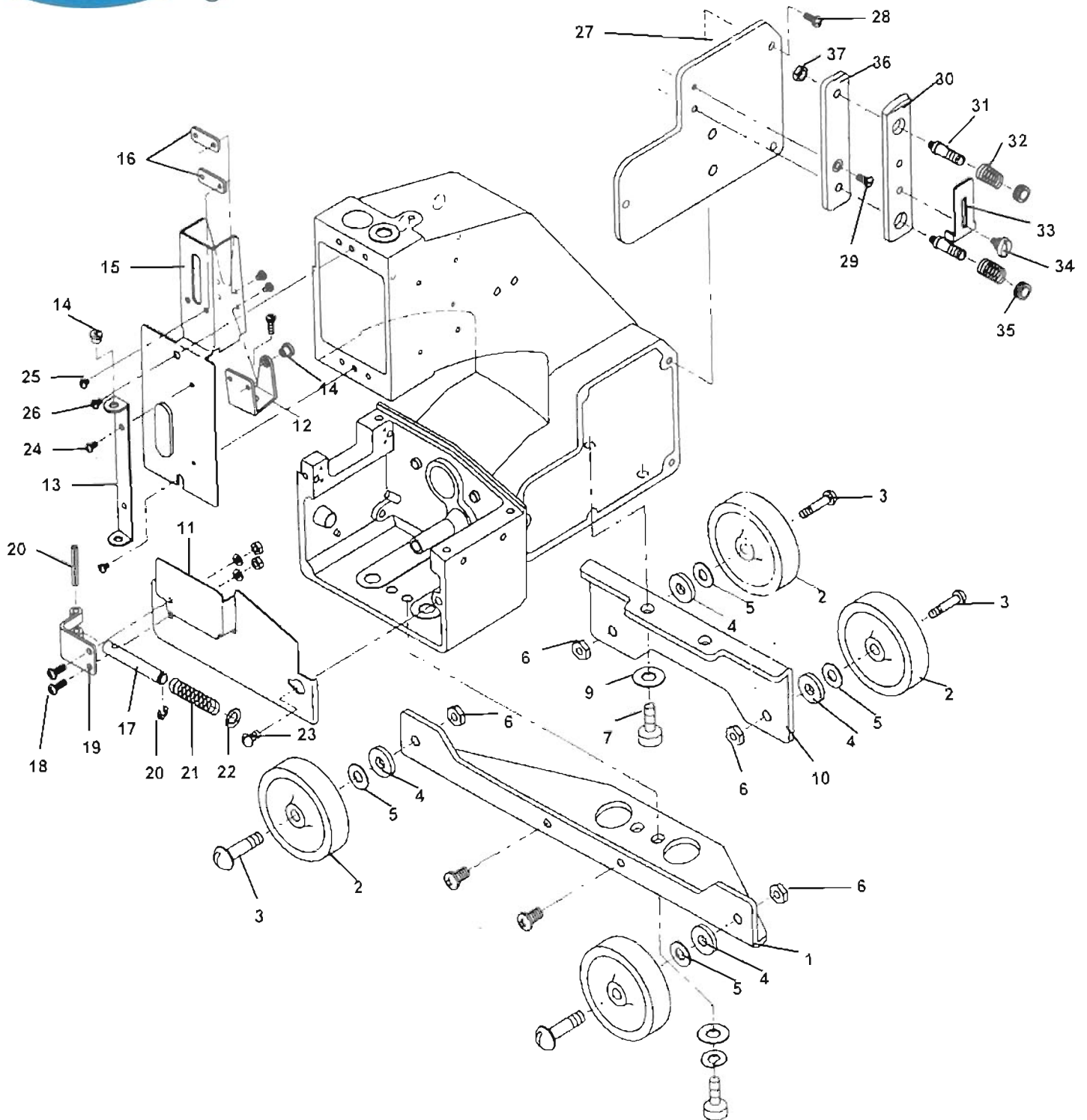
4. MAINTENANCE AND LUBRICATION

Clean machine thoroughly at the end of each day's work. Care should also be taken to keep the machine free from dampness and/or moisture.

