

Form 19087

(537)

Printed in U. S. A.

LIST OF PARTS



MACHINES
Nos. 176-11, 176-12
and 176-13

THE SINGER MANUFACTURING COMPANY

INSTRUCTIONS FOR OILING

To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machines require oiling each day.

Apply Singer "Stainless Oil for High Speed Sewing Machines" to all oil holes accessible from the outside. Remove the top cover and the front cover and lubricate all oiling points thus uncovered.

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INSTRUCTIONS FOR ORDERING

In ordering from this list, use ONLY the part NUMBER in the FIRST column.

The number stamped on a Sewing Machine Part is in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, must be used when ordering the combination.

Each number always indicates the SAME PART in whatever list it appears, or for whatever machine.

The letters after some of the numbers indicate the style of finish only, as follows:

A-Hardened, Polished, Nickel Plated and Buffed

B-Polished, Nickel Plated and Buffed

C-Hardened Only

D-Polished Only

E-Soft, Not Polished

F-Hardened and Polished

F.J-Hardened, Polished and Nickel Plated

G-Bright Rumbled and Nickel Plated

H-Blued

J-Nickel Plated Only

K-Hardened and Nickel Plated

L-Brass Plated

M-Oxidized

N-Japanned, Dull

P-Japanned, Bright

R-Merlized

S-Cadmium Plating

T-Copper Plated

T.A-Hardened, Polished, Copper and Nickel Plated and Buffed

T.B-Copper and Nickel Plated and Polished

T.J-Copper and Nickel Plated Only

T.K-Hardened, Copper and Nickel Plated

T.M-Copper Plated and Oxidized

T.L-Copper and Brass Plated

U-Zinc Plated

V-Silver Plated

W-Polished and Nickel Plated

Y-Black Nickel Plated Only

Z-Chromium Plated

Z.B-Polished, Nickel Plated, Buffed and Chromium Plated

Z.J-Nickel and Chromium Plated

These letters MUST BE USED when they appear in the list; and AFTER the number as in the list.

In this series:

1 to 1500, 50001 to 51500 and 140001 to 142000
are Screw Numbers

1501 to 1800 and 51501 to 51800 are Nut Numbers

1801 to 2000 and 51801 to 52000 are Roller Numbers

2001 to 50000 and 52001 to 140000 and 142001 to

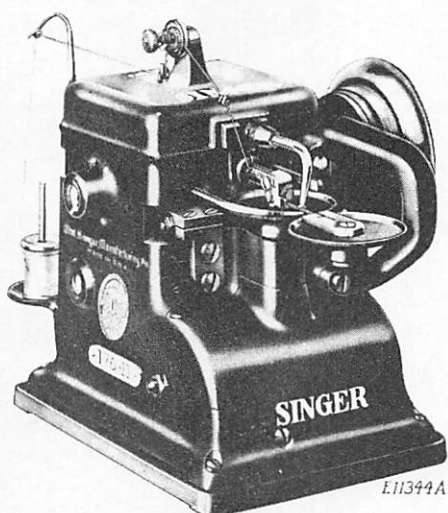
190000 are Sewing Machine Parts, 190001 and upward

are numbers of Electrical Parts.

The figures in the second column refer only to the plates, illustrating the parts, and are NOT TO BE USED in ordering.

Parts marked with an asterisk (*) are furnished only when repairs are made at factory.

LIST OF PARTS COMPLETE FOR



MACHINE No. 176-II

For Light and Medium Fur Work. Horizontal needle bar with 1 inch stroke. Three movement looper. Can be adjusted to make from 8 to 36 stitches per inch. Discs have 1/8 inch wide toothed feed surface for regular work and 1/16 inch for ermine and mink. Speed 2000 R. P. M.

No.	Plate	Name
176001	22626	Balance Wheel, 2 1/8 in. diam. pulley, with 435C.....
435C	22627	Balance Wheel Set Screw.....
176002	22626	" " Shaft.....
176003	22626	" " " Bushing (left).....
998C	22627	" " " " " Set Screw.....
176004	22626	Balance Wheel Shaft Bushing (right).....
998C	22627	" " " " " Set Screw.....
176005	22631	Balance Wheel Shaft Counterbalance.....
160E	22627	" " " " " Screw
176006	22627	" " Washer (felt).....

PARTS FOR MACHINE No. 176-II

No.	Plate	Name
176007	22626	Feed Connection.....
176225	-----	" " 176007 with 176008.....
140079C	22627	" " Hinge Screw.....
176008	22631	" Eccentric with 889C.....
176009	22627	" " Pin.....
889C	22627	" " Set Screw.....
176010	22626	" Lever.....
176227	-----	" " 176010 with 1650C, 51663J, 176077, 176079, 176082 and 176083.....
176011	22626	Feeding Disc (back) with two 889C, for Regular Work.....
176204	22626	Feeding Disc (back) with two 889C, for Ermine and Mink.....
889C	22627	Feeding Disc (back) Set Screw.....
176012	22626	" " " Shaft.....
176013	22626	" " " Spring.....
176014	22626	" " " Worm Gear with two 889C.....
889C	22627	Feeding Disc (back) Worm Gear Set Screw.
176015	22626	" " " " Wheel.....
176016	22626	" " " " " Driver...
176017	22627	" " " " " "
		Collar with 460C.....
460C	22627	Feeding Disc (back) Worm Wheel Driver Collar Set Screw.....
176018	22627	Feeding Disc (back) Worm Wheel Driver Pressure Spring.....
176019	22627	Feeding Disc (back) Worm Wheel Driver Pressure Spring Stud.....
176020	22627	Feeding Disc (back) Worm Wheel Driver Screw Stud.....
176021	22627	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud.....
1650C	22627	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud Nut.....
176022	22627	Feeding Disc (back) Worm Wheel Pin.....
176023	22626	" " " " " Shaft....
176099	-----	" " " " " "
		176023 with 176015 and 176022.....
176226	-----	Feeding Disc (back) Worm Wheel Shaft 176099 with 1650C, 176016 to 176019 and 176021.....
577C	22627	Feeding Disc (back) Worm Wheel Shaft Screw Center.....
176024	-----	Feeding Disc (back) Worm Wheel Shaft Screw Center 577C with 51661J.....
51661J	22627	Feeding Disc (back) Worm Wheel Shaft Screw Center Nut.....
176025	22627	Feeding Disc (back) Worm Wheel Stop Dog.

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From the library of: Superior Sewing Machine & Supply LLC

No.	Plate	Name
176051	22832	Looper Driving Shaft Frame.....
176233	-----	" " " " 176051 with 176047, 176049, 176061 and 176064.....
176052	22832	Looper Driving Shaft Frame Crank.....
176053	22832	" " " " " 176052 with 176054.....
176232	-----	Looper Driving Shaft Frame Crank 176053 with 51689J and 176055.....
176054	22832	Looper Driving Shaft Frame Crank Driving Stud.....
176055	22832	Looper Driving Shaft Frame Crank Hinge Bracket.....
176199	22830	Looper Driving Shaft Frame Crank Hinge Bracket Packing (.004 in. thick)....
176200	-----	Looper Driving Shaft Frame Crank Hinge Bracket Packing (.008 in. thick)....
176154	-----	Looper Driving Shaft Frame Crank Hinge Bracket Packing (.020 in. thick)....
1396C	22830	Looper Driving Shaft Frame Crank Hinge Bracket Screw.....
51689J	22827	Looper Driving Shaft Frame Crank Nut....
176057	22830	" " " " Hinge Screw Stud.....
51689J	22827	Looper Driving Shaft Frame Hinge Screw Stud Nut.....
176059	22831	Looper Oscillating Cam with 889C.....
176228	-----	" " " " 176059 with 176005 and two 160E.....
176060	22830	Looper Oscillating Cam Pin.....
889C	22827	" " " Set Screw.....
176061	22830	" " Crank with 50203E....
176062	22830	" " " Ball.....
176234	-----	" " " " 176062 with 176063.....
176063	22830	Looper Oscillating Crank Ball Stud.....
50203E	22830	" " " " " Clamp- ing Screw.....
176064	22830	Looper Oscillating Crank Pin.....
*176050	-----	Needle Bar (hollow).....
176065	22831	" " 176050 with 176058 and 176075
176066	-----	Needle Bar complete, Nos. 140082F, 140083F 140084F, 176065, 176070, 176071, 176073 and 176074.....
176067	22830	Needle Bar Bushing with 176101.....
51682C	22833	" " " Lock Nut.....
176101	22833	" " " Steady Pin.....
176068	22831	" " Connection with two 152E.....
152E	22833	" " " Clamping Screw....
176069	22831	" " Eccentric with 449C.....

No.	Plate	Name
176009	22627	Needle Bar Eccentric Pin.....
449C	22633	" " " Set Screw.....
176070	22633	" " Thread Guide.....
140082F	22633	" " " Screw.....
140083F	22633	" " " Nipper Screw.....
176071	22633	" " " " Bushing..
176072	22632	" " " " Slide Rod.....
50421C	22633	" " " " " " Set Screw.....
176073	22633	Needle Bar Thread Nipper Spring.....
176074	22633	" Clamp.....
*176058	-----	" " Body.....
140084F	22633	" " Screw.....
176075	22633	" " Steady Pin.....
176076	22633	" Guide, for Regular Work.....
176206	22633	" " " Ermine and Mink.....
50128F	22633	" " Screw.....
176077	22633	Stitch Indicator.....
176078	22633	" Regulating Screw Stud.....
176079	22633	" " " " 176078 with 176036 and 176080.....
176080	22633	Stitch Regulating Screw Stud Block.....
176036	22630	" " " " " Pin..
1650C	22627	" " " " " Nut.....
176082	22633	" " " " " Washer.
176083	22633	" " " " " Slide Block
51663J	22633	" " " " " Thumb Nut..
633C	22634	Tension Screw Stud.....
58592	-----	" " " 633C with 1560C.....
2102	22634	" Disc.....
1560C	22634	" Regulating Thumb Nut.....
176084	22634	" Spring.....
176085	-----	Tension complete, Nos. 58592, 176084 and two 2102.....
176088	22632	Work Guide.....
440C	22627	" " Set Screw.....
*15404	-----	Trade Mark.....
15405	-----	" " Rivet.....

