

LIST OF PARTS



SINGER^{***}

MACHINE No. 119w2

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, "TYPE B" or "TYPE D" OIL, sold by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 2096w.

"TYPE D" OIL should be used when an oil is desired which will produce a minimum of stain on fabrics, even after a long period of storage.

When the machine is shipped from the factory, the grease pan is packed with GEAR LUBRICANT, sold by Singer Sewing Machine Company. Occasionally this grease pan should be removed, thoroughly cleaned out and filled with GEAR LUBRICANT or "TYPE B" or "TYPE D" OIL.

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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 the number of the Single Part only, except when the part includes Set Screws, Clamping Screws, Studs and Rollers Spun on, Small Wires riveted, or Parts soldered together, etc., which it is necessary to furnish in combination.

Every combination of parts sent out has its specific number which, although not stamped on Parts (except in above case), 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.
- AL—Heat Treated for Toughness.
- ALX—Heat Treated for Toughness and Black Oxide.
- B—Polished, Nickel Plated and Buffed.
- C—Hardened only.
- D—Polished only.
- E—Soft, Not polished.
- F—Hardened and Polished.
- J—Nickel Plated only.
- R—Merlized.
- X—Black Oxide, for Iron and Steel.
- XC—Hardened and Black Oxide, for Iron and Steel.
- Y—Black Nickel Plated only.
- Z—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, 200001 to 201500 and 350001 to 351500 are Screw Numbers.

1501 to 1800, 201501 to 201800 and 351501 to 351800 are Nut Numbers.

1801 to 2000, 201801 to 202000 and 351801 to 352000 are Roller Numbers.

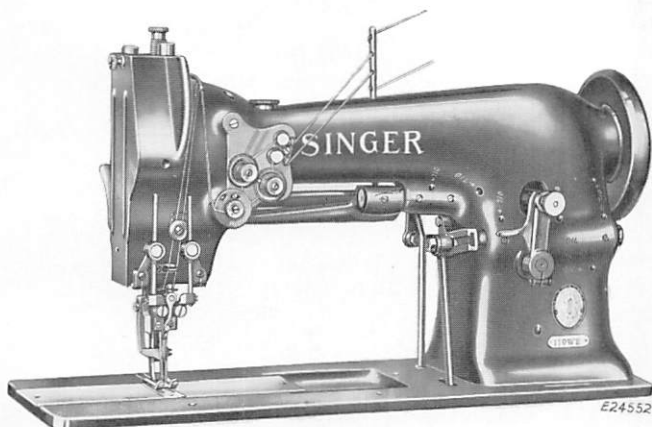
2001 to 50000 and 202001 to 350000 are Numbers of Machine Parts.

The figures in the second column refer only to the plate in which the illustration of the part is shown and are **NOT TO BE USED** in ordering.

Two or more numbers over a cut indicate that the difference between such parts is not visible in an illustration.

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

LIST OF PARTS COMPLETE
FOR



MACHINE No. 119w2

HIGH SPEED HEMSTITCH

FOR ORNAMENTING SHIRT WAISTS, CORNERS OF
HANDKERCHIEFS, ETC., WITH $\frac{1}{16}$ IN. HEMSTITCH
OPENINGS IN STRAIGHT OR CURVED LINES
OR CIRCLES. HAS FORWARD SPEED.

No.	Plate	Name
*247501	-----	Arm with 202135 and four 247579
204235	15097	" Position Pin (2)
200010E	15097	" Screw (3)
202005	15097	" " Washer (3)
247502	15096	" Shaft with 200357E and 224392
237748	15096	" " Bushing (back) with 202260
202260	15096	" " " " Oil Packing (wick)
200071E	15096	" " " " Screw (3)
207080	15096	" " " (front) with 202244
202244	15096	" " " " Oil Packing (wick)
200502X	15096	Arm Shaft Bushing (front) Oil Packing Thumb Screw