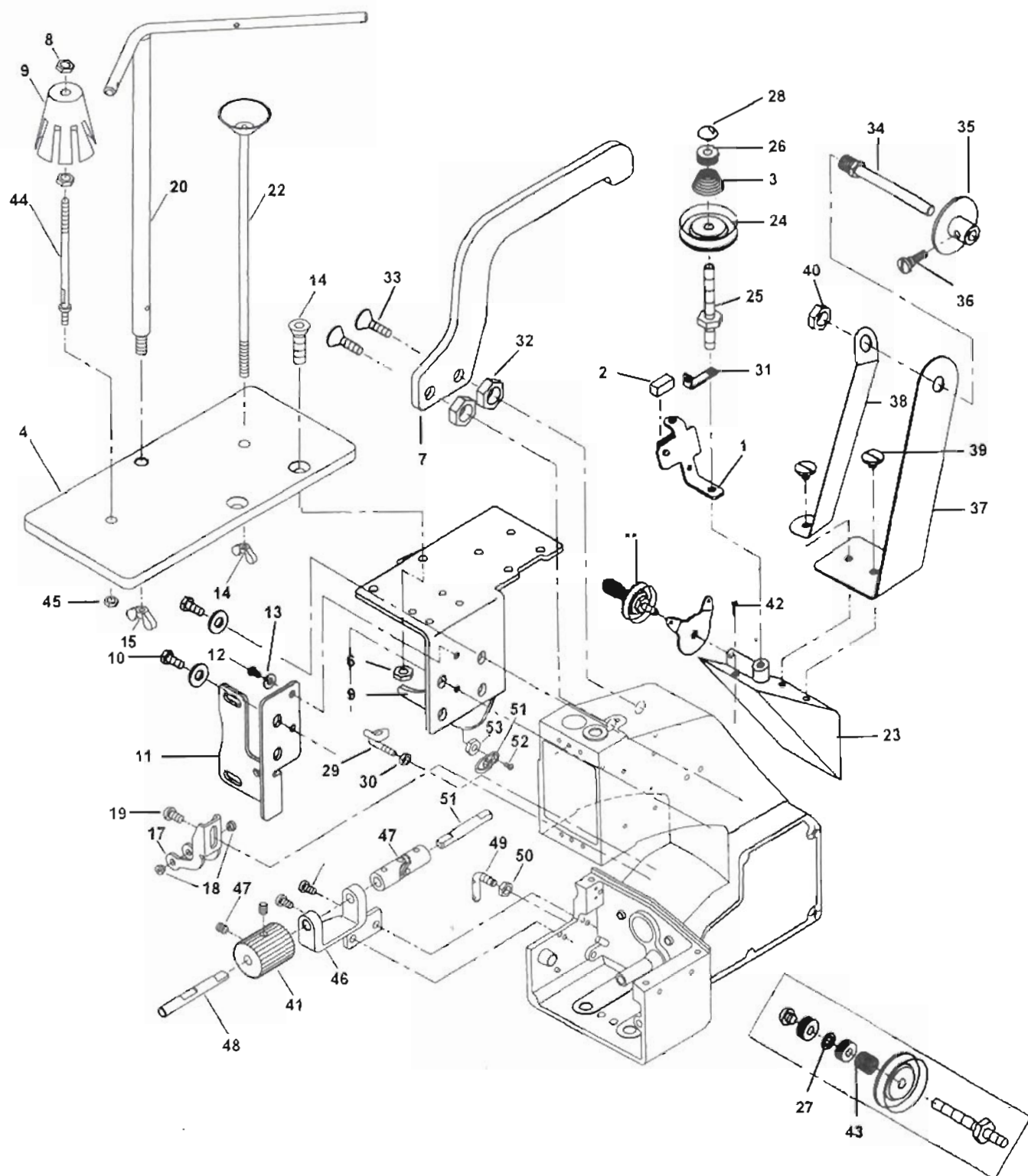
IMPORTANT

When adjusting the machine or parts, always disconnect the Electric Cord from the power source. This is important for safety to the operator and/or technician.

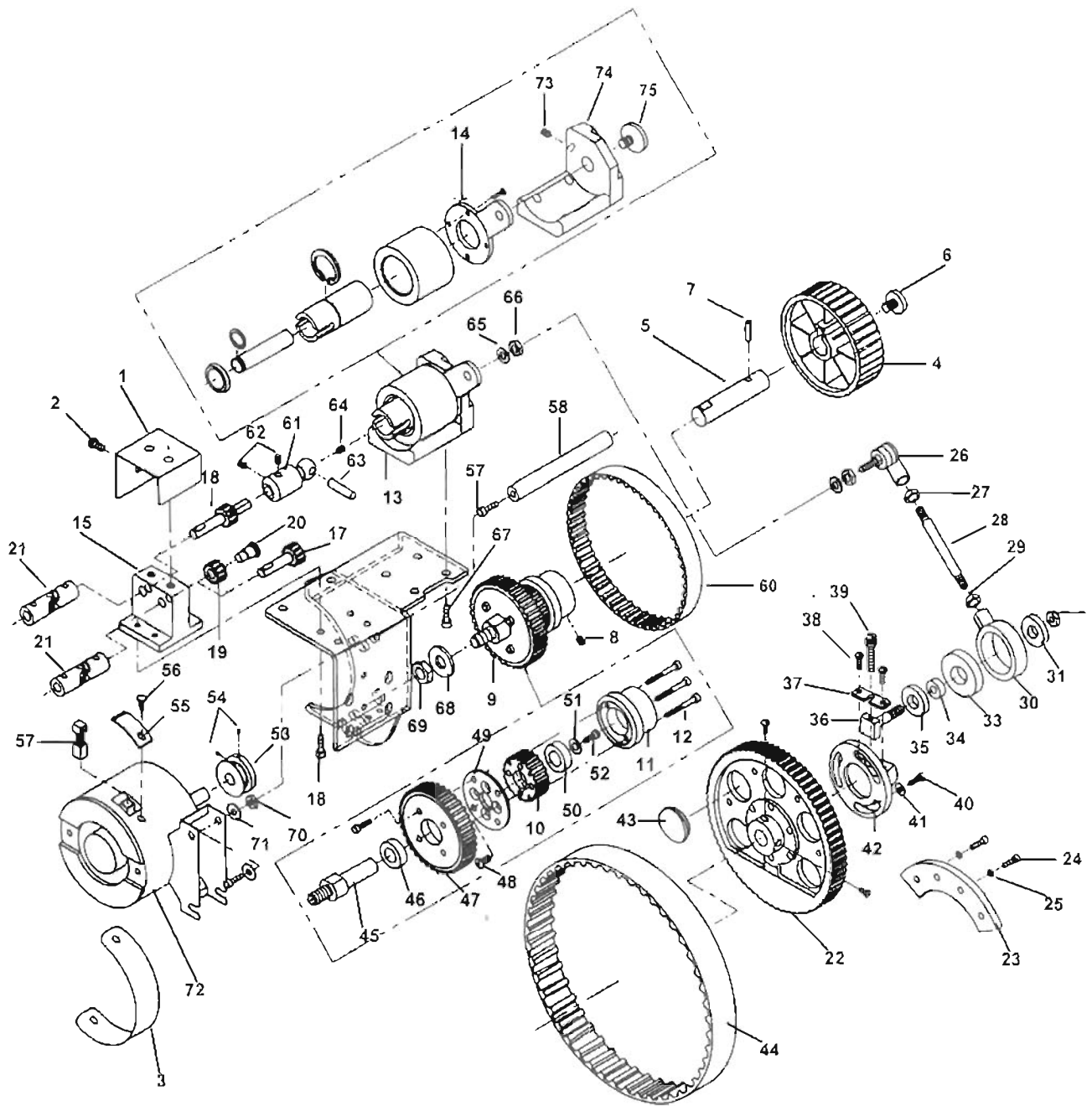
The use of N-C Stainless Oil is strongly recommended. N-C Stainless Oil is available in quart, gallon and 5 gallon containers. N-C Oil may be used on any industrial equipment.