MACHINE No. 176-12

For Medium and Heavy Fur Work. Also used for closing and sleeve operations. Horizontal needle bar with $1\frac{1}{8}$ inch stroke. Three movement looper. Can be adjusted to make from 8 to 36 stitches per inch. Discs have $\frac{1}{8}$ inch wide toothed feed surface. Speed 1750 R. P. M.

NOTE: THIS MACHINE IS THE SAME AS THE 176-11
WITH THE FOLLOWING EXCEPTIONS:

No.	Plate	Name
176223	-----	Feeding Disc (front) 176028 with 50128F, 176037, 176214 and twelve 176038, in place of 176221 and 176222 ..
*176208	-----	Head of Machine with 15404 and two each 15405 and 176009, in place of 176039
176209	22632	Looper, in place of 176048.....
176231	-----	" Driving Eccentric 176048 with 176229, in place of 176230.....
176210	22632	Looper Driving Shaft Frame, in place of 176051.....
176235	-----	Looper Driving Shaft Frame 176210 with 176047, 176049, 176061 and 176064, in place of 176233.....
176211	22632	Looper Driving Shaft Frame Crank Hinge Bracket (back) in place of one 176055.....
176212	22631	Looper Oscillating Cam with 889C, in place of 176059.....
176229	-----	Looper Oscillating Cam 176212 with 176005 and two 160E, in place of 176228.....
176216	22631	Needle Bar 176050 with 176058 and 176075 in place of 176065.....
176217	-----	Needle Bar complete, Nos. 140082F, 140083F, 140084F, 176070, 176071, 176073, 176074 and 176216, in place of 176066.....
176219	22631	Needle Bar Eccentric with 449C, in place of 176069.....
176213	22632	Needle Bar Thread Nipper Slide Rod, in place of 176072.....
176214	22633	Needle Guide, in place of 176078 and 176206

LIST OF PARTS COMPLETE FOR

MACHINE No. 176-13

For Heaviest of Fur Work. Horizontal needle bar with 1 3/8 inch stroke. Three movement looper. Can be adjusted to make from 4 to 10 stitches per inch. Discs have 5/32 inch wide toothed feed surface. Speed 1500 R. P. M.

No.	Plate	Name
176100	22638	Balance Wheel, 3 15/16 in. diam. pulley, with 445C.....
445C	22634	Balance Wheel Set Screw.....
176102	22635	" " Shaft.....
176103	22635	" " " Bushing (left).....
998C	22627	" " " " " Set Screw
176104	22635	" " " " (right).....
998C	22627	" " " " " Set Screw.....
176105	22635	Balance Wheel Shaft Counterbalance (large).....
176106	22635	Balance Wheel Shaft Counterbalance (small).....
145E	22634	Balance Wheel Shaft Counterbalance Screw (long).....
159E	22634	Balance Wheel Shaft Counterbalance Screw (short).....
176107	22634	Balance Wheel Washer (felt).....
176108	22635	Feed Connection.....
140086C	22634	" " Hinge Screw.....
176109	22635	" Eccentric with 889C.....
176110	22634	" " Pin.....
889C	22627	" " Set Screw.....
176111	22635	" Lever.....
176112	22636	Feeding Disc (back) with two 445C.....
445C	22634	" " " Set Screw.....
176113	22635	" " " Shaft.....

No.	Plate	Name
176114	22635	Feeding Disc (back) Shaft Reinforcing Sleeve with two 445C.....
445C	22634	Feeding Disc (back) Shaft Reinforcing Sleeve Set Screw.....
176150	22635	Feeding Disc (back) Worm Gear with two 445C.....
445C	22634	Feeding Disc (back) Worm Gear Set Screw.
176151	22635	" " " " Wheel.....
176115	22637	" " " " " Driver with 440C.....
176017	22627	Feeding Disc (back) Worm Wheel Driver Collar with 480C.....
480C	22627	Feeding Disc (back) Worm Wheel Driver Collar Set Screw.....
176116	22634	Feeding Disc (back) Worm Wheel Driver Pressure Spring.....
176117	22634	Feeding Disc (back) Worm Wheel Driver Pressure Spring Stud.....
176118	22634	Feeding Disc (back) Worm Wheel Driver Screw Stud.....
176119	22634	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud.....
51664C	22634	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud Nut.....
440C	22627	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud Set Screw.....
176120	22634	Feeding Disc (back) Worm Wheel Pin.....
176121	22637	" " " " " Shaft....
176122	-----	" " " " " "
		176121 with 176120 and 176151.....
577C	22627	Feeding Disc (back) Worm Wheel Shaft Screw Center.....
176024	-----	Feeding Disc (back) Worm Wheel Shaft Screw Center 577C with 51661J.....
51661J	22627	Feeding Disc (back) Worm Wheel Shaft Screw Center Nut.....
176123	22637	Feeding Disc (back) Worm Wheel Stop Dog.
176124	22637	" " " " " " "
		Hinge Stud.....
435C	22627	Feeding Disc (back) Worm Wheel Stop Dog Hinge Stud Set Screw.....
176125	22637	Feeding Disc (back) Worm Wheel Stop Dog Spring.....
176126	22636	Feeding Disc (front).....
176224	-----	" " " " 176126 with 51285F, 176175, 176186 and fourteen 176134...
*176127	22638	Feeding Disc (front) Arm with 1396C.....
176128	22638	" " " " " 176127 with 176132, 176133 and two 176009.....

No.	Plate	Name
176129	22637	Feeding Disc (front) Arm Bell Crank.....
176130	22637	" " " " " " Shaft
577C	22627	" " " " " " "
		Set Screw.....
176131	22637	Feeding Disc (front) Arm Pressure Spring
140087E	22641	" " " " " "
		Screw.....
1714E	22630	Feeding Disc (front) Arm Pressure Spring
		Screw Nut.....
*176132	22638	Feeding Disc (front) Arm Shaft (lower)..
*176133	22638	" " " " " (upper)..
176009	22627	" " " " " Pin.....
176186	22636	" " " " " Bearing Screw Stud.
1396C	22630	" " " " " " "
		Clamping Screw.....
176134	22641	Feeding Disc (front) Roller.....
*176135	-----	Head of Machine with 15404 and two each 15405 and 176009:.....
176136	22637	Head of Machine Back Cover.....
176137	22637	" " " " " Clamp.....
376J	22630	" " " " " Screw.....
176138	22638	" " " " " Front Cover.....
140088R	22634	" " " " " Screw.....
176139	22638	" " " " " Top Cover with three 176045.....
176009	22627	Head of Machine Top Cover Steady Pin....
176045	22630	" " " " " Thread Eyelet.
176140	22639	Looper.....
176141	22640	" Clamping Nut.....
176142	22639	" Driving Eccentric with 889C.....
889C	22627	" " " Set Screw.....
176143	22639	" " Shaft.....
176145	22639	" " " Frame.....
176146	22639	" " " " Crank.....
176147	22639	" " " " " 176146 with 176148.....
176148	22639	Looper Driving Shaft Frame Crank Driving Stud.....
176149	22639	Looper Driving Shaft Frame Crank Hinge Bracket (back).....
176144	22639	Looper Driving Shaft Frame Crank Hinge Bracket (front).....
176153	-----	Looper Driving Shaft Frame Crank Hinge Bracket (front) Packing (.006 in. thick).....
176152	22639	Looper Driving Shaft Frame Crank Hinge Bracket (front) Packing (.020 in. thick).....
1396C	22630	Looper Driving Shaft Frame Crank Hinge Bracket Screw.....

No.	Plate	Name
1684J	22641	Looper Driving Shaft Frame Crank Nut....
176155	22638	" Oscillating Cam with 889C.....
176158	22640	" " " Pin.....
889C	22627	" " " Set Screw.....
176157	22640	" " " Crank with 164E.....
176158	22640	" " " Ball.....
176159	22640	" " " Stud.....
164E	22640	" " " " " Clamp- ing Screw.....
176160	22640	Looper Oscillating Crank Pin.....
*176081	-----	Needle Bar (hollow).....
176161	22639	" " 176081 with 176173.....
176162	-----	Needle Bar complete, Nos.140082F,140089F 140090F,176161,176168,176169,176171, 176172 and 176174.....
176163	22640	Needle Bar Bushing with 176164.....
51665C	22634	" " " Lock Nut.....
176164	22640	" " " Steady Pin.....
176165	22636	" " " Connection with two 51320E...
51320E	22640	" " " Clamping Screw....
176166	22636	" " " Eccentric with 889C.....
176110	22634	" " " Pin.....
889C	22627	" " " Set Screw.....
176168	22640	" " " Thread Guide.....
140082F	22633	" " " " Screw.....
140089F	22640	" " " Nipper Screw.....
176169	22640	" " " " Bushing..
176170	22638	" " " " Slide Rod.....
440C	22627	" " " " " Set Screw.....
176171	22640	Needle Bar Thread Nipper Spring.....
176172	22640	" Clamp.....
*176173	-----	" " Body.....
140090F	22640	" " Screw.....
176174	22640	" " Steady Pin.....
176175	22641	" Guide.....
51285F	22641	" " Screw.....
176176	22641	Stitch Indicator.....
176177	22641	" Regulating Screw Stud.....
176178	22641	" " " " 176177 with 176179 and 176180.....
176179	22641	Stitch Regulating Screw Stud Block.....
176180	22641	" " " " " Pin..
1684C	22641	" " " " " Nut.....
176181	22641	" " " " " Washer.
176182	22641	" " " " " Slide Block
51666J	22641	" " " " " Thumb Nut..
633C	22634	Tension Screw Stud.....
58592	-----	" " " " 633C with 1560C.....

No.	Plate	Name
2102	22834	Tension Disc.....
1560C	22834	" Regulating Thumb Nut.....
176084	22834	" Spring.....
176085	-----	Tension complete, Nos. 58592, 176084 and two 2102.....
176183	22836	Work Guide.....
448C	22840	" " Set Screw.....
•15404	-----	Trade Mark.....
15405	-----	" " Rivet.....