No.	Plate	Name
200341C	15096	Arm Shaft Bushing (front) Set Screw
224392	15096	" " Oil Packing (wick)
200357E	15096	" " " " Stop Screw
235505	15094	" Side Cover
350221D	15094	" " " Screw
234739	15098	Auxiliary Piercer
234714	15098	" " Holder with 200117F and 200389C
200117F	15098	Auxiliary Piercer Holder Screw
350285E	15098	" " " Stud
225604	15098	" " " " Washer
200389C	15098	" " Set Screw
*247503	-----	Bed with 203376
247618	15094	" Cover Plate
200132E	15094	" " " Screw (2)
54897	15094	" Oil Cup (2)
247504	15097	" Slide (back)
223811	15097	" " " Stop
223812	15097	" " " " Spring
224044	15097	" " (front)
233939	15093	Bobbin (2)
247669	15093	" Case Base with 202056, 203211 to 203213 and 203216
203211	15093	Bobbin Case Base Latch
*202056	-----	" " " " Pin
203212	15093	" " " " Plunger
203213	15093	" " " " Spring
241676	15093	" " Cap with 200594C, 200984C, 235771, 241674, 241675 and two 350405C
247623	15093	Bobbin Case Lever
*203476	-----	" " " Eccentric
204243	15093	" " " " Position Pin
247625	15093	" " " Fulcrum
200066D	15093	" " " " Screw
203478	15093	" " " " Stud
241674	15093	" " Oiling Felt
241675	15093	" " " " Retainer
350405C	15093	" " " " " Screw
235771	15093	" " Tension Spring
200984C	15093	" " " " Regulating Screw
200594C	15093	Bobbin Case Tension Spring Screw
203216	15093	" " Washer (cloth)
247673	15093	Bobbin Case complete, Nos. 241676 and 247669
237784	15096	Driving Wheel (disc) (belt groove 2-3/8 in. diam.) with 200328C and 200335C
350419X	15096	Driving Wheel Adjusting Screw
200328C	15096	" " Position Screw
200335C	15096	" " Set Screw
247505	15097	Face Plate

No.	Plate	Name
202135	15097	Face Plate Position Pin
200462X	15097	" " Thumb Screw
235697	15095	Feed Bar with 201535E, 204189 and 350219E
200641C	15095	Feed Bar Hinge Screw
201522E	15095	" " " " Nut
202276	15095	" " Slide Block
200205F	15095	" " " " Hinge Screw
201518E	15095	" " " " " " Nut
204443	15095	" " Spring
203060	15095	" " " Hook
204189	15095	" " " Hook
247626	15092	" Dog, for 247624
200106E	15092	" " Screw (2)
350219E	15095	" " Support Screw
201535E	15095	" " " " Nut
247506	15100	" Driving Cam with two 200347C
200347C	15100	" " " Set Screw
247507	15100	" " Connection
235513	15100	" " " Bearing
202298	15095	" " " Crank with 200038C
200038C	15095	Feed Driving Connection Crank Pinch Screw
201306C	15095	Feed Driving Connection Hinge Screw
201518E	15095	" " " " " Nut
247508	15095	Feed Driving Rock Shaft
247509	15095	" " " " 247508 with 200641C, 201522E and 235697
235619	15095	Feed Driving Rock Shaft Center (2)
200043C	15095	" " " " " Set Screw (2)
247586	15100	Feed Driving Segment Lever with 201311C, 201531E and 201871
201871	15100	Feed Driving Segment Lever Roller
201311C	15100	" " " " " Screw Stud
201531E	15100	Feed Driving Segment Lever Roller Screw Stud Nut
247512	15100	Feed Driving Segment Lever Shaft Bushing (left)
247513	15100	Feed Driving Segment Lever Shaft Bushing (right)
200346C	15100	Feed Driving Segment Lever Shaft Bushing Set Screw (2)
247593	15100	Feed Driving Segment Lever Shaft Collar with 200119F
200119F	15100	Feed Driving Segment Lever Shaft Collar Set Screw
247514	15100	Feed Lifting Cam and Gear, 54 teeth
200540D	15100	" " " " " Cap Screw