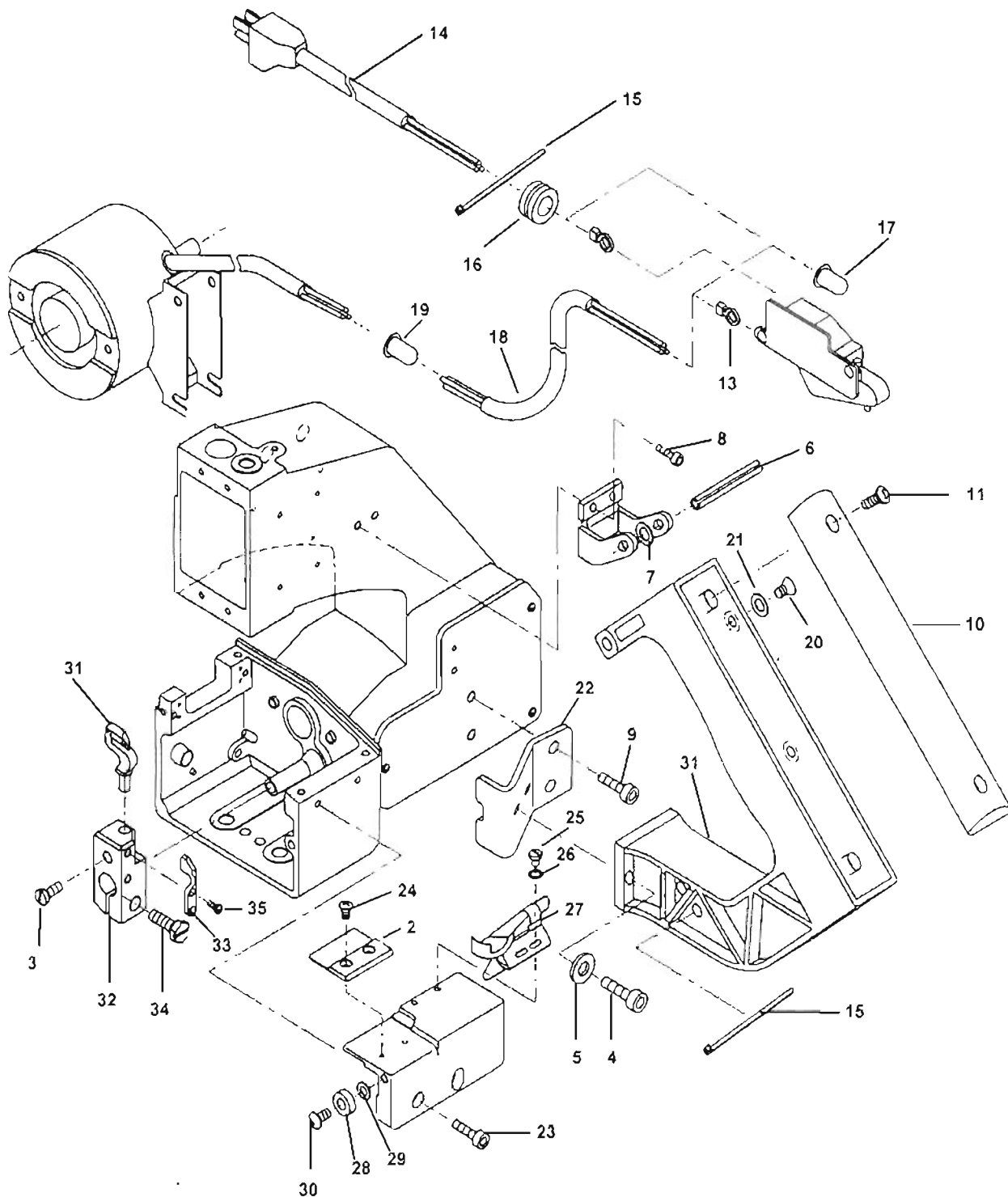
Ref No.	Part No.	Description	Quantity
1	M1NS	Caster Installing Plate A	1
2	M2NS	Caster	4
3	M3NS	Caster Stud	4
4	M4N	Washer	4
5	M4NS	Washer	4
6	M6NS	Nut	4
7	M7NS	Screw	4
8	M8NS	Spring Washer	2
9	M9NS	Washer	4
10	M10NS	Caster Installing Plate B	1
11	M11NS	Looper Cover	1
12	M26	Face Plate Thread Guide B	1
13	M30	Face Plate Thread Guide C	1
14	M27	Eyelet	1
15	M24	Face Plate	1
16	M25	Thread Guide	2
17	M13	Hinge Shaft	1
18	M18	Screw	1
19	M12	Looper Cover Hinge	1
20	M17	Ring Clip	1
21	M15	Spring	1
22	M14	Washer	1
23	M21	Screw	1
24	M31	Screw	1
25	M28	Screw	1
26	M29	Screw	1
27	M22	Slide Plate	1
28	M23	Screw	3
29	M43	Screw	1
30	M37	Tape Guide	1
31	M38	Tension Stud	2
32	M39	Spring	2
33	M35	Tape Guide Plate	1
34	M41	Tape Guide Screw	1
35	M40	Tension Nut	2
36	M36	Tape Guide Base	1
37	M42	Nut	1



