

**SINGER**  
**246K13**

ILLUSTRATED  
LIST OF PARTS  
FOR  
No. 246K13 MACHINE



\*\*A Trade Mark of  
THE SINGER MANUFACTURING COMPANY

### INSTRUCTIONS FOR OILING

To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, the oil gauge should be checked daily. The oil level should be maintained at the midpoint of the gauge.

To oil the machine, apply "TYPE A" OIL, sold only by Singer Sewing Machine Company, to the oil filler cup on top of the machine, as instructed in Form K6191.

## CONTENTS

	Page
Accessories	16
Belt Guard (adjustable)	16
Chip Chute	16
Foot Lifter Parts	17
Machine Base	17
Machine No. 216K13	5
Numerical List of Parts	19
Set of Fittings Complete	15
Thread Unwinder...	17



No.	Plate	Name
164013	2761	Feed (back) Dog, complete, Nos. 1100al, 164011 and 164012 ...
1454f	2761	Feed (back) Dog Screw ...
161020	24827	" ( " ) Eccentric ...
<i>NOTE : Feed (back) Eccentric No. 161020 is furnished in 6 to 16, 18, 20, 22, 24, 28, 32 and 36 stitches to the inch, unless otherwise stated No. 161020 (11 stitches to the inch) is supplied regularly.</i>		
164006	24827	Feed (front) Bar with 164010 ...
164007	24827	" ( " ) " Connection ...
164018	24827	" ( " ) " " Bearing ...
164009	24827	" ( " ) " " Hinge Screw Stud ...
1671c	24827	" ( " ) " " " " Nut ...
164010	24827	" ( " ) " " " " " Position Pin ...
161208	-	Feed (back) and (front) Bars, complete, Nos. 164005 to 164008, 164017, 164018, 164687, two each 1671c, 164004 and 164009
164019	2761	Feed (front) Dog ...
1454f	2761	" ( " ) " Screw ...
164020	24827	" ( " ) Eccentric ...
<i>NOTE : Feed (front) Eccentric No. 164020 is furnished in 6 to 16, 18, 20, 22, 24, 28, 32 and 36 stitches to the inch, unless otherwise stated No. 164020 (11 stitches to the inch) is supplied regularly.</i>		
164520	24827	Feed Eccentric Cover ...
164399	24827	" " " Bracket with 164023 ...
157c	24827	" " " " Screw ...
629k	24827	" " " " Hinge Screw ...
164401	24827	" " " " Latch Spring ...
227j	24827	" " " " " Screw ...
164023	24827	" " " Oil Wick ...
164521	24827	Feed Eccentric Cover, complete, for use with eccentrics of 4 stitches and above, Nos. 629k, 164399, 164401, 164520 and two 227j ...
164025	24812	Feed Lifting and Knife (movable) Lever Eccentric ...
164455	2756	Finger Guard ...
164456	2756	" " " Adaptor ...
1259al	24829	" " " " Screw ...
1423j	2756	" " " " Screw ...
164026	2756	Knife (movable) (2) ...
164027	2756	" ( " ) Clamp ...
140050c	2756	" ( " ) " " Screw ...
164028	2756	" ( " ) " Guard (lower) ...
164458	2756	" ( " ) " " (upper) ...