**Genuine Singer Needles should be used
in Singer Machines.
These Needles and their Containers
are marked with the
Company's Trade Mark "SIMANCO." 1**

**Needles in Containers marked
"For Singer Machines"
are not Singer made needles. 2**

ACCESSORIES

No.	Plate	Name
176203	-----	Belt, 1/4 in. round, 36 in. long, with 176088, for 176-11 and 176-12 Machines.....
176087	-----	Belt, 5/16 in. round, 36 in. long, with 25029, for 176-13 Machine.....
176088	22641	Belt Hook, for 176203.....
25029	22641	" " " 176087.....
120342	22642	Oiler (copper plated) with 120343.....
120343	22642	" Spout, 3 1/2 in. long.....
26026	22642	Screw Driver.....
176089	22642	Tweezers.....
176201	22642	Wrench for 176047, for 176-11 and 176-12 Machines.....
176202	22642	Wrench for 176141, for 176-13 Machine...

MACHINE BASE

No.	Plate	Name
176090	22643	Machine Base with four wood screws 1 in. No. 10 F.H., for 176-11 and 176-12 Machines.....
176184	22638	Machine Base with four wood screws 1 in. No. 10 F.H., for 176-13 Machine
49123	22642	Machine Base Oil Pipe.....
49124	22642	" " " " Drain Cock.....
145E	22634	" Screw, for 176-11 and 176-12 Machines.....
122E	22641	Machine Screw, for 176-13 Machine.....

FEEDING DISC OPENING AND STARTING PARTS

No.	Plate	Name
175216	22643	Feeding Disc Opening Treadle.....
175217	22641	" " " " Hinge Pin..
175218	22643	" " " " Stand.....
175219	22643	Feeding Disc Opening Treadle complete, Nos. 175216 to 175218 and two wood screws 1 in. No. 14 F.H.....
46848	22643	Feeding Disc Opening Treadle Pitman Rod (lower).....

No.	Plate	Name
46848	22643	Feeding Disc Opening Treadle Pitman Rod (upper).....
46849	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever.....
46850	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Bracket....
24665	22634	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Hinge Pin..
46851	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever complete, Nos. 24665, 46849, 46850 and two wood screws 3/4 in. No. 10 R.H., for 176-11 and 176-12 Machines.....
152011	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever complete, Nos. 24665, 46849, 46850 and two wood screws 3/4 in. No. 10 R.H., for 176-13 Machine.....
176207	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Chain (7 links) for 176-11 and 176-12 Machines
176185	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Chain (8 links) for 176-13 Machine.....
80223	22643	Feeding Disc Opening Treadle Pitman Rod Clamp with 361C.....
361C	22641	Feeding Disc Opening Treadle Pitman Rod Clamp Set Screw.....
123183	22634	Feeding Disc Opening Treadle Pitman Rod Cotter Pin.....
176091	22643	Feeding Disc Opening Treadle Pitman Rod complete, Nos. 80223 and two each 46848 and 123183.....
175216	22643	Starting Treadle.....
175217	22641	" " Hinge Pin.....
175218	22643	" " Stand.....
175219	22643	Starting Treadle complete, Nos. 175216 to 175218 and two wood screws 1 in. No. 14 F.H.....
46848	22643	Starting Treadle Pitman Rod (lower).....
46848	22643	" " " " (upper).....
80223	22643	" " " " Clamp with 361C.....
361C	22641	Starting Treadle Pitman Rod Clamp Set Screw.....
123183	22634	Starting Treadle Pitman Rod Cotter Pin..
176091	22643	Starting Treadle Pitman Rod complete, Nos. 80223 and two each 46848 and 123183.....

SPOOL STANDS

SPOOL STAND

FOR 176-11 and 176-12 MACHINES

No.	Plate	Name
178092	22844	Spool Base with 178093.....
178093	22844	" Pin.....
178094	22844	" Weight (large).....
178095	22844	" " (medium).....
178096	22844	" " (small).....
178097	22844	Thread Guide.....
178098	22844	Spool Stand complete, Nos. 178092 and 178094 to 178097.....
1398C	22830	Spool Stand Screw.....

SPOOL STAND

FOR 176-13 MACHINE

No.	Plate	Name
27882	22844	Spool Rest.....
60855	-----	" " 27882 with 27884.....
41514	22844	" Weight, 4 in. diam., with 41515...
41515	-----	" " Center Pin.....
27884	22844	Thread Eyelet Rod.....
27885	22844	Spool Stand complete, Nos. 41514, 60855 and two wood screws 3/4 in. No. 10 F.H..

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NUMERICAL
LIST
OF PARTS

NUMERICAL LIST OF PARTS

No.	Plate	Name
122E	22641	Machine Screw, for 176-13 Machine.....
145E	22634	Balance Wheel Shaft Counterbalance Screw (long) for 176-13 Machine.....
145E	22634	Machine Screw, for 176-11 and 176-12 Ma- chines.....
152E	22633	Needle Bar Connection Clamping Screw, for 176068.....
159E	22634	Balance Wheel Shaft Counterbalance Screw (short) for 176-13 Machine.....
160E	22627	Balance Wheel Shaft Counterbalance Screw for 176228 and 176229.....
164E	22640	Looper Oscillating Crank Ball Stud Clamping Screw, for 176157.....
361C	22641	Feeding Disc Opening Treadle Pitman Rod Clamp Set Screw, for 80223.....
361C	22641	Starting Treadle Pitman Rod Clamp Set Screw, for 80223.....
376J	22630	Head of Machine Back Cover Screw.....
435C	22627	Balance Wheel Set Screw, for 176001.....
435C	22627	Feeding Disc (back) Worm Wheel Stop Dog Hinge Stud Set Screw, for 176-13 Ma- chine.....
440C	22627	Feeding Disc (back) Worm Wheel Stop Dog Hinge Stud Set Screw, for 176-11 and 176-12 Machines.....
440C	22627	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud Set Screw, for 176115.....
440C	22627	Needle Bar Thread Nipper Slide Rod Set Screw, for 176-13 Machine.....
440C	22627	Work Guide Set Screw, for 176-11 and 176-12 Machines.....
445C	22634	Balance Wheel Set Screw, for 176100.....
445C	22634	Feeding Disc (back) Set Screw, for 176112
445C	22634	" " " Shaft Reinforcing Sleeve Set Screw, for 176114.....
445C	22634	Feeding Disc (back) Worm Gear Set Screw, for 176150.....
448C	22640	Work Guide Set Screw, for 176-13 Machine.
449C	22633	Needle Bar Eccentric Set Screw, for 176069 and 176219.....
460C	22627	Feeding Disc (back) Worm Wheel Driver Collar Set Screw, for 176017.....
577C	22627	Feeding Disc (back) Worm Wheel Shaft Screw Center, for 176024.....
577C	22627	Feeding Disc (front) Arm Bell Crank Shaft Set Screw.....

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No.	Plate	Name
633C	22634	Tension Screw Stud, for 58592.....
889C	22627	Feed Eccentric Set Screw, for 176008 and 176109.....
889C	22627	Feeding Disc (back) Set Screw, for 176011 and 176204.....
889C	22627	Feeding Disc (back) Worm Gear Set Screw, for 176014.....
889C	22627	Looper Driving Eccentric Set Screw, for 176048 and 176142.....
889C	22627	Looper Oscillating Cam Set Screw, for 176059, 176155 and 176212.....
889C	22627	Needle Bar Eccentric Set Screw, for 176166.....
998C	22627	Balance Wheel Shaft Bushing (left) Set Screw.....
998C	22627	Balance Wheel Shaft Bushing (right) Set Screw.....
1396C	22630	Feeding Disc (front) Bearing Screw Stud Clamping Screw, for 176029 and 176127
1396C	22630	Looper Driving Shaft Frame Crank Hinge Bracket Screw.....
1396C	22630	Spool Stand Screw, for 176-11 and 176-12 Machines.....
1560C	22634	Tension Regulating Thumb Nut, for 58592..
1650C	22627	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud Nut, for 176226..
1650C	22627	Stitch Regulating Screw Stud Nut, for 176227.....
1684J	22641	Looper Driving Shaft Frame Crank Nut, for 176-13 Machine.....
1684C	22641	Stitch Regulating Screw Stud Nut, for 176-13 Machine.....
1714E	22630	Feeding Disc (front) Arm Pressure Spring Screw Nut.....
2102	22634	Tension Disc, for 176085.....
*15404	-----	Trade Mark, for 176039, 176135 and 176208
15405	-----	" " Rivet, for 176039, 176135 and 176208.....
24885	22634	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Hinge Pin, for 48851 and 152011.....
25029	22641	Belt Hook, for 176087.....
26026	22642	Screw Driver (Accessories).....
27882	22644	Spool Stand Spool Rest, for 60655.....
27884	22644	" " Thread Eyelet Rod, for 60655
27885	22644	Spool Stand complete, for 176-13 Machine Nos. 41514, 60655 and two wood screws 3/4 in. No. 10 F.H.....
41514	22644	Spool Stand Spool Weight, 4 in. diam., with 41515, for 27885.....