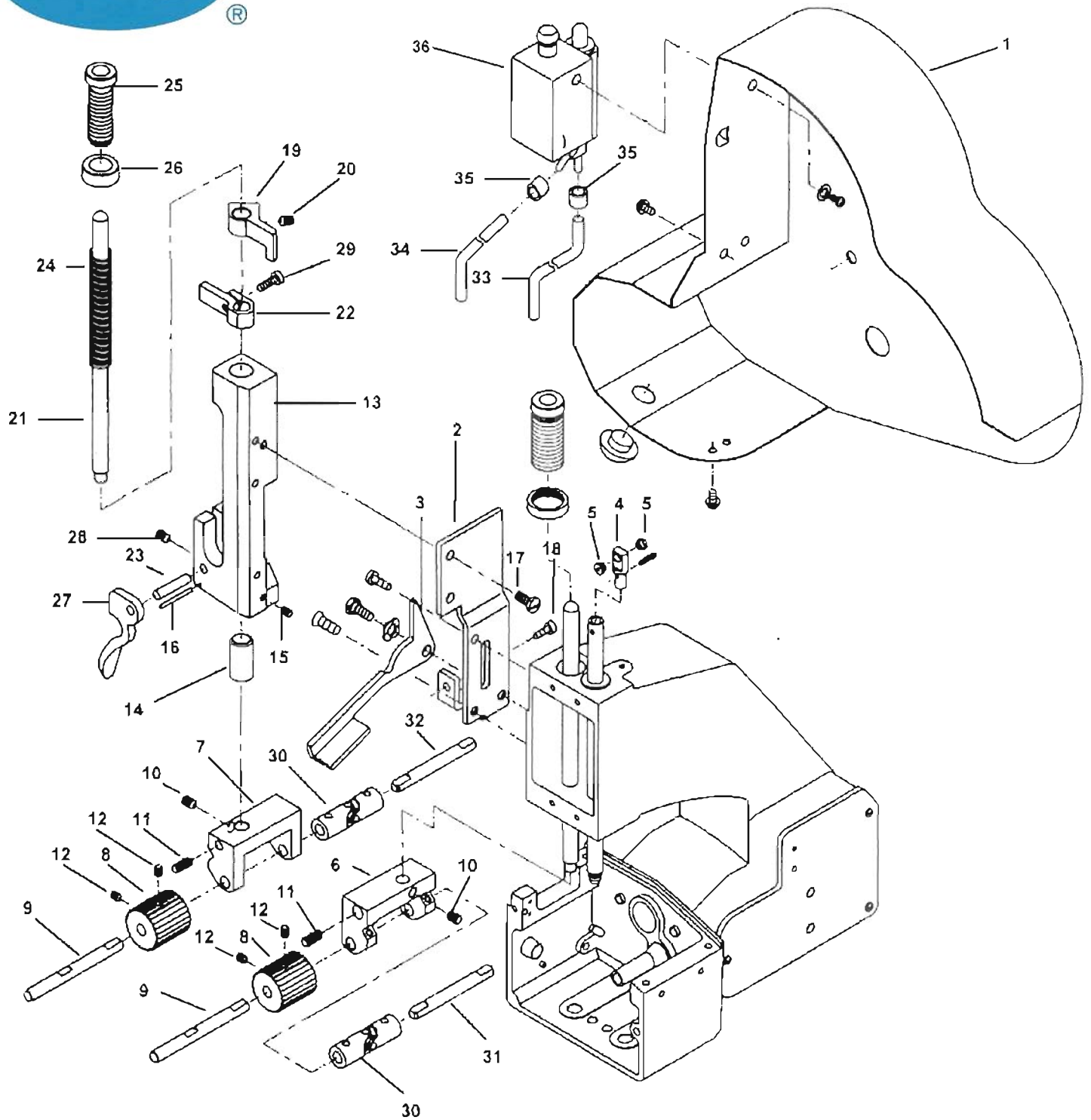
Ref No.	Part No.	Description	Quantity
1	M29NS	Thread Guide Assembly	1
2	M29F	Felt	1
3	M68	Spring	1
4	M50NS	Thread Stand	1
5	M61NS	Screw	2
6	M61NSN	Nut	2
7	M76	Handle	1
8	M363	Nut	1
9	M364	Umbrella	1
10	M82	Screw	2
11	M81NS2	Motor Bracket	1
12	M82NS	Screw	2
13	M83	Washer	2
14	M366	Wing Nut	1
15	M367	Wing Nut	1
16	M87NS	Screw	2
17	M308	Thread Take-up Lever Thread Guide	1
18	M309	Eyelet	2
19	M310	Screw	1
20	M311	Thread Guide Bar	1
21	M311S	Screw	1
22	M55NS	Cannister Clamping Rod	1
23	M89	Top Cover	1
24	M67	Tension Discs	4
25	M66	Tension Post	2
26	M69	Tension Nut	2
27	M70	Washer	1
28	M71	Screw	2
29	M62	Thread Guide	1
30	M63	Nut	1
31	M73	Tension Eyelet	1
32	M78	Nut	2
33	M77	Screw	2
34	M46	Tape Holder Shaft	1
35	M74	Tape Holder	1
36	M75	Tape Holder Screw	1
37	M44	Tape Holder Bracket	1
38	M45	Rear Tape Holder Bracket	1
39	M77	Screw	1
40	M48	Nut	2
41	M195NS	Roller	3
42	M84	Screw	1
43	M90	Spring (weak)	1
44	M365	Rod	1
45	M368	Nut	1
46	M370	Lower Roller Support	1
47	M110NS	Ball Joint	3
48	M195S	Roller Shaft	3
49	M370	Thread Guide Tube	1
50	M371	Nut	1
51	M372	Bottom Connecting Shaft	1