No.	Plate	Name
164029	2756	Knife (movable) Holder ...
198j	2756	" ( " ) " " Screw ...
164030	2756	" ( " ) " " " Bearing ...
164714	2756	" ( " ) " " Lever with 620al ...
164715	-	" ( " ) " " " 164714 with 132583, 164035, 164136 and 164153
164032	2756	" ( " ) " " " Bearing ...
447al	2756	" ( " ) " " " " Set Screw (long) ...
624al	2756	" ( " ) " " " " " (short) ...
164373	24829	" ( " ) " " " Cover and Presser Bar (upright) Housing with 1259al
50073j	24829	" ( " ) " " " " " Bar (upright) Housing Screw (2)
164374	-	Knife (movable) Lever Cover and Presser Bar (upright) Housing, complete, Nos. 50060k, 164137 to 164139, 164142 to 164144 164194 and 164373 ...
164180	2756	Knife (movable) Lever Guide ...
164181	2756	" ( " ) " " " Holder with two 140239al ...
164210	2756	" ( " ) " " " " 164181 with 197j, 164177, 164180 and 164182
140239al	2756	" ( " ) " " " " " Set Screw ...
164182	2756	" ( " ) " " " " " Thread Tube ...
447al	2756	" ( " ) " " " " " " Set Screw ...
197j	2756	" ( " ) " " " " " Screw ...
132583	2756	" ( " ) " " " " Hinge Pin with 132584 ...
132584	2756	" ( " ) " " " " Oil Wick ...
620al	2756	" ( " ) " " " " " Set Screw ...
164034	2756	" ( " ) " " " " Stud ...
164035	-	" ( " ) " " " " " 164034 with 164036 and 164269
164036	2756	" ( " ) " " " " " Oil Wick (long) ...
164269	-	" ( " ) " " " " " " (short) ...
447al	2756	" ( " ) " " " " " Set Screw (back) ...
1443al	2756	" ( " ) " " " " " " (top) ...
164233	2756	" (stationary) (2) ...
164522	2756	" ( " ) Clamping Stud ...
164523	2756	" ( " ) " " " Nut ...
164524	2756	" ( " ) " Holder ...
164590	2756	" ( " ) " " Adjusting Stud ...
190e	2756	" ( " ) " " " " Cap Screw ...
39541	2756	" ( " ) " " " " " Washer ...
164042	2756	" ( " ) " " " Sleeve ...
140088r	2756	" ( " ) " " " " Screw ...
164043	2756	" ( " ) " " " Spring ...
164525	2756	" ( " ) " " " Stud ...
164462	2756	Lint Stripper with 735al ...
735al	2756	" " " " Screw ...

No.	Plate	Name
164045	2757	Looper (left hand)
164046	2757	" ( " " ) Carrier with 460al, 50379f and 161202
164660	2757	" ( " " ) " Holder with 1083c, 140393al and 140596al
164661	---	" ( " " ) " " 164660 with 1324c, 59456 and 164016
1083c	2757	" ( " " ) " " Clamping Screw
140596al	2757	" ( " " ) " " Set Screw (left)
140393al	2757	" ( " " ) " " " (right)
1324c	2757	" ( " " ) " " Screw
460al	2757	" ( " " ) " " Set Screw
59456	2757	" ( " " ) " " Washer
164048	2757	" ( " " ) Driving Shaft
164049	2757	" ( " " ) " " Bushing (back)
140394c	2757	" ( " " ) " " ( " ) Cap Screw
164293	2757	" ( " " ) " " ( " ) " Washer (fibre)
164050	2757	" ( " " ) " " (front)
164051	2757	" ( " " ) " " Crank with 1083c
164215	---	" ( " " ) " " 164051 with 164052
1083c	2757	" ( " " ) " " Clamping Screw
164052	24812	" ( " " ) " " Connection with two each 171al and 140159al
171al	24812	" ( " " ) " " Connection Cap (lower) Screw
140159al	24812	" ( " " ) " " Connection Cap (upper) Screw
164067	2757	" ( " " ) " " Crank Key
1324c	2757	" ( " " ) " " " " Screw
45057	2757	" ( " " ) " " " " Washer
164053	2757	" ( " " ) " " " Thrust Bearing
50379f	2757	" ( " " ) Set Screw
164202	2757	" ( " " ) Stop Pin
164054	2761	" ( " " ) Thread Tube
853al	2761	" ( " " ) " " Set Screw
164055	2757	" ( " " ) (right hand)
164056	2757	" ( " " ) Carrier with 50370e
164742	2757	" ( " " ) " Connection
164597	2757	" ( " " ) " " Guide Bar Bracket with two 462al
914c	2757	" ( " " ) " " Guide Bar Bracket Screw (left)
1057al	2757	" ( " " ) " " Guide Bar Bracket Screw (right)
164596	2757	" ( " " ) " " Guide Bar Oil Pad
168215	---	" ( " " ) " " " " Wick
51015c	2757	" ( " " ) " " " " Plug Screw