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No.	Plate	Name
41515	-----	Spool Stand Spool Weight Center Pin, for 41514.....
46848	22643	Feeding Disc Opening Treadle Pitman Rod (lower) for 176091.....
46848	22643	Feeding Disc Opening Treadle Pitman Rod (upper) for 176091.....
46848	22643	Starting Treadle Pitman Rod (lower) for 176091.....
46848	22643	Starting Treadle Pitman Rod (upper) for 176091.....
46849	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever, for 46851 and 152011.....
46850	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Bracket, for 46851 and 152011.....
46851	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever complete, for 176-11 and 176-12 Machines, Nos. 24665, 46849, 46850 and two wood screws 3/4 in. No. 10 R.H.....
49123	22642	Machine Base Oil Pipe.....
49124	22642	" " " Drain Cock.....
50128F	22633	Needle Guide Screw, for 176221 to 176223
50203E	22630	Looper Oscillating Crank Ball Stud Clamping Screw, for 176061.....
50421C	22633	Needle Bar Thread Nipper Slide Rod Set Screw, for 176-11 and 176-12 Machines
51285F	22641	Needle Guide Screw, for 176224.....
51320E	22640	" Bar Connection Clamping Screw, for 176185.....
51661J	22627	Feeding Disc (back) Worm Wheel Shaft Screw Center Nut, for 176024.....
51662C	22633	Needle Bar Bushing Lock Nut, for 176-11 and 176-12 Machines.....
51663J	22633	Stitch Regulating Screw Stud Thumb Nut, for 176227.....
51664C	22634	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud Nut, for 176-13 Machine.....
51665C	22634	Needle Bar Bushing Lock Nut, for 176-13 Machine.....
51666J	22641	Stitch Regulating Screw Stud Thumb Nut, for 176-13 Machine.....
51669J	22627	Looper Driving Shaft Frame Crank Nut, for 176232.....
51669J	22627	Looper Driving Shaft Frame Hinge Screw Stud Nut, for 176-11 and 176-12 Machines.....

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No.	Plate	Name
58592	-----	Tension Screw Stud 633C with 1560C, for 176085.....
60655	-----	Spool Stand Spool Rest 27882 with 27884, for 27885.....
80223	22643	Feeding Disc Opening Treadle Pitman Rod Clamp with 361C, for 176091.....
80223	22643	Starting Treadle Pitman Rod Clamp with 361C, for 176091.....
120342	22642	Oiler (copper plated) with 120343 (Accessories).....
120343	22642	Oiler Spout, 3 1/2 in. long, for 120342.
123183	22634	Feeding Disc Opening Treadle Pitman Rod Cotter Pin, for 176091.....
123183	22634	Starting Treadle Pitman Rod Cotter Pin, for 176091.....
140079C	22627	Feed Connection Hinge Screw, for 176-11 and 176-12 Machines.....
140080E	22630	Feeding Disc (front) Arm Pressure Spring Screw, for 176-11 and 176-12 Machines
140081R	22630	Head of Machine Front Cover Screw, for 176-11 and 176-12 Machines.....
140082F	22633	Needle Bar Thread Guide Screw, for 176066 176162 and 176217.....
140083F	22633	Needle Bar Thread Nipper Screw, for 176066 and 176217.....
140084F	22633	Needle Clamp Screw, for 176066 and 176217
140086C	22634	Feed Connection Hinge Screw, for 176-13 Machine.....
140087E	22641	Feeding Disc (front) Arm Pressure Spring Screw, for 176-13 Machine.....
140088R	22634	Head of Machine Front Cover Screw, for 176-13 Machine.....
140089F	22640	Needle Bar Thread Nipper Screw, for 176162.....
140090F	22640	Needle Clamp Screw, for 176162.....
152011	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever complete, for 176-13 Machine, Nos. 24865, 46849, 46850 and two wood screws 3/4 in. No. 10 R.H.....
175216	22643	Feeding Disc Opening Treadle, for 175219.
175216	22643	Starting Treadle, for 175219.....
175217	22641	Feeding Disc Opening Treadle Hinge Pin, for 175219.....
175217	22641	Starting Treadle Hinge Pin, for 175219..
175218	22643	Feeding Disc Opening Treadle Stand, for 175219.....
175218	22643	Starting Treadle Stand, for 175219.....

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No.	Plate	Name
175219	22843	Feeding Disc Opening Treadle complete, Nos. 175216 to 175218 and two wood screws 1 in. No. 14 F.H.....
175219	22843	Starting Treadle complete, Nos. 175216 to 175218 and two wood screws 1 in. No. 14 F.H.....
176001	22826	Balance Wheel, 2 1/8 in. diam. pulley, with 435C, for 176-11 and 176-12 Machines.....
176002	22826	Balance Wheel Shaft, for 176-11 and 176-12 Machines.....
176003	22826	Balance Wheel Shaft Bushing (left) for 176-11 and 176-12 Machines.....
176004	22826	Balance Wheel Shaft Bushing (right) for 176-11 and 176-12 Machines.....
176005	22831	Balance Wheel Shaft Counterbalance, for 176228 and 176229.....
176006	22827	Balance Wheel Washer (felt) for 176-11 and 176-12 Machines.....
176007	22826	Feed Connection, for 176225.....
176008	22831	" Eccentric with 889C, for 176225....
176009	22827	" " Pin, for 176-11 and 176-12 Machines.....
176009	22827	Feeding Disc (front) Arm Shaft Pin, for 176128.....
176009	22827	Head of Machine Top Cover Steady Pin, for 176039 and 176208.....
176009	22827	Needle Bar Eccentric Pin, for 176-11 and 176-12 Machines.....
176010	22826	Feed Lever, for 176227.....
176011	22826	Feeding Disc (back) with two 889C, for Regular Work, for 176-11 and 176-12 Machines.....
176012	22826	Feeding Disc (back) Shaft, for 176-11 and 176-12 Machines.....
176013	22826	Feeding Disc (back) Shaft Spring, for 176-11 and 176-12 Machines.....
176014	22826	Feeding Disc (back) Worm Gear with two 889C, for 176-11 and 176-12 Machines
176015	22826	Feeding Disc (back) Worm Wheel, for 176099.....
176016	22826	Feeding Disc (back) Worm Wheel Driver, for 176226.....
176017	22827	Feeding Disc (back) Worm Wheel Driver Collar with 480C, for 176226 and 176-13 Machine.....
176018	22827	Feeding Disc (back) Worm Wheel Driver Pressure Spring, for 176226.....
176019	22827	Feeding Disc (back) Worm Wheel Driver Pressure Spring Stud, for 176226....

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No.	Plate	Name
176020	22627	Feeding Disc (back) Worm Wheel Driver Screw Stud, for 176-11 and 176-12 Machines.....
176021	22627	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud, for 176226.....
176022	22627	Feeding Disc (back) Worm Wheel Pin, for 176099.....
176023	22628	Feeding Disc (back) Worm Wheel Shaft, for 176099.....
176024	-----	Feeding Disc (back) Worm Wheel Shaft Screw Center 577C with 51681J.....
176025	22627	Feeding Disc (back) Worm Wheel Stop Dog, for 176-11 and 176-12 Machines.....
176026	22627	Feeding Disc (back) Worm Wheel Stop Dog Hinge Stud, for 176-11 and 176-12 Machines.....
176027	22627	Feeding Disc (back) Worm Wheel Stop Dog Spring, for 176-11 and 176-12 Machines.....
176028	22626	Feeding Disc (front) for Regular Work, for 176221 and 176223.....
*176029	22628	Feeding Disc (front) Arm with 1396C, for 176030.....
176030	22628	Feeding Disc (front) Arm 176029 with 176034, 176035 and two 176036, for 176-11 and 176-12 Machines.....
176031	22628	Feeding Disc (front) Arm Bell Crank, for 176-11 and 176-12 Machines.....
176032	22628	Feeding Disc (front) Arm Bell Crank Shaft, for 176-11 and 176-12 Machines.....
176033	22628	Feeding Disc (front) Arm Pressure Spring for 176-11 and 176-12 Machines.....
*176034	22628	Feeding Disc (front) Arm Shaft (lower) for 176030.....
*176035	22628	Feeding Disc (front) Arm Shaft (upper) for 176030.....
176036	22630	Feeding Disc (front) Arm Shaft Pin, for 176030.....
176036	22630	Stitch Regulating Screw Stud Block Pin, for 176079.....
176037	22630	Feeding Disc (front) Bearing Screw Stud, for 176221 to 176223.....
176038	22630	Feeding Disc (front) Roller, for 176221 to 176223.....
*176039	-----	Head of Machine with 15404 and two each 15405 and 176009, for 176-11 Machine.....
176040	22629	Head of Machine (back) Cover, for 176-11 and 176-12 Machines.....

No.	Plate	Name
176041	22629	Head of Machine (back) Cover Clamp, for 176-11 and 176-12 Machines.....
176042	22629	Head of Machine Front Cover, for 176-11 and 176-12 Machines.....
176043	22629	Head of Machine Top Cover with two 176045, for 176-11 and 176-12 Machines.....
176045	22630	Head of Machine Top Cover Thread Eyelet, for 176043 and 176139.....
176046	22632	Looper, for 176-11 Machine.....
176047	22630	" Clamping Nut, for 176233 and 176235.....
176048	22631	Looper Driving Eccentric with 889C, for 176230 and 176231.....
176049	22631	Looper Driving Shaft, for 176233 and 176235.....
*176050	-----	Needle Bar (hollow) for 176065 and 176216.....
176051	22632	Looper Driving Shaft Frame, for 176233..
176052	22632	" " " " Crank, for 176053.....
176053	22632	Looper Driving Shaft Frame Crank 176052 with 176054, for 176232.....
176054	22632	Looper Driving Shaft Frame Crank Driving Stud, for 176053.....
176055	22632	Looper Driving Shaft Frame Crank Hinge Bracket, for 176232.....
176057	22630	Looper Driving Shaft Frame Hinge Screw Stud, for 176-11 and 176-12 Machines
*176058	-----	Needle Clamp Body, for 176065 and 176216
176059	22631	Looper Oscillating Cam with 889C, for 176228.....
176060	22630	Looper Oscillating Cam Pin, for 176-11 and 176-12 Machines.....
176061	22630	Looper Oscillating Crank with 50203E, for 176233 and 176235.....
176062	22630	Looper Oscillating Crank Ball, for 176234
176063	22630	" " " " Stud, for 176234.....
176064	22630	Looper Oscillating Crank Pin, for 176233 and 176235.....
176065	22631	Needle Bar 176050 with 176058 and 176075 for 176066.....
176066	-----	Needle Bar complete, for 176-11 Machine, Nos. 140082F, 140083F, 140084F, 176065, 176070, 176071, 176073 and 176074.....
176067	22630	Needle Bar Bushing with 176101, for 176-11 and 176-12 Machines.....
176068	22631	Needle Bar Connection with two 152E, for 176-11 and 176-12 Machines.....