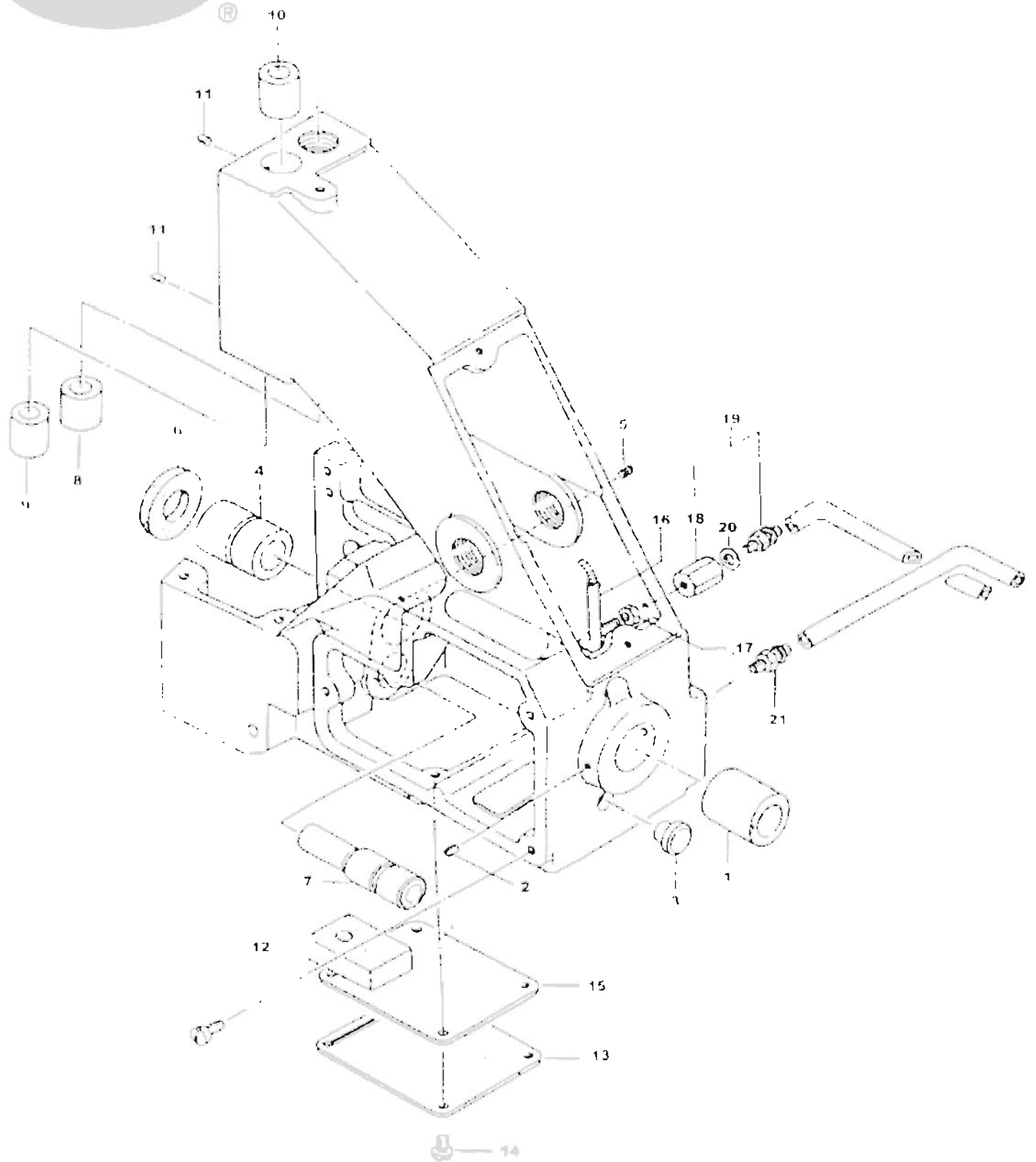
Ref No.	Part No.	Description	Quantity
1	M312	Roller Gear Base Cover	1
2	M313	Screw	1
3	M314	Motor Cover	1
4	M315	Handwheel	1
5	M316	Hand Pulley Stud	1
6	M317	Screw	1
7	M318	Spring Pin	1
8	M319	Screw	2
9	M125NS	Idler Assy.	1
10	M127NS	Pulley (Small)	(1)
11	M320	Pulley Coupling	(1)
12	M321	Screw	(3)
13	M145	Clutch Assy.	1
14	M150	Clutch Plate	(1)
15	M322NS	Roller Gear Base	1
16	M323	Screw	4
17	M197	Roller Driving Gear A	1
18	M198	Roller Driving Gear B	1
19	M199NS	Roller Driving Connecting Gear	1
20	M200NS	Stud Screw for Gear	1
21	M110NS	Universal Joint	2
22	M115	Pulley	1
23	M324	Balancer	1
24	M325	Screw	2
25	M326	Washer	2
26	M100	L-Ball	1
27	M103	Nut	1
28	M99	Connecting Rod	1
29	M104	Nut	1
30	M97	Connecting Arm	1
31	M96	Bearing Collar	1
32	M102	Nut	1
33	M98	Bearing	1
34	M95	Bearing Block	1
35	M96	Bearing Collar	1
36	M92	T Bolt	1
37	M94	Regulating Plate	1
38	M101	Screw	2
39	M93	Regulating Screw	1
40	M105	Screw	3
41	M106	Washer	3
42	M91	Feed Regulator	1
43	M116	Rubber Plug	1
44	M135	Timing Belt (Large)	1
45	M126	Idler Stud	1
46	M129	Bearing	2
47	M128	Pulley (Large)	1
48	M134	Screw	4
49	M132	Pulley Flange	1
50	M129	Bearing	2
51	M130	Washer	1
52	M131	Screw	1
53	M122	Motor Pulley	1
54	M123	Screw	2
55	M120	Motor Cap	1
56	M121	Screw	1
57	M119	Carbon Brush	2
58	M143	Pulley Cover Stud	1
59	M144	Screw	1
60	M124	Timing Belt	1
61	M111	Joint	1
62	M114	Screw	2
63	M112	Joint Pin	1
64	M113	Screw	1
65	M108	Washer	1
66	M107	Washer	1
67	M139	Screw	4
68	M140	Washer	2
69	M142	Nut	1
70	M138	Nut	2
71	M137	Washer	4
72	M118	Motor 110V or 220V	1
73	M360	Screw	4
74	M361	Shaft Holder	1
75	M362	Screw	1