No.	Plate	Name
462al	2757	Looper (right hand) Carrier Connection Guide Bar Set Screw
164061	2757	" ( " " ) " " Hinge Stud with 1019al
1443j	2757	" ( " " ) " " " " Cap Screw
164397	2757	" ( " " ) " " " " Adjusting Pin
1019al	2757	" ( " " ) " " " " Pin Set Screw
132565	2757	" ( " " ) " " Hinge Pin
50370e	2757	" ( " " ) " " " " Set Screw
164062	2757	" ( " " ) Driving Lever with 1083c and two 140596al
164598	---	" ( " " ) " " 164062 with 1443j, 1700j, 132565, 164056, 164061, 164068, 164397, 164597 and 164742
1083c	2757	Looper (right hand) Driving Lever Clamping Screw
140596al	2757	" ( " " ) " " " " Set Screw
164063	2757	" ( " " ) " " Shaft
164049	2757	" ( " " ) " " Bushing (back)
140394c	2757	" ( " " ) " " ( " ) Cap Screw
164293	2757	" ( " " ) " " ( " ) Cap Screw Washer (fibre)
164599	2757	" ( " " ) " " (front)
164066	2757	" ( " " ) " " Crank with 1083c
164216	---	" ( " " ) " " 164066 with 164052
1083c	2757	" ( " " ) " " Clamping Screw
164052	24812	" ( " " ) " " Crank Connection with two each 171al and 140159al
171al	24812	" ( " " ) " " Crank Connection Cap (lower) Screw
140159al	24812	" ( " " ) " " Crank Connection Cap (upper) Screw
164067	2757	" ( " " ) " " Crank Key
1324c	2757	" ( " " ) " " " " Screw
45057	2757	" ( " " ) " " " " Washer
164053	2757	" ( " " ) " " " Thrust Bearing
164068	2757	" ( " " ) Locking Screw Stud
1700j	2757	" ( " " ) " " " Nut
164219	2757	" ( " " ) Position Collar with 904al
904al	2757	" ( " " ) " " Set Screw
*164072	---	Machine Frame
*164526	---	Machine Frame, complete, Nos. 140396e, 164072, 164077, 164528 and three 140395c
164074	24813	Machine Frame Bottom Cover
164075	24813	" " " " Gasket
914c	24813	" " " " Screw (13)
*164527	---	" " " " Bracket
*164528	---	" " " " 164527 with 164207 and two 187c
164207	2754	" " " " Key

No.	Plate	Name
187e	2754	Machine Frame Bracket Key Screw
140396c	2754	" " " Screw (large)
164077	2754	" " " " ( " ) Washer (fibre)
164229	2754	" " " " ( " ) " (felt)
140395c	2754	" " " " (small)
164515	24813	" " Cover (back)
50571j	24813	" " " ( " ) Screw (long) (2)
914j	24813	" " " ( " ) " (short)
164516	24813	" " " ( " ) 164515 with 1637k and 140228c
164081	2754	" " Oil Lead
140088r	2756	" " " " Screw
1698j	2754	" " " " Nut
164082	2754	" " Plug Bracket
1036al	2754	" " " " Set Screw
164083	2754	" " Screen
206j	2754	" " " " Screw (3)
164603	2754	" " " " Splash Guard (internal)
164605	2754	" " " " " ( " ) Oil Pad
164606	2754	" " " " " ( " ) " " Fastener
164604	2754	Machine Frame Oil Splash Guard (internal) complete, Nos. 164603, 164605 and 164606
164085	24829	Machine Frame Oil Splash Guard (top)
51023w	24829	" " " " " ( " ) Screw (2)
164601	2754	" " " " Tube with 164602
447al	2754	" " " " Set Screw
164602	2754	" " " " Wick
164089	24812	" " Rotary Shaft
164090	"	" " " " 164089 with 164097, 164215, 164216, 164217, two each 164093 and 164232
139026	24812	Machine Frame Rotary Shaft Ball Bearing
164092	24812	" " " " " " Housing
51369c	24812	" " " " " " " Screw (3)
164093	24812	" " " " " " Sleeve (two pieces)
164232	24812	" " " " " " Guide (2)
164600	24812	" " " " Bushing (front)
1036al	24812	" " " " " ( " ) Set Screw
164095	24812	" " " " " (intermediate)
51332c	24812	" " " " " ( " ) Set Screw
164096	24812	" " " " Counterbalance with 1036al
1036al	24812	" " " " " Set Screw
164097	24812	" " " " Key
51649c	24812	" " " " Nut
131056	24812	" " " " Washer
164098	24812	" " " " Oil and Ball Bearing Grease Retainer
164099	24812	" " " " Screw Stud