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No.	Plate	Name
176069	22631	Needle Bar Eccentric with 449C, for 176-11 Machine.....
176070	22633	Needle Bar Thread Guide, for 176066 and 176217.....
176071	22633	Needle Bar Thread Nipper Screw Bushing, for 176066 and 176217.....
176072	22632	Needle Bar Thread Nipper Slide Rod, for 176-11 Machine.....
176073	22633	Needle Bar Thread Nipper Spring, for 176066 and 176217.....
176074	22633	Needle Clamp, for 176066 and 176217....
176075	22633	" " Steady Pin, for 176065 and 176216.....
176076	22633	Needle Guide, for Regular Work, for 176221.....
176077	22633	Stitch Indicator, for 176227.....
176078	22633	" Regulating Screw Stud, for 176079
176079	22633	" " " " 176078 with 176036 and 176080, for 176227.
176080	22633	Stitch Regulating Screw Stud Block, for 176079.....
176081	-----	Needle Bar (hollow) for 176161.....
176082	22633	Stitch Regulating Screw Stud Nut Washer for 176227.....
176083	22633	Stitch Regulating Screw Stud Slide Block, for 176227.....
176084	22634	Tension Spring, for 176085.....
176085	-----	Tension complete, Nos. 58592, 176084 and two 2102.....
176086	22632	Work Guide, for 176-11 and 176-12 Machines.....
176087	-----	Belt, 5/16 in. round, 36 in. long, with 25029, for 176-13 Machine (Accessories).....
176088	22641	Belt Hook, for 176203.....
176089	22642	Tweezers (Accessories).....
176090	22643	Machine Base with four wood screws 1 in. No. 10 F.H., for 176-11 and 176-12 Machines.....
176091	22643	Feeding Disc Opening Treadle Pitman Rod complete, Nos. 80223 and two each 46848 and 123183.....
176091	22643	Starting Treadle Pitman Rod complete, Nos. 80223 and two each 46848 and 123183.....
176092	22644	Spool Stand Spool Base with 176093, for 176098.....
176093	22644	Spool Stand Spool Pin, for 176092.....
176094	22644	" " " Weight (large) for 176098.....

No.	Plate	Name
176095	22644	Spool Stand Spool Weight (medium) for 176098.....
176096	22644	Spool Stand Spool Weight (small) for 176098.....
176097	22644	Spool Stand Thread Guide, for 176098....
176098	22644	Spool Stand complete, for 176-11 and 176-12 Machines, Nos. 176092 and 176094 to 176097.....
176099	-----	Feeding Disc (back) Worm Wheel Shaft 176023 with 176015 and 176022, for 176226.....
176100	22638	Balance Wheel, 3 15/16 in. diam. pulley, with 445C, for 176-13 Machine.....
176101	22633	Needle Bar Bushing Steady Pin, for 176067
176102	22635	Balance Wheel Shaft, for 176-13 Machine.
176103	22635	" " " Bushing (left) for 176-13 Machine.....
176104	22635	Balance Wheel Shaft Bushing (right) for 176-13 Machine.....
176105	22635	Balance Wheel Shaft Counterbalance (large) for 176-13 Machine.....
176106	22635	Balance Wheel Shaft Counterbalance (small) for 176-13 Machine.....
176107	22634	Balance Wheel Washer (felt) for 176-13 Machine.....
176108	22635	Feed Connection, for 176-13 Machine.....
176109	22635	" Eccentric with 989C, for 176-13 Machine.....
176110	22634	Feed Eccentric Pin, for 176-13 Machine..
176110	22634	Needle Bar Eccentric Pin, for 176-13 Machine.....
176111	22635	Feed Lever, for 176-13 Machine.....
176112	22636	Feeding Disc (back) with two 445C, for 176-13 Machine.....
176113	22635	Feeding Disc (back) Shaft, for 176-13 Machine.....
176114	22635	Feeding Disc (back) Shaft Reinforcing Sleeve with two 445C, for 176-13 Machine.....
176115	22637	Feeding Disc (back) Worm Wheel Driver with 440C, for 176-13 Machine.....
176116	22634	Feeding Disc (back) Worm Wheel Driver Pressure Spring, for 176-13 Machine.
176117	22634	Feeding Disc (back) Worm Wheel Driver Pressure Spring Stud, for 176-13 Machine.....
176118	22634	Feeding Disc (back) Worm Wheel Driver Screw Stud, for 176-13 Machine.....

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No.	Plate	Name
176119	22634	Feeding Disc (back) Worm Wheel Driver Wearing Screw Stud, for 176-13 Machine.....
176120	22634	Feeding Disc (back) Worm Wheel Pin, for 176122.....
176121	22637	Feeding Disc (back) Worm Wheel Shaft, for 176122.....
176122	-----	Feeding Disc (back) Worm Wheel Shaft 176121 with 176120 and 176151, for 176-13 Machine.....
176123	22637	Feeding Disc (back) Worm Wheel Stop Dog, for 176-13 Machine.....
176124	22637	Feeding Disc (back) Worm Wheel Stop Dog Hinge Stud, for 176-13 Machine.....
176125	22637	Feeding Disc (back) Worm Wheel Stop Dog Spring, for 176-13 Machine.....
176126	22636	Feeding Disc (front) for 176224.....
*176127	22638	" " " Arm with 1396C, for 176128.....
176128	22638	Feeding Disc (front) Arm 176127 with 176132, 176133 and two 176009, for 176-13 Machine.....
176129	22637	Feeding Disc (front) Arm Bell Crank, for 176-13 Machine.....
176130	22637	Feeding Disc (front) Arm Bell Crank Shaft, for 176-13 Machine.....
176131	22637	Feeding Disc (front) Arm Pressure Spring for 176-13 Machine.....
*176132	22638	Feeding Disc (front) Arm Shaft (lower) for 176128.....
*176133	22638	Feeding Disc (front) Arm Shaft (upper) for 176128.....
176134	22641	Feeding Disc (front) Roller, for 176224.
*176135	-----	Head of Machine with 15404 and two each 15405 and 176009, for 176-13 Machine
176136	22637	Head of Machine Back Cover, for 176-13 Machine.....
176137	22637	Head of Machine Back Cover Clamp, for 176-13 Machine.....
176138	22638	Head of Machine Front Cover, for 176-13 Machine.....
176139	22638	Head of Machine Top Cover with three 176045, for 176-13 Machine.....
176140	22639	Looper, for 176-13 Machine.....
176141	22640	" Clamping Nut, for 176-13 Machine
176142	22639	" Driving Eccentric with 889C, for 176-13 Machine.....
176143	22639	Looper Driving Shaft, for 176-13 Machine
176144	22639	" " " Frame Crank Hinge Bracket (front) for 176-13 Machine..

No.	Plate	Name
176146	22639	Looper Driving Shaft Frame, for 176-13 Machine.....
176146	22639	Looper Driving Shaft Frame Crank, for 176147.....
176147	22639	Looper Driving Shaft Frame Crank 176146 with 176148, for 176-13 Machine.....
176148	22639	Looper Driving Shaft Frame Crank Driving Stud, for 176147.....
176149	22639	Looper Driving Shaft Frame Crank Hinge Bracket (back) for 176-13 Machine...
176150	22635	Feeding Disc (back) Worm Gear with two 445C, for 176-13 Machine.....
176151	22635	Feeding Disc (back) Worm Wheel, for 176122.....
176152	22639	Looper Driving Shaft Frame Crank Hinge Bracket (front) Packing (.020 in. thick) for 176-13 Machine.....
176153	-----	Looper Driving Shaft Frame Crank Hinge Bracket (front) Packing (.006 in. thick) for 176-13 Machine.....
176154	-----	Looper Driving Shaft Frame Crank Hinge Bracket Packing (.020 in. thick) for 176-11 and 176-12 Machines.....
176155	22638	Looper Oscillating Cam with 889C, for 176-13 Machine.....
176156	22640	Looper Oscillating Cam Pin, for 176-13 Machine.....
176157	22640	Looper Oscillating Crank with 164E, for 176-13 Machine.....
176158	22640	Looper Oscillating Crank Ball, for 176-13 Machine.....
176159	22640	Looper Oscillating Crank Ball Stud, for 176-13 Machine.....
176160	22640	Looper Oscillating Crank Pin, for 176-13 Machine.....
176161	22639	Needle Bar 176081 with 176173, for 176162
176162	-----	Needle Bar complete, for 176-13 Machine, Nos. 140082F, 140089F, 140090F, 176161, 176168, 176169, 176171, 176172 and 176174.....
176163	22640	Needle Bar Bushing with 176164, for 176-13 Machine.....
176164	22640	Needle Bar Bushing Steady Pin, for 176163
176165	22636	" " Connection with two 51320E, for 176-13 Machine.....
176166	22636	Needle Bar Eccentric with 889C, for 176-13 Machine.....
176168	22640	Needle Bar Thread Guide, for 176162.....
176169	22640	" " " " Nipper Screw Bushing, for 176162.....

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No.	Plate	Name
176170	22636	Needle Bar Thread Nipper Slide Rod, for 176-13 Machine.....
176171	22640	Needle Bar Thread Nipper Spring, for 176162.....
176172	22640	Needle Clamp, for 176162.....
*176173	-----	" " Body, for 176161.....
176174	22640	" " Steady Pin, for 176162.....
176175	22641	" Guide, for 176224.....
176176	22641	Stitch Indicator, for 176-13 Machine....
176177	22641	" Regulating Screw Stud, for 176178
176178	22641	" " " " 176177 with 176179 and 176180, for 176-13 Machine
176179	22641	Stitch Regulating Screw Stud Block, for 176178.....
176180	22641	Stitch Regulating Screw Stud Block Pin, for 176178.....
176181	22641	Stitch Regulating Screw Stud Nut Washer, for 176-13 Machine.....
176182	22641	Stitch Regulating Screw Stud Slide Block for 176-13 Machine.....
176183	22636	Work Guide, for 176-13 Machine.....
176184	22636	Machine Base with four wood screws 1 in. No. 10 F.H., for 176-13 Machine.....
176185	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Chain (8 links) for 176-13 Machine.....
176186	22636	Feeding Disc (front) Bearing Screw Stud, for 176224.....
176199	22630	Looper Driving Shaft Frame Crank Hinge Bracket Packing (.004 in. thick) for 176-11 and 176-12 Machines.....
176200	-----	Looper Driving Shaft Frame Crank Hinge Bracket Packing (.006 in. thick) for 176-11 and 176-12 Machines.....
176201	22642	Wrench, for 176047, for 176-11 and 176-12 Machines (Accessories).....
176202	22642	Wrench, for 176141, for 176-13 Machine (Accessories).....
176203	-----	Belt, 1/4 in. round, 36 in. long, with 176088, for 176-11 and 176-12 Machines (Accessories).....
176204	22626	Feeding Disc (back) with two 889C, for Ermine and Mink, for 176-11 and 176-12 Machines.....
176205	22626	Feeding Disc (front) for Ermine and Mink for 176222.....
176206	22633	Needle Guide, for Ermine and Mink, for 176222.....