Ref No.	Part No.	Description	Quantity
1	M158	Handle	1
2	M181NS	Binder Guide Plate	1
3	M193NS	Screw	1
4	M161	Screw	2
5	M162	Washer	2
6	M163	Roll Pin	1
7	M164	Washer	1
8	M165	Screw	2
9	M166	Screw	2
10	M167	Handle Cover	1
11	M168	Screw	2
12	M169	Switch Assembly	1
13	M170	Connector	2
14	M171	Electrical Cord	1
15	M172	Cable Band	2
16	M173	Rubber Bushing	1
17	M174	Connector	2
18	M175	Motor Cord	1
19	M176	Insulating Sleeve	3
20	M177	Screw	2
21	M178	Washer	2
22	M160	Handle Support	1
23	M180	Screw	2
24	M182	Screw	2
25	M183	Screw	2
26	M184	Washer	2
27	M185NS	Binder	1
28	M186	Bearing	2
29	M187	Washer	1
30	M188	Screw	1
31	M189	Looper	1
32	M190	Looper Rocker	1
33	M191	Looper Needle Guard	1
34	M192	Rocker Screw	1
35	M194	Screw	1

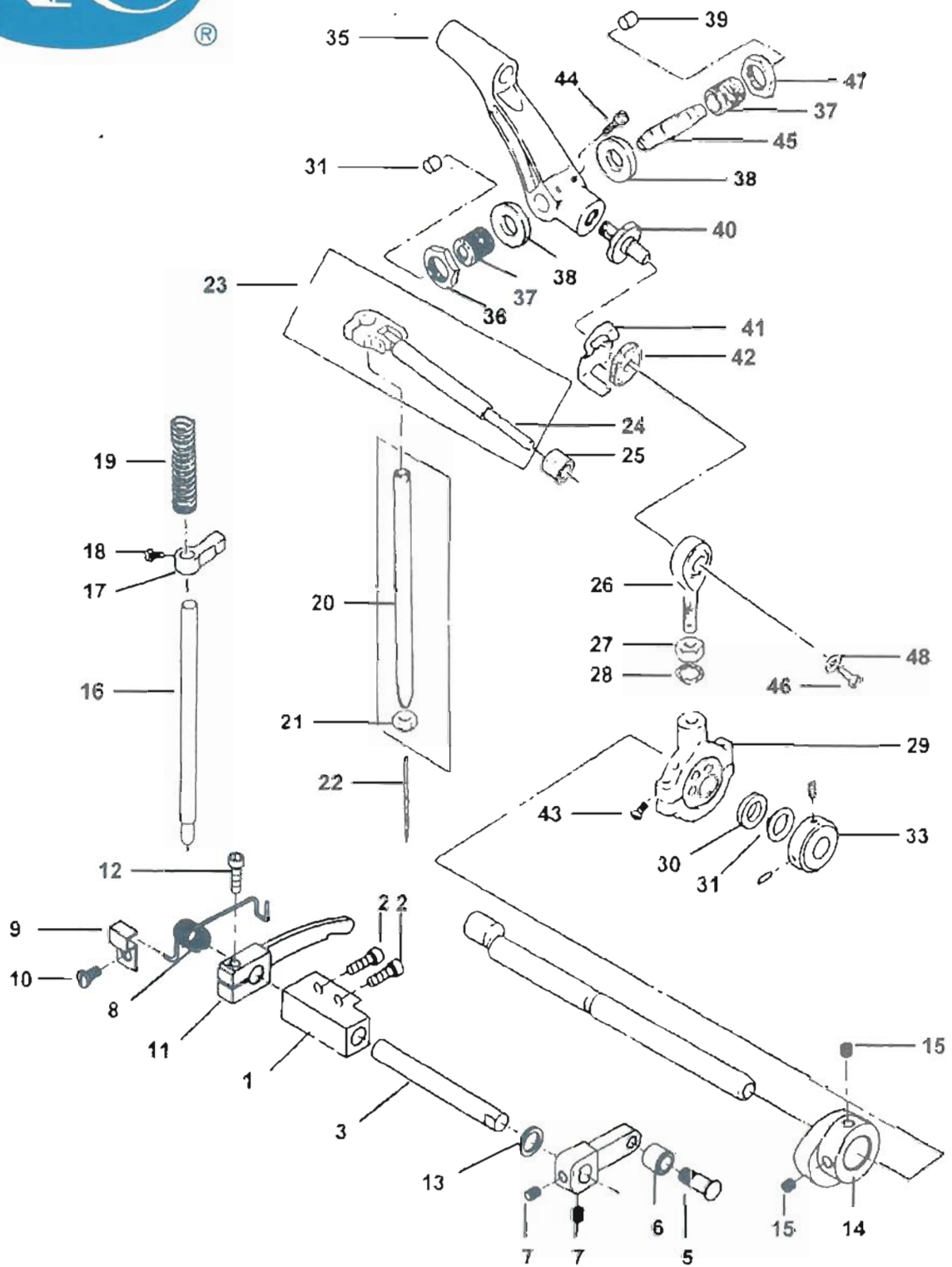


Ref. No.	Part No.	Description	Quantity
1	M214	Pulley Cover	1
2	M203NS	Pressure Bar Holder Guide	1
3	M207NS	Pressure Foot Lifter	1
4	M211NS	Needle Bar Thread Guide	1
5	M212NS	Eyelet	2
6	M196A	Roller Bracket B	1
7	M196B	Roller Bracket B	1
8	M195NS	Roller	3
9	M195S	Roller Shaft	2
10	M202NS	Screw	2
11	M202N	Screw	2
12	M201NS	Screw	4
13	M327	Presser Bar Base	1
14	M328	Presser Bar Bushing	1
15	M329	Screw	1
16	M330	Spring Pin	1
17	M331	Screw	2
18	M332	Screw	1
19	M333	Presser Bar Guide	1
20	M334	Screw	2
21	M272NS	Presser Bar	1
22	M273NS	Presser Bar Connection	1
23	M335NS	Presser Foot Lifter Pin	1
24	M275N	Presser Spring	1
25	M206NS	Screw	1
26	M220NS	Nut	1
27	M336	Presser Foot Lifter	1
28	M337	Screw	1
29	M337NS	Screw	1
30	M110NS	Universal Joint	3
31	M338	Roller Driving Connecting Rod A	1
32	M339NS	Roller Driving Connecting Rod A	1
33	M223NS	Oil Tube	1
34	M222NS	Oil Tube	1
35	M338	Tube Clamp Sleeve	2
36	M219	Oil Tank Pump	1