No.	Plate	Name
164100	24812	Machine Frame Rotary Shaft Thrust Bearing
164101	24772	" " Top Cover
164214	"	" " " " 164101 with 330j, 164103 and two 164418
164102	24772	" " " " Gasket
164103	24772	" " " " Oil Lead
330j	24772	" " " " " " Screw
51369j	24772	" " " " " Screw (3)
164231	24812	" Pulley (round and "V" belt) with two 448al
164071	24812	" " Cap
140446x	24812	" " " Screw
448al	24812	" " Set Screw
164109	24829	Needle Clamp
51720c	24829	" Clamping Nut
164110	24829	" Driving Shaft with 164118
164275	"	" " " " 164110 with 51720c, 164109 and 164117
164111	24829	" " " Bushing
164112	24829	" " " " Cap
164113	24829	" " " " Oil Lead
452al	24829	" " " " " Hole Plug Screw
164114	24829	" " " " Crank with 1083c and two 140596al
164115	24829	" " " " Ball
1083c	24829	" " " " Clamping Screw
164217	24812	" " " " Connection with 164115
157al	24812	" " " " " Cap (lower) Screw (2)
171al	24812	" " " " " " (upper) Screw (2)
140596al	24829	" " " " Set Screw
164117	24829	" Holder
164118	24829	" Stop Pin
164119	24812	Oil Agitator
164120	2754	" Cooler with two 164125
164121	2754	" " Cover
164123	2754	" " " " 164121 with 164135
164122	2754	" " " Gasket
145j	2754	" " " Screw
164124	2754	" " Gasket
164125	2754	" " Oil Pipe
164126	2754	" " " Tube with 138269 and 164128
164127	2754	" " " Coupling
51630	2754	" " " Lock Nut
138269	2754	" " " Sleeve
164128	2754	" " " Wick
51139j	2754	" " Screw (long) (2)
1324j	2754	" " " (short)
164135	2754	" Cup for filling machine

No.	Plate	Name
164607	2756	Oil Deflector ... ..
164131	2754	" Sight Gauge Background Disc ... ..
164132	2754	" " " " " Gasket ... ..
164133	2754	" " " Window ... ..
164132	2754	" " " " " Gasket ... ..
164134	2754	" " " " " Retainer ... ..
164132	2754	" " " " " Gasket ... ..
1485j	2754	" " " " " Screw (2) ... ..
164136	2756	Presser Bar Bracket ... ..
164137	24829	" " Lifting Bracket with 462al, 624al and 51846 ... ..
51846	24829	" " " " Roller and Stud ... ..
624al	24829	" " " " Set Screw (long) ... ..
462al	24829	" " " " " " (short) ... ..
164138	24829	" " " Lever ... ..
164139	24829	" " " " Spring ... ..
140228c	24813	" " " " Stop Screw ... ..
1637k	24813	" " " " " " Nut ... ..
164350	2756	" " (swing-out) ... ..
164141	2756	" " ( " ) Lifting Screw Stud ... ..
1700j	2756	" " ( " ) " " " Nut ... ..
164142	24829	" " ( " ) Opening Lever ... ..
50060k	24829	" " ( " ) " " Hinge Screw ... ..
140510c	2756	" " ( " ) Pivot Screw ... ..
164351	2756	" " ( " ) " " Lock Washer ... ..
51362al	2756	" " ( " ) " " " Screw ... ..
164143	24829	" " (upright) ... ..
164144	24829	" " ( " ) Spring ... ..
164416	—	" " ( " ) " (heavy) ... ..
<i>NOTE : - No. 164144 is supplied with machine.</i>		
164145	2761	Presser Foot Body ... ..
164220	2761	" " Chain Cutter Friction Plate ... ..
164221	2761	" " " " Knife ... ..
51306e	2761	" " " " " Screw ... ..
164146	2761	" " Chaining-off Finger ... ..
164147	2761	" " Clamping Plate ... ..
50225j	2761	" " " " Screw ... ..
164149	2761	" " Guide ... ..
50169j	2761	" " " Screw ... ..
164150	2761	Presser Foot with Chain Cutter, complete, Nos. 50169j, 50225j, 51306e, 164145 to 164147, 164149, 164220 and 164221 ... ..
164194	24829	Pressure Regulating Thumb Screw ... ..
2102	24772	Tension (heavy) Disc ... ..
164155	24772	" ( " ) Regulating Thumb Nut ... ..
50133c	24772	" ( " ) Screw Stud ... ..
164156	—	" ( " ) " " 50133c with 164155 ... ..