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No.	Plate	Name
176207	22643	Feeding Disc Opening Treadle Pitman Rod (upper) Connecting Lever Chain (7 links) for 176-11 and 176-12 Machines.....
*176208	-----	Head of Machine with 15404 and two each 15405 and 176009, for 176-12 Machine
176209	22632	Looper, for 176-12 Machine.....
176210	22632	" Driving Shaft Frame, for 176235..
176211	22632	" " " " Crank Hinge Bracket (back) for 176-12 Machine...
176212	22631	Looper Oscillating Cam with 889C, for 176229.....
176213	22632	Needle Bar Thread Nipper Slide Rod, for 176-12 Machine.....
176214	22633	Needle Guide, for 176223.....
176216	22631	" Bar 176050 with 176058 and 176075 for 176217.....
176217	-----	Needle Bar complete, for 176-12 Machine, Nos. 140082F, 140083F, 140084F, 176070, 176071, 176073, 176074 and 176218.....
176219	22631	Needle Bar Eccentric with 449C, for 176-12 Machine.....
176221	-----	Feeding Disc (front) 176028 with 50128F, 176037, 176076 and twelve 176038, for Regular Work, for 176-11 Machine.,..
176222	-----	Feeding Disc (front) 176205 with 50128F, 176037, 176206 and twelve 176038, for Ermine and Mink, for 176-11 Machine.
176223	-----	Feeding Disc (front) 176028 with 50128F, 176037, 176214 and twelve 176038, for 176-12 Machine.....
176224	-----	Feeding Disc (front) 176126 with 51285F, 176175, 176186 and fourteen 176134, for 176-13 Machine.....
176225	-----	Feed Connection 176007 with 176008, for 176-11 and 176-12 Machines.....
176226	-----	Feeding Disc (back) Worm Wheel Shaft 176099 with 1650C, 176016 to 176019 and 176021, for 176-11 and 176-12 Machines.....
176227	-----	Feed Lever 176010 with 1650C, 51663J, 176077, 176079, 176082 and 176083, for 176-11 and 176-12 Machines.....
176228	-----	Looper Oscillating Cam 176059 with 176005 and two 160E, for 176230.....
176229	-----	Looper Oscillating Cam 176212 with 176005 and two 160E, for 176231.....
176230	-----	Looper Driving Eccentric 176048 with 176228, for 176-11 Machine.....

NUMERICAL LIST OF PARTS

No.	Plate	Name
176231	-----	Looper Driving Eccentric 176048 with 176229, for 176-12 Machine.....
176232	-----	Looper Driving Shaft Frame Crank 176053 with 51669J and 176055, for 176-11 and 176-12 Machines.....
176233	-----	Looper Driving Shaft Frame 176051 with 176047, 176049, 176061 and 176064, for 176-11 Machine.....
176234	-----	Looper Oscillating Crank Ball 176062 with 176063, for 176-11 and 176-12 Machines.....
176235	-----	Looper Driving Shaft Frame 176210 with 176047, 176049, 176061 and 176064, for 176-12 Machine.....

Genuine Singer Needles should be used
in Singer Machines.
These Needles and their Containers
are marked with the
Company's Trade Mark "SIMANCO." 1

Needles in Containers marked
"For Singer Machines"
are not Singer made needles. 2

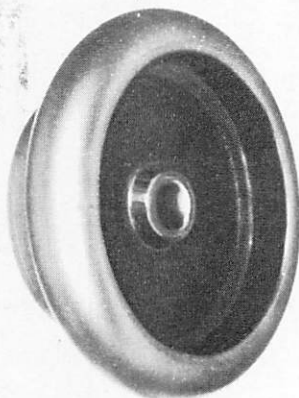
ILLUSTRATIONS
OF
PARTS

PLATE 22626 - ONE-HALF SIZE

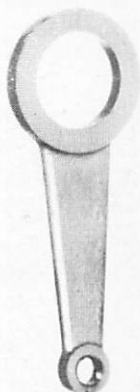
176002



176001



176007



176010



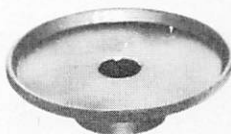
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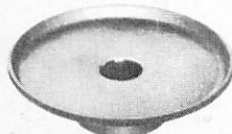
176003



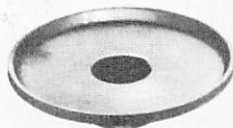
176011



176204



176028



176205

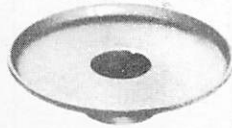


PLATE 22627 - FULL SIZE

176026 176025 176020 176021



889

460

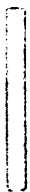


176009

176022

176018

176019

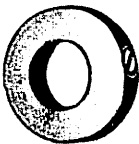


176017

176006

435

577



140079

160

440

998



176027

1650

51669

51661



PLATE 22628 - ONE-HALF SIZE

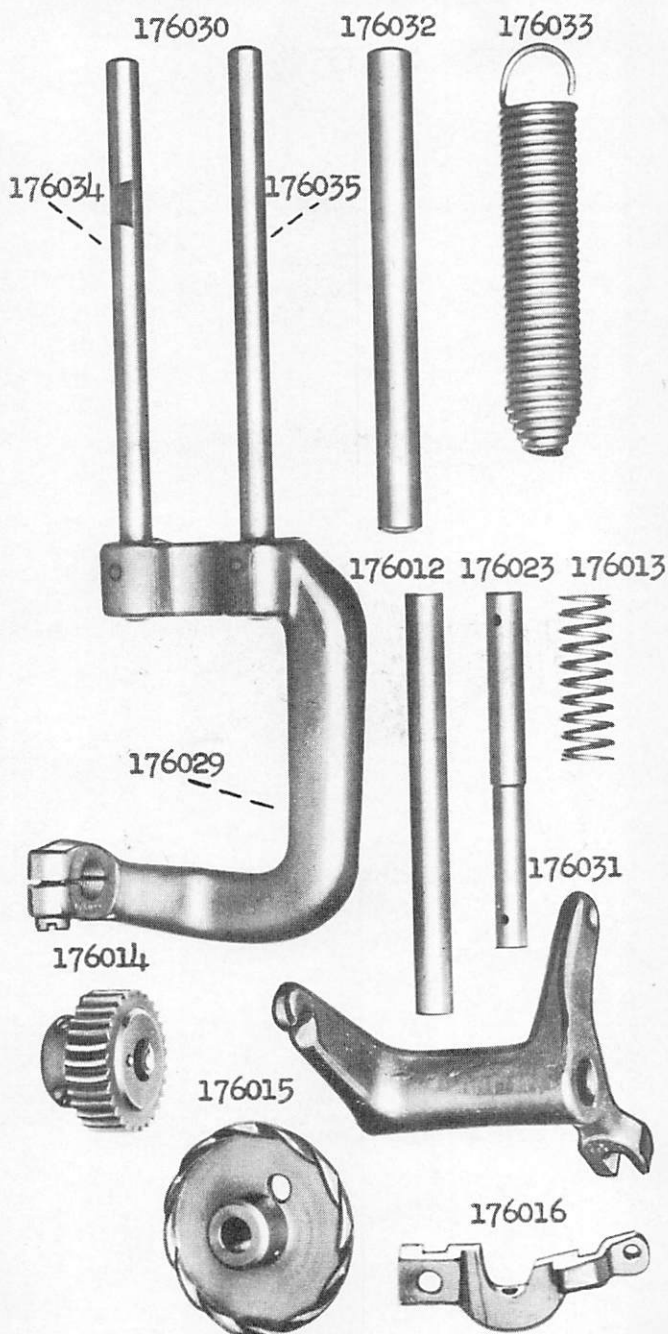
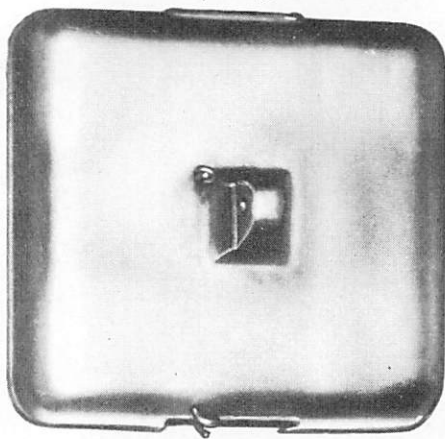
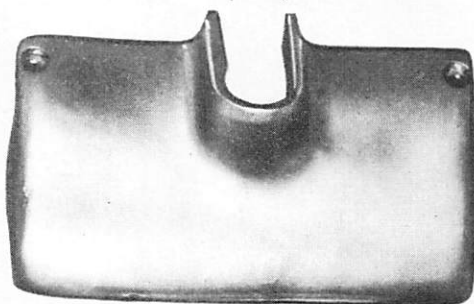