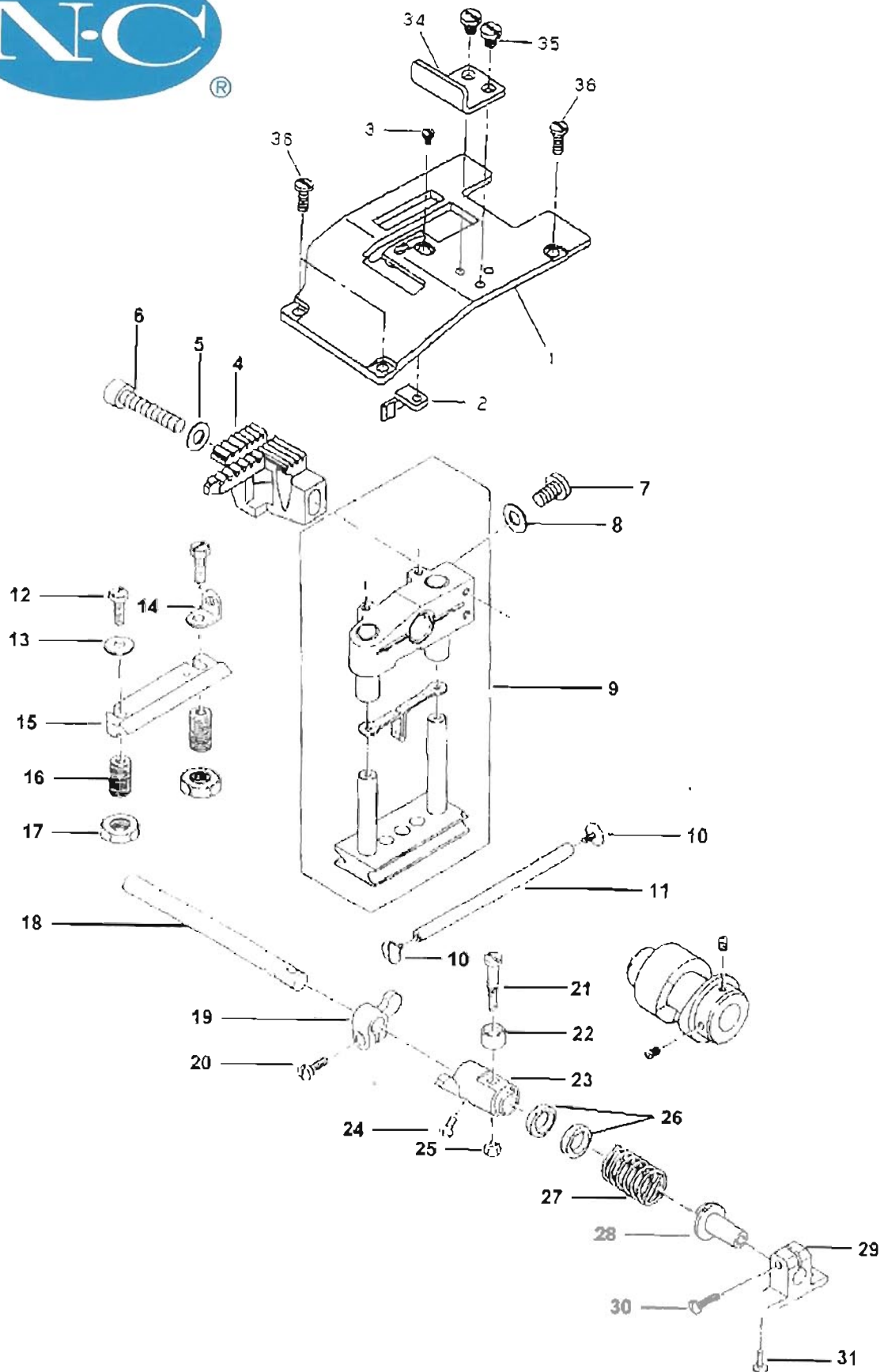


Ref No.	Part No.	Description	Quantity
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1	M224	Main Shaft Bushing, rear	1
2	M225	Screw	1
3	M226	Rubber Bushing	1
4	M227	Main Shaft Bushing, front	1
5	M228	Screw	1
6	M229	Oil Felt	1
7	M230	Looper Rock Shaft Bushing	1
8	M231	Presser Bar Bushing, lower	1
9	M232	Bushing for Needle Bar, lower	1
10	M233	Bushing for Needle Bar, upper	1
11	M234	Screw	2
12	M235	Oil Felt	1
13	M236	Inside Cover	1
14	M237	Screw	4
15	M238	Gasket	1
16	M239	Oil Pipe	1
17	M240	Nut	1
18	M241	Joint	1
19	M242	Joint (BN-5-6)	1
20	M243	Washer	1
21	M242-1	Joint (BN-5-6)	1



Ref No.	Part No.	Description	Quantity
1	M339	Thread Take-up Stud Base	1
2	M340	Screw	2
3	M341	Thread Take-Up Stud	1
4	M342	Thread Take-Up Roller Link	1
5	M343	Cam Roller Stud	1
6	M344	Cam Roller	1
7	M345	Screw	1
8	M346	Thread Take-Up Stud Spring	1
9	M347	Spring Presser	1
10	M348	Screw	1
11	M349	Thread Take-Up Lever	1
12	M350	Screw	1
13	M351	Washer	1
14	M352	Thread Take-Up Lever Cam	1
15	M353	Screw	2
16	M354	Presser Bar	1
17	M355	Presser Bar Connection	1
18	M356	Screw	1
19	M357	Presser Spring	1
20	M269	Needle Bar	1
21	M270	Needle Bar Nut	1
22	S18M	Needle	1
23	M267	Needle Bar Connection Assy	1
24	M268	Oil Tube	1
25	M266	Oil Felt	1
26	M252	Rod End	1
27	M250	Needle Clamp Nut	1
28	M251	Washer	1
29	M248	Connecting Assy	1
30	M247	Oil Felt	1
31	M246	Spacer	1
32	M245	Screw	2
33	M244	Collar	1
34	M253	Main Shaft	1
35	M264	Needle Bar Assy	1
36	M260	Nut	1
37	M261	Stud	1
38	M262	Oil Felt	2
39	M259	Felt	2
40	M258	Stud	1
41	M257	Spring	1
43	M249	Screw	1
44	M265	Screw	1
45	M263	Stud	1
46	M254	Screw	1
47	M260	Nut	1
48	M255	Washer	1