No.	Plate	Name
164161	24772	Tension (heavy) Spring ... ..
59537	24772	" ( " ) " Bushing ... ..
164158	24772	" ( " ) " Cover ... ..
164162	24772	Tension (heavy) complete, Nos. 59537, 164156, 164158, 164161 and two 2012 (2) ... ..
2102	24772	Tension (light) Disc (2) ... ..
164155	24772	" ( " ) Regulating Thumb Nut ... ..
50133c	24772	" ( " ) Screw Stud ... ..
164156	—	" ( " ) " " 50133c with 164155 ... ..
164157	24772	" ( " ) Spring ... ..
59537	24772	" ( " ) " Bushing ... ..
164158	24772	" ( " ) " Cover ... ..
164160	24772	Tension (light) complete, Nos. 59537, 164156 to 164158 and two 2102 ... ..
161285	24772	Tension (looper thread) Thread Guide (left) ... ..
161286	24772	" ( " " ) " " (right) ... ..
164159	24772	" (needle " ) " Guide ... ..
164418	24772	" Thread Eyelet (2) ... ..
164091	2757	Thread (looper, right hand) Stripper and Take up with 164555 ... ..
164163	24761	" ( " " " ) " " " Eyelet (adjustable) ... ..
1443j	24761	" ( " " " ) " " " Eyelet (adjustable) Screw ... ..
164555	—	" ( " " " ) " " " Guide Wire ... ..
187e	2757	" ( " " " ) " " " Screw ... ..
17022	2757	" ( " " " ) " " " Washer ... ..
164164	24761	" ( " " " ) Thread Eyelet (movable) ... ..
1423j	24761	" ( " " " ) " " Screw ... ..
164165	24761	" ( " " " ) " " (stationary) ... ..
1607j	24761	" ( " " " ) " " ( " ) Nut ... ..
164166	24761	" ( " " " ) Tube ... ..
624al	24761	" ( " " " ) " Set Screw ... ..
164167	24761	" (looper) Plate with 624al ... ..
164168	24761	" ( " ) " Cover ... ..
164206	—	" ( " ) " " 164168 with 164169 and 164170 ... ..
164169	24761	" ( " ) " " Hinge ... ..
164170	24761	" ( " ) " " " Pin ... ..
164171	24761	" ( " ) " " Spring ... ..
332j	24761	" ( " ) " " " Screw ... ..
896al	24761	" ( " ) " " Screw (2) ... ..
164173	24761	" ( " ) " Thread Bushing ... ..
50318w	24761	" ( " ) " " " Screw ... ..
164174	—	Thread (looper) Plate, complete, Nos. 1423j, 1443j, 1607j, 50318w, 164163 to 164167, 164173, 164206, two each 332j and 164171 ... ..
164175	2757	Thread (looper) Take-up (left) ... ..
164176	2757	" ( " ) " Plate ... ..



No.	Plate	Name	...	...	...	...	...	...
190e	2757	Thread (looper) Take-up Screw (lower)	...	...	...	...	...	...
1443j	2757	" ( " ) " " (upper)	...	...	...	...	...	...
164151	2756	" (needle) Controller	...	...	...	...	...	...
164153	2756	" ( " ) " Lever	...	...	...	...	...	...
1443j	2756	" ( " ) " Screw (2)	...	...	...	...	...	...
164177	2756	" Eyelet (needle thread)	...	...	...	...	...	...
140239al	2756	" " ( " " ) Set Screw	...	...	...	...	...	...
164178	2761	Throat Plate	...	...	...	...	...	...
164612	2761	" " Guide with 853al	...	...	...	...	...	...
1454e	2761	" " " Screw	...	...	...	...	...	...
1094f	2761	" " Screw (2)	...	...	...	...	...	...

**SET OF FITTINGS COMPLETE No. 164270**  
**For Rayon, Glove Silk and Lightweight Materials**  
**For Three-Thread Tight Stitch**  
**For  $\frac{1}{8}$  inch Bight**

*NOTE: This Machine is regularly fitted with Set No. 164270, unless other fittings are specified on order.*

No.	Plate	Name	...	...	...	...	...	...
164013	2762	Feed (back) Dog complete	...	...	...	...	...	...
164019	2762	" (front) Dog	...	...	...	...	...	...
164026	2762	Knife (movable)...	...	...	...	...	...	...
164055	2762	Looper (right hand)	...	...	...	...	...	...
164350	2762	Presser Bar (swing out)	...	...	...	...	...	...
164141	2762	" " ( " " ) Lifting Screw Stud	...	...	...	...	...	...
1700j	2762	" " ( " " ) " " " Nut	...	...	...	...	...	...
164150	2762	" Foot with Chain Cutter complete	...	...	...	...	...	...
164175	2762	Thread (looper) Take-up (left)	...	...	...	...	...	...
164091	2762	" (looper, right hand) Stripper and Take-up with 164555	...	...	...	...	...	...
164151	2762	" (needle) Controller	...	...	...	...	...	...
164178	2762	Throat Plate	...	...	...	...	...	...
164612	2762	" " Guide with 853al	...	...	...	...	...	...