PLATE 22629 - ONE-HALF SIZE

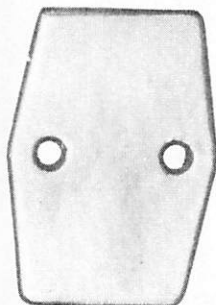
176043



176042



176040

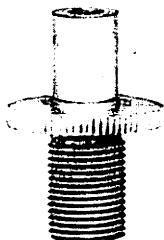


176041

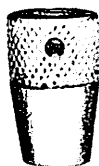


PLATE 22630 - FULL SIZE

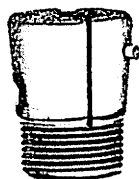
176037



176047



176067



176061



1396



176057



140080



376



176060



50203



176199



140081



1714



176036 176062 176063

176064 176038

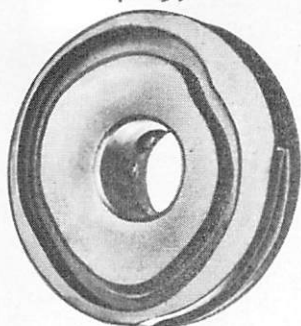


176045



PLATE 2263I - ONE-HALF SIZE

176059



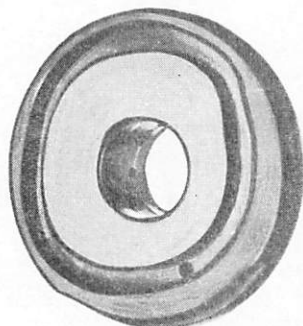
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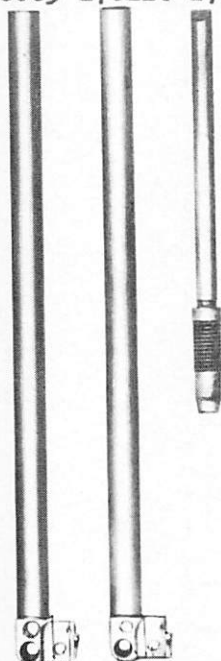
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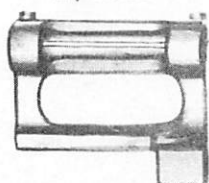
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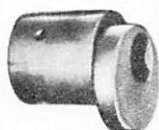
176065 176216 176049



176068



176048



176005

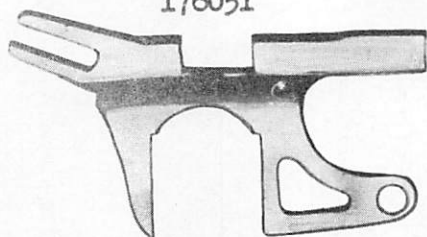


176008

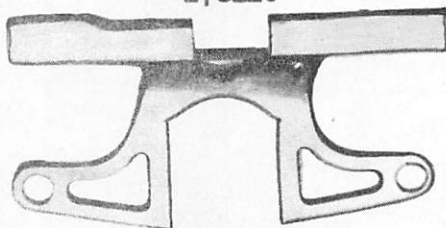


PLATE 22632 - ONE-HALF SIZE

176051



176210



176086



176046



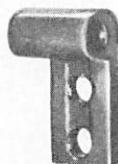
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176055



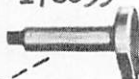
176211



176072 176213



176053



176054

176052

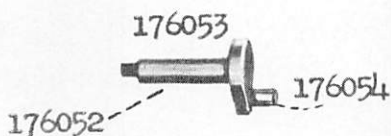


PLATE 22633 - FULL SIZE

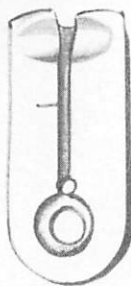
176206



176076



176214



176070



152



140084



449



176101



140083



176071



176074



50128



50421



140082



51662



176082



176073



176075



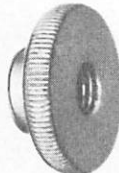
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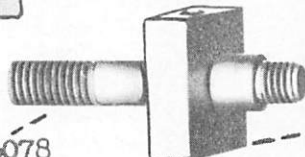
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51663



176079



176078

176080

PLATE 22634 - FULL SIZE

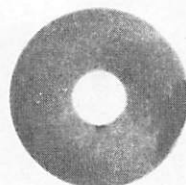
633



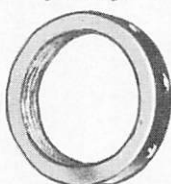
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2102



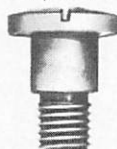
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1560



140086



176110



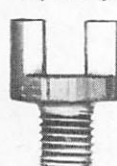
145



159



176119



176116



176107



123183



445



176118



51664



176117



176120



24665



140088



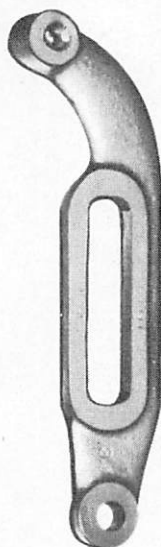
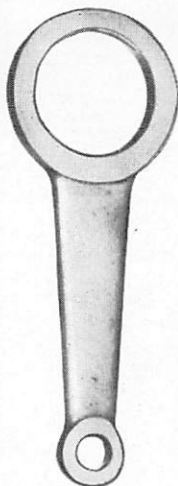
PLATE 22635 - ONE-HALF SIZE

176102

176113

176108

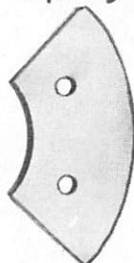
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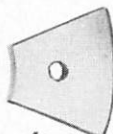
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176105



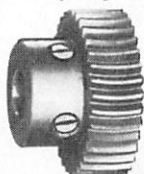
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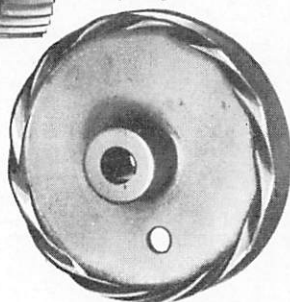
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176150



176151



176104



176103

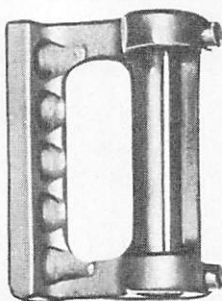


PLATE 22636 - ONE-HALF SIZE

176112



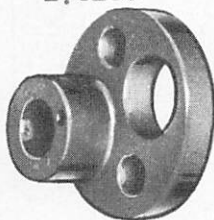
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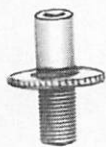
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176166



176186



176170



176183

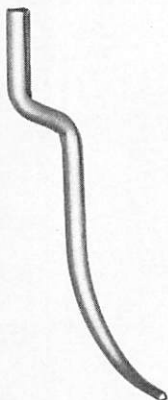


PLATE 22637 - ONE-HALF SIZE

176131



176130



176121



176124



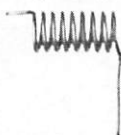
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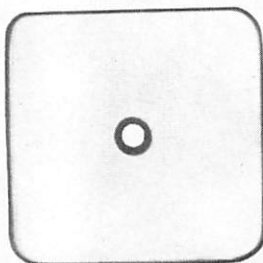
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176125



176136



176115



176129

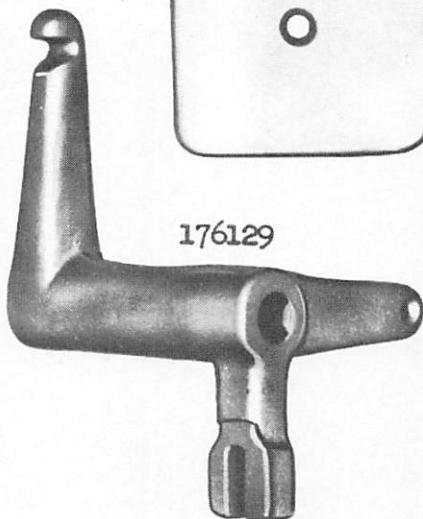
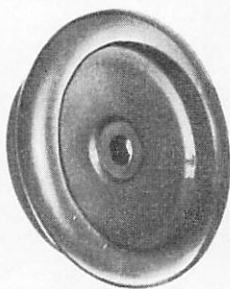
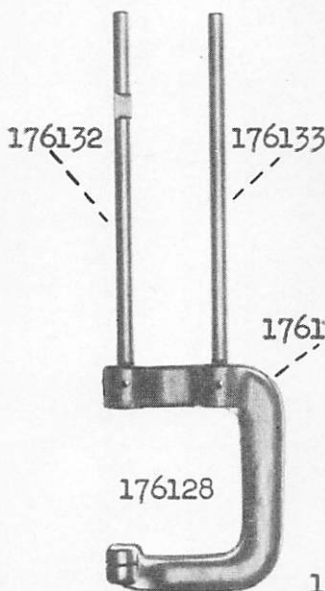
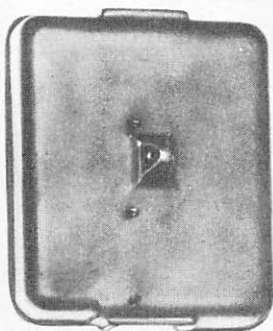


PLATE 22638 - ONE-FOURTH SIZE

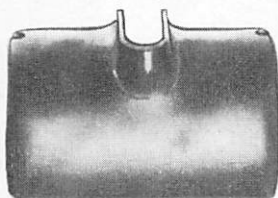
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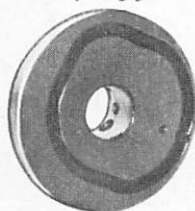
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176138



176155



176184

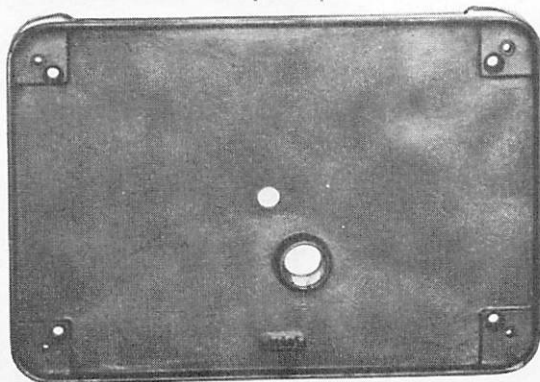
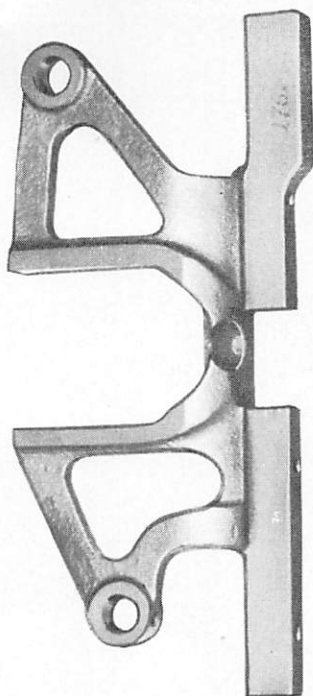