Ref No.	Part No.	Description	Quantity
1	M303NS	Throat Plate	1
2	M306	Needle Guard	1
3	M307	Screw	1
4	M295	Feed Dog	1
5	M305	Washer	1
6	M296	Screw	1
7	M358	Screw	1
8	M359	Washer	1
9	M292	Feed Dog Carrier Assy	1
10	M294	Screw	2
11	M293	Shaft	1
12	M298	Screw	2
13	M299	Washer	1
14	M302	Thread Guide	1
15	M297	Side Adjusting Block	1
16	M300	Stud	2
17	M301	Lock Nut	2
18	M288	Looper Shaft	1
19	M286	Rocker Shaft Arm	1
20	M287	Screw	1
21	M284	Roller Stud Screw	1
22	M283	Roller	1
23	M281	Rocker Shaft Arm	1
24	M282	Screw	1
25	M285	Nut	1
26	M291	Oil Felt	2
27	M280	Spring	1
28	M279	Spring Supporter	1
29	M276	Block	1
30	M277	Screw	1
31	M278	Screw	2
32	M289	Looper Rocker Cam	1
33	M290	Screw	2
34	M360	Attachment Support	1
35	M361	Screw	2
36	M362	Screw	2

NUMERICAL INDEX OF PARTS

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
M1NS	9	M61NSN	11	M112	13	M172	15	M223NS	17	M266	21	M311S	11	M351	21
M2NS	9	M62	11	M114	13	M173	15	M224	19	M267	21	M312	13	M352	21
M3NS	9	M63	11	M115	13	M174	15	M225	19	M268	21	M313	13	M353	21
M4NS	9	M66	11	M116	13	M175	15	M226	19	M269	21	M314	13	M354	21
M6NS	9	M67	11	M118	13	M176	15	M227	19	M270	21	M315	13	M355	21
M7NS	9	M68	11	M119	13	M177	15	M228	19	M272NS	17	M316	13	M356	21
M8NS	9	M69	11	M120	13	M178	15	M229	19	M273NS	17	M317	13	M357	21
M9NS	9	M70	11	M121	13	M180	15	M230	19	M275N	17	M318	13	M358	21
M10NS	9	M71	11	M122	13	M181NS	15	M231	19	M276	23	M319	13	M359	23
M11NS	9	M73	11	M123	13	M182	15	M232	19	M277	23	M320	13	M360	23
M12	9	M74	11	M124	13	M183	15	M233	19	M278	23	M321	13	M361	23
M13	9	M75	11	M125NS	13	M184	15	M234	19	M279	23	M322	13	M362	23
M14	9	M76	11	M126	13	M185NS	15	M235	19	M280	23	M323	13	M363	11
M15	9	M78	11	M127NS	13	M186	15	M236	19	M281	23	M324	13	M364	11
M17	9	M81NS2	11	M128	13	M187	15	M237	19	M282	23	M325	13	M365	11
M18	9	M82	11	M129	13	M188	15	M238	19	M283	23	M327	17	M366	11
M21	9	M82NS	11	M130	13	M189	15	M239	19	M284	23	M328	13	M367	11
M22	9	M83	11	M131	13	M190	15	M240	19	M285	23	M329	17	M368	11
M23	9	M84	11	M132	13	M191	17	M241	19	M286	23	M330	17	M369	11
M24	9	M87NS	11	M134	13	M192	17	M242	19	M287	23	M331	17	M370	11
M25	9	M89	11	M135	13	M193NS	17	M242-1	19	M288	23	M332	17	M371	11
M27	9	M90	11	M137	13	M194	17	M243	19	M289	23	M333	17	S18M	21
M29	9	M91	13	M138	13	M195S	17	M244	21	M290	23	M334	17		
M29NS	9	M92	13	M139	13	M195NS	17/10	M245	21	M291	23	M335	17		
M29F	9	M93	13	M140	13	M196A	17	M246	21	M292	23	M335NS	17		
M30	9	M94	13	M142	13	M196B	17	M247	21	M293	23	M336	17		
M31	9	M95	13	M143	13	M197	13	M248	21	M294	23	M337	17		
M35	9	M96	13	M144	13	M198	13	M249	21	M295	23	M337NS	17		
M36	9	M97	13	M145	13	M199NS	13	M250	21	M296	23	M338	17		
M37	9	M98	13	M150	13	M200NS	13	M251	21	M297	23	M339	17		
M38	9	M99	13	M158	15	M201NS	17	M252	21	M298	23	M339NS	17		
M39	9	M100	13	M160	15	M202N	17	M253	21	M299	23	M340	21		
M40	9	M101	13	M161	15	M202NS	17	M254	21	M300	23	M341	21		
M41	9	M102	13	M162	15	M203NS	17	M255	21	M301	23	M342	21		
M42	9	M103	13	M163	15	M206NS	17	M257	21	M302	23	M343	21		
M44	11	M104	13	M164	15	M207NS	17	M258	21	M303NS	23	M344	21		
M45	11	M105	13	M166	15	M211NS	17	M259	21	M305	23	M345	21		
M46	11	M106	13	M167	15	M212NS	17	M260	21	M306	23	M346	21		
M48	11	M107	13	M168	15	M214NS	17	M261	21	M308	11	M347	21		
M50NS	11	M108	13	M169	15	M219	17	M262	21	M309	11	M348	21		
M55NS	11	M110NS	13/10	M170	15	M220NS	17	M263	21	M310	11	M349	21		
M61NS	11	M111	13	M171	15	M222NS	17	M265	21	M311	11	M350	21		