## ACCESSORIES

No.	Plate	Name
164203	2760	Feed Eccentric Extractor (not regularly furnished with machine)
164592	2760	Gauge (not regularly furnished with machine)
151 x 5	---	Needles, size 11 (6)
120342	2760	Oiler
164198	2760	Presser Bar Lifting Chain Spring (under table)
85318	2760	Screw Driver
164196	2760	Threader (6)
---	---	Tin of Oil, Grade "A" (1 Pint)
164204	2760	Tweezers
164197	2760	Wrench (socket)
8909	2760	" (flat)

## BELT GUARD (Adjustable)

No.	Plate	Name
164183	24763	Belt Guard
164199	24763	" " Bracket (back)
164200	24763	" " " (front)
51326j	24763	" " Screw
164201	24763	Belt Guard (adjustable) complete, Nos. 164183, 164199, 164200, two each 51326j and wood screws $\frac{3}{8}$ " No. 7 F.H.

## CHIP CHUTE

No.	Plate	Name
168198	24763	Chip Chute with four wood screws $\frac{3}{8}$ " No. 6 R.H. black-l

## FOOT LIFTER PARTS

No.	Plate	Name
6139	24763	Chain, 36" to 45" with 56864 and 56865
<i>NOTE: When ordering No. 6139, give length required.</i>		
4879	24763	Chain Connecting Link
56864	24763	" Hook (large)
56865	24763	" " (small)
1881	24763	Treadle
4882	24763	" Shaft
4883	---	" Spring
4884	24763	" Stand
4885	24763	Treadle, complete, Nos. 4879, 1881 to 1884 and two wood screws 1" No. 16 F.H.