PLATE 22639 - ONE-HALF SIZE

176143



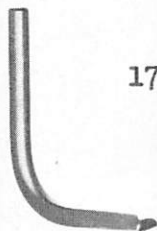
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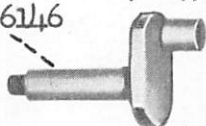


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176146

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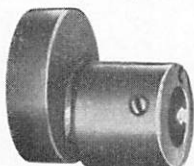


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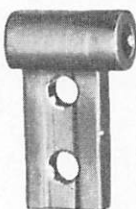
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176149

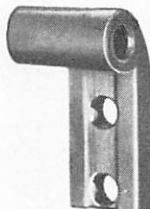
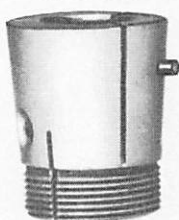


PLATE 22640 - FULL SIZE

176163



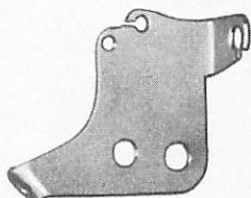
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176172



176168



140089



140090



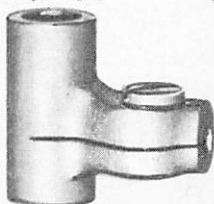
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176157



176174



164



176160



176164



448



PLATE 22641 - FULL SIZE

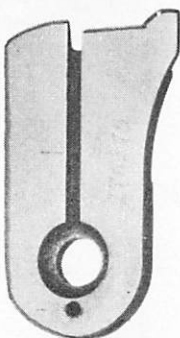
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175217



176175



122



51285



176180



176088



25029



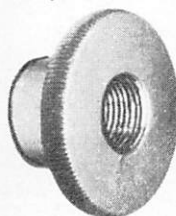
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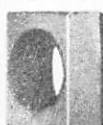
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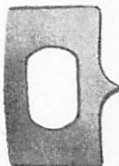
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176182



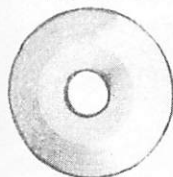
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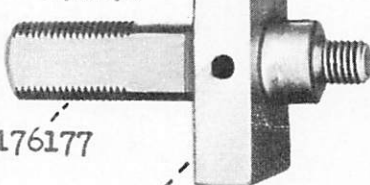
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176181



176178



176177

176179

PLATE 22642 - ONE-HALF SIZE

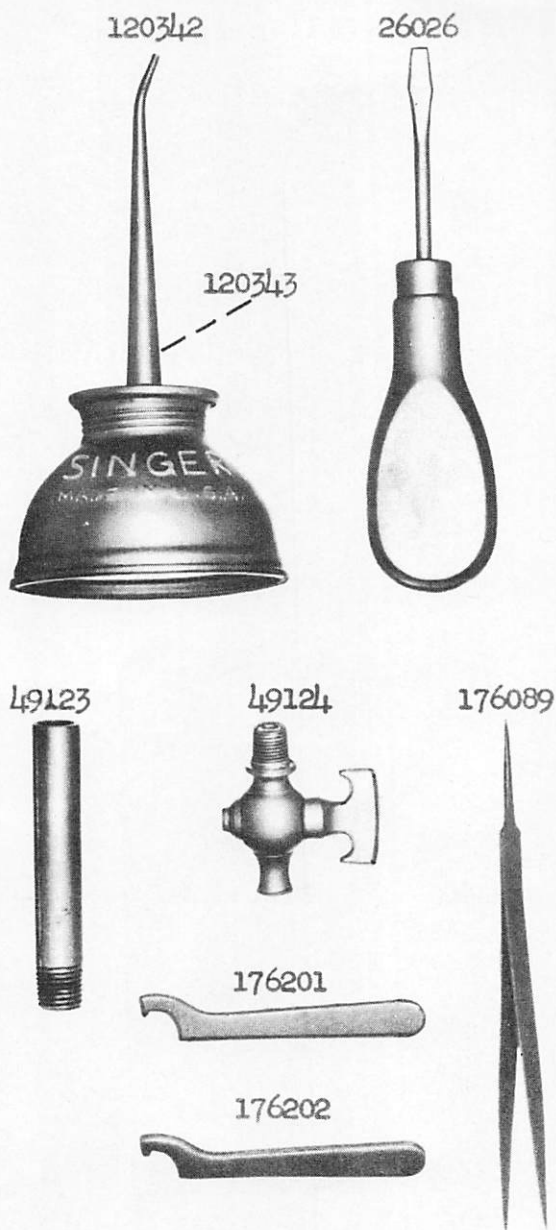


PLATE 22643 - ONE-FOURTH SIZE

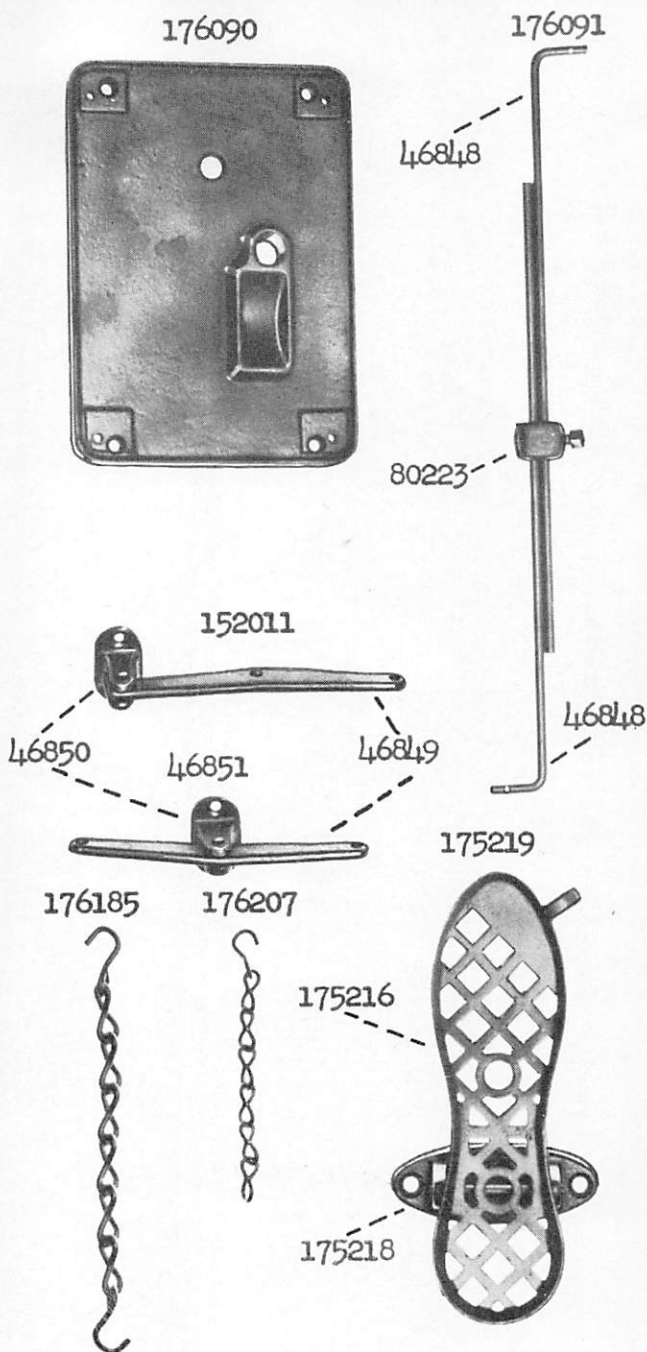
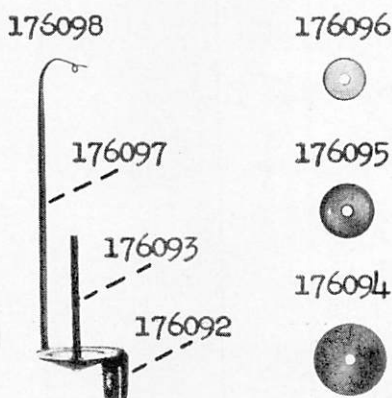
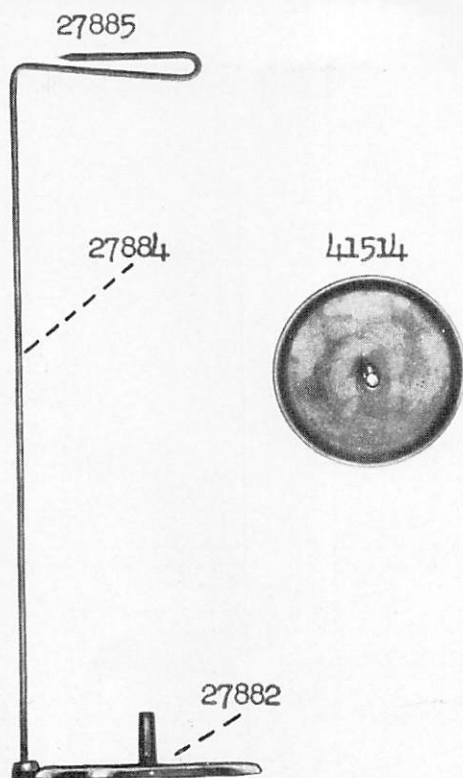


PLATE 22644 - ONE-FOURTH SIZE



**Genuine Singer Needles should be used
in Singer Machines.
These Needles and their Containers
are marked with the
Company's Trade Mark "SIMANCO." 1**

**Needles in Containers marked
"For Singer Machines"
are not Singer made needles. 2**