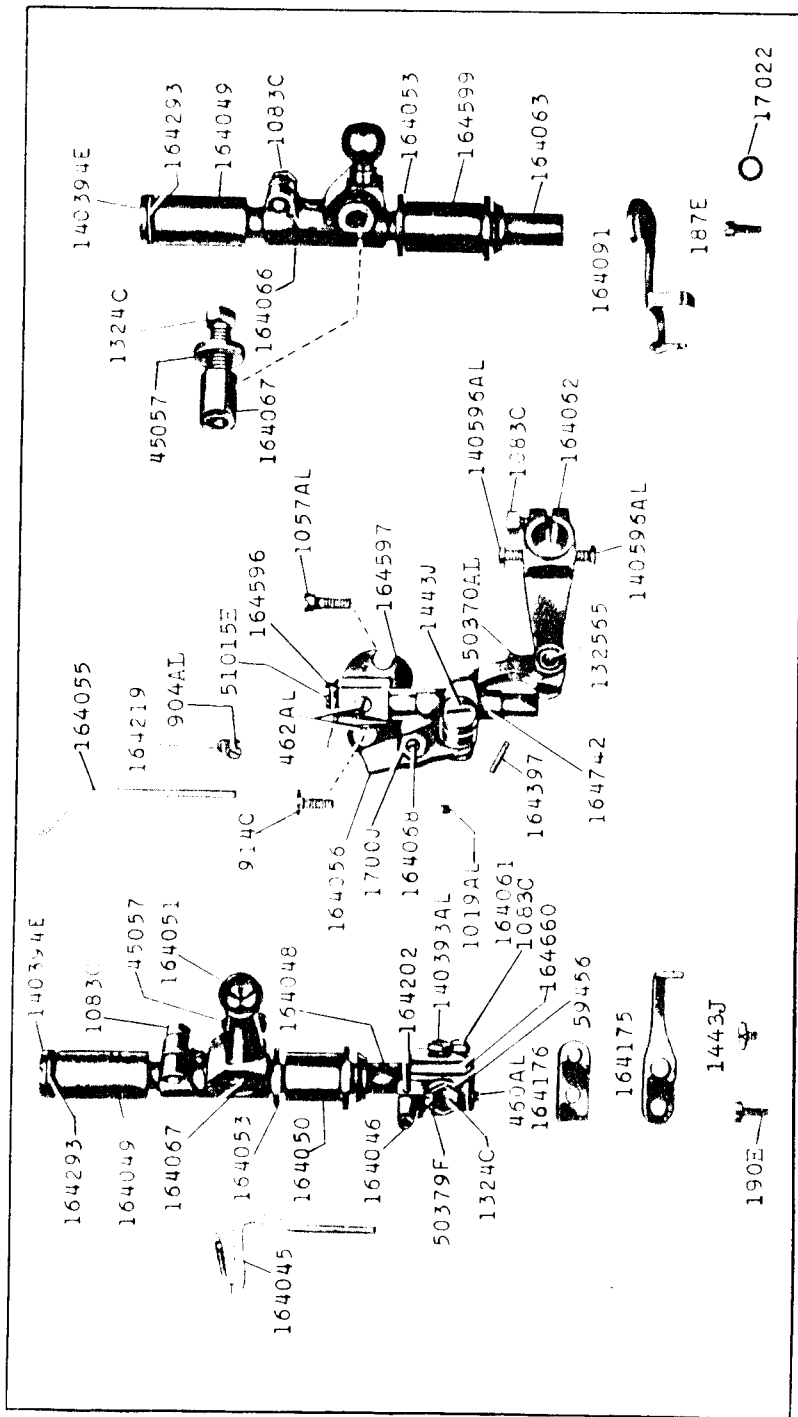
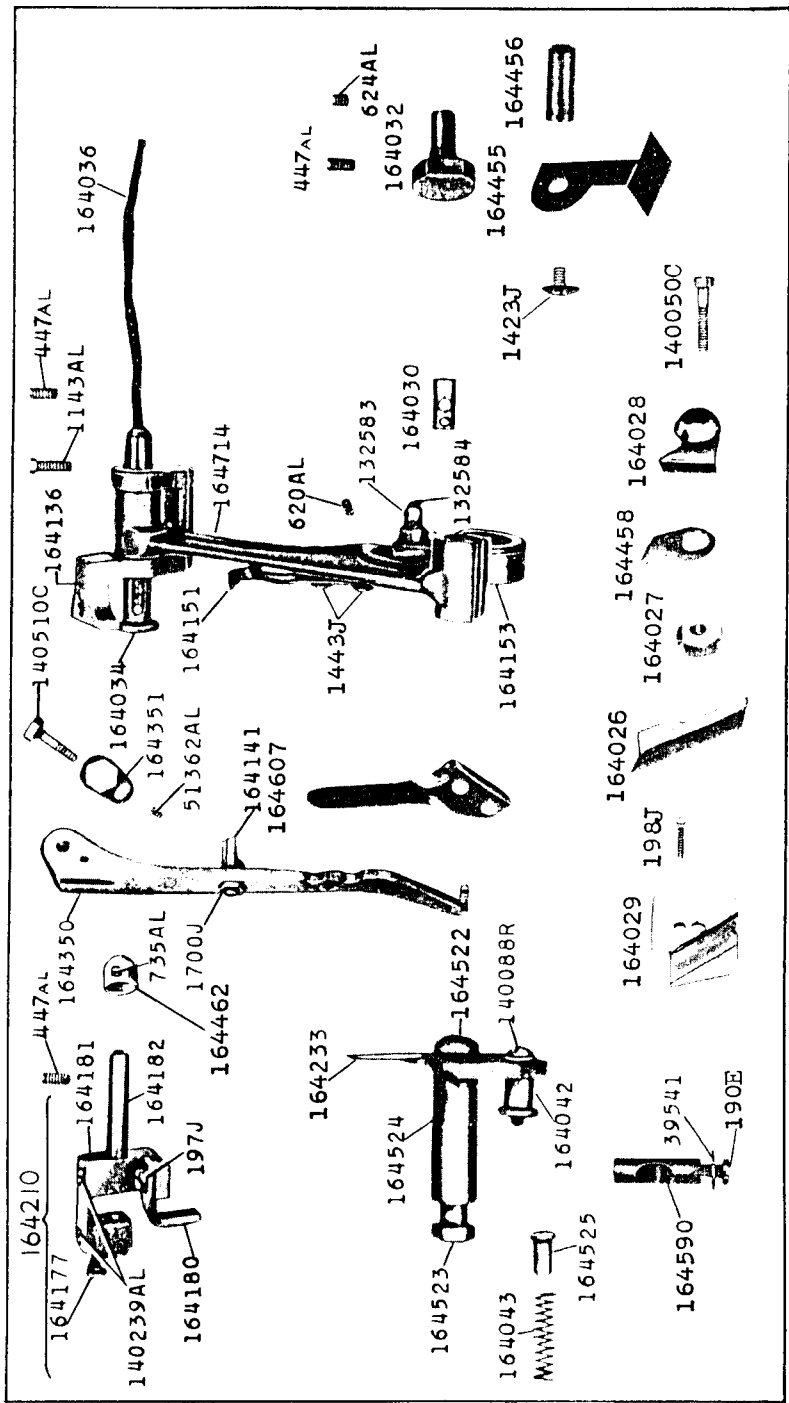
## MACHINE BASE

No.	Plate	Name
164184	24763	Machine Base with 50608r, 139017, two each wood screws $\frac{3}{8}$ " No. 8 R.H. and 1 $\frac{1}{2}$ " No. 6 F.H.
50608r	24763	Machine Base Plug Screw
139017	24763	" " " " Washer
164188	24763	" Cushion (large) (2)
164189	24763	" " (small) (2)
164190	24763	" Pad (felt)
140418c	24812	" Screw Stud (back)
657c	24812	" " " (front)

THREAD UNWINDER No. 151031  
For THREE SPOOLS

No.	Plate	Name
228692	---	Spool Pin
201528x	---	" " Nut
359243	---	" " Washer
151023	24764	" Rest with 858al, three each 201528x, 228692 and 359243
150203	24764	" " Cushion (felt)
858al	24764	" " Hub Set Screw
151024	24764	" " Rod
1122c	24764	" " " Set Screw





85318



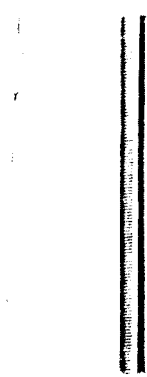
164197



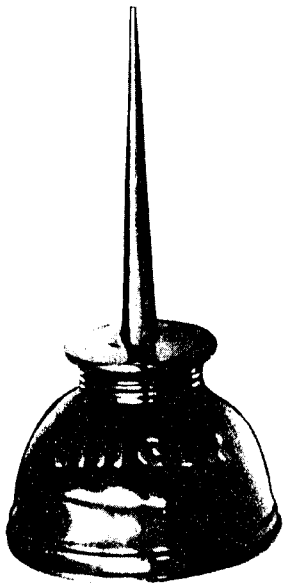
8909



164196 164198



120342



164592



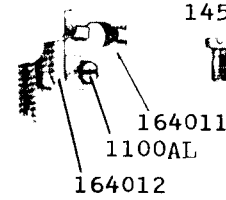
164204



164203



164013

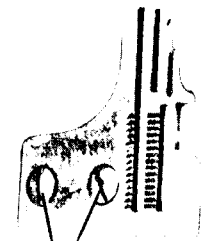


1454F

164019

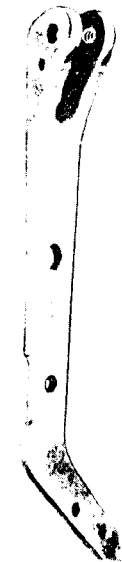


164178



1094F

164350



164150

164221

164220

51306E

164146

164147

50225J

50169J

164149

164145

164054

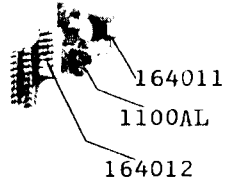
164612

1454E

853AL

164270

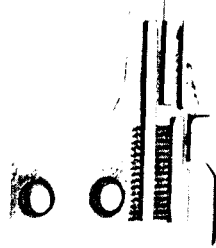
164013



164019



164178



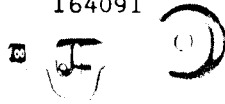
164055



164026



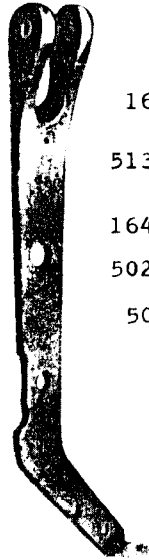
164091



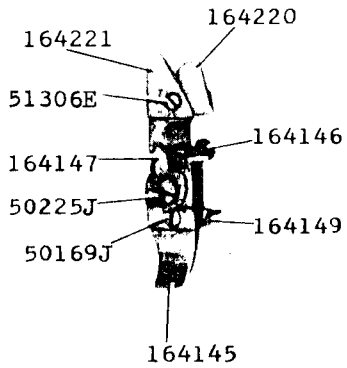
164175



164350



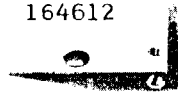
164150



164151



164612



164168



164171 332J



164171 332J



164170

164169

1423J

164164



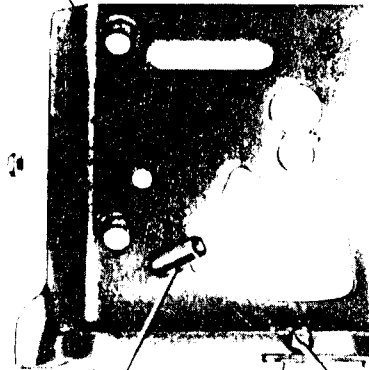
896AL



164165

1607J

164167



164166

624AL

164173

50318W

164163 1443J