No.	Plate	Name
222521	15100	Feed Lifting Cam and Gear Cap Screw Washer
247515	15096	Feed Lifting Cam and Gear Driving Pinion, 18 teeth, with two 200388C
200388C	15096	Feed Lifting Cam and Gear Driving Pinion Set Screw
247516	15100	Feed Lifting Cam and Gear Shaft(hollow) with 204110 and two 204111
204110	15100	Feed Lifting Cam and Gear Shaft Oiling Leather
204111	15100	Feed Lifting Cam and Gear Shaft Oiling Leather Pin (leather)
200347C	15100	Feed Lifting Cam and Gear Shaft Set Screw (long)
200363AL	15100	Feed Lifting Cam and Gear Shaft Set Screw (short)
247517	15100	Feed Lifting Connection
202298	15095	" " " Crank with 200038C
200038C	15095	Feed Lifting Connection Crank Pinch Screw
201306C	15095	Feed Lifting Connection Hinge Screw (2)
201518E	15095	" " " " " Nut (2)
247518	15100	Feed Lifting Lever
201871	15100	" " " Roller
201097C	15100	" " " " Screw Stud
201530E	15100	" " " " " " Nut
247519	15095	" " Rock Shaft
235619	15095	" " " " Center (2)
200043C	15095	" " " " " Set Screw (2)
201309E	15100	Feed Regulating Screw Slide
201652E	15100	" " " " Nut
235524	15100	" " " " Washer
*203511	-----	Hook (sewing)
247520	15093	" 203511 with 224100 and two 201253F
247675	15093	Hook and Bobbin Case complete, Nos. 247520 and 247673
236086	15094	Hook Driving Gear with 200383C and 200398C (2)
247522	15094	Hook Driving Gear Guard
200034C	15094	" " " " Screw (2)
200398C	15094	" " " Position Screw
200383C	15094	" " " Set Screw
247523	15094	" " Shaft
235857	15094	" " " Bevel Gear with 200374C and 200396C
*235858	-----	Hook Driving Shaft Bevel Gear Guard Section (back)
*235859	-----	Hook Driving Shaft Bevel Gear Guard Section (front)

No.	Plate	Name
201405E	15094	Hook Driving Shaft Bevel Gear Guard Screw
235860	15094	Hook Driving Shaft Bevel Gear Guard complete, Nos. 201405E, 235858 and 235859
200396C	15094	Hook Driving Shaft Bevel Gear Position Screw
200374C	15094	Hook Driving Shaft Bevel Gear Set Screw
247524	15094	" " " Bushing (back)
247578	15094	" " " " (center or front) (2)
200346C	15094	Hook Driving Shaft Bushing Set Screw (3)
221743	15094	" " " Collar with two 200380C
200380C	15094	Hook Driving Shaft Collar Set Screw
224100	15093	" Gib
201253F	15093	" " Screw
247525	15093	" Saddle (left or right)
200034C	15093	" " Screw (4)
235865	15093	" " " Washer (4)
247672	15093	Hook Saddle (left or right) complete, Nos. 200066D, 200555X, 203478, 235866 236088, 247525, 247527, 247623, 247625 and 247675 (2)
235866	15093	Hook Socket
236088	15093	" " Gear (spiral) (left or right) with two 200383C
200383C	15093	Hook Socket Gear Set Screw
200555X	15093	" " Screw
247527	15093	" Washer with 203476 and three 204243
247663	15097	Knee Lifter Bell Crank
247664	15097	" " " " Bracket
247665	15097	" " " " " 247664 with 5601 and 247663
247667	15097	Knee Lifter Bell Crank Bracket complete, Nos. 247662 and 247665
178F	15097	Knee Lifter Bell Crank Bracket Screw (2)
5601	15097	Knee Lifter Bell Crank Hinge Pin
247662	15097	" " " " Spring
247603	15097	" " Lifting Lever
247604	15097	" " " " Connecting Rod
12416	15097	" " " " " " Joint
201059C	18101	Knee Lifter Lifting Lever Connecting Rod Joint Hinge Screw
201520X	18101	Knee Lifter Lifting Lever Connecting Rod Joint Hinge Screw Nut

No.	Plate	Name
1521E	15097	Knee Lifter Lifting Lever Connecting Rod Lock Nut
200262X	15097	Knee Lifter Lifting Lever Hinge Screw
247531	15098	Needle Bar
247532	15098	" " Bushing (lower)
247533	15098	" " " (upper)
200338C	15098	" " " Set Screw (2)
202552	15098	" " Connecting Link
202333	15098	" " " " Stud with 202254
202254	15098	Needle Bar Connecting Link Stud Oil Packing (wick)
200374C	15098	Needle Bar Connecting Link Stud Set Screw
200383C	15098	Needle Bar Connecting Link Stud Set Screw
247534	15098	Needle Bar Connecting Stud with 200072C and 222598
222598	15098	Needle Bar Connecting Stud Oil Packing (wick)
200072C	15098	Needle Bar Connecting Stud Pinch Screw
201992	15098	Needle Bar Connecting Stud Roller
247535	15098	" " Crank with 200335C, 200374C, 200383C, 200428C and 202333
203172	15098	Needle Bar Crank Friction Washer
200428C	15098	" " " Position Screw
200335C	15098	" " " Set Screw
213256	15098	" " Thread Guide
201537X	15098	" " " " Clamping Nut
213239	15098	" " " " " "
		Washer
200130F	15098	Needle Clamping Screw
247583	15098	" Holder (left) with two 200130F
247584	15098	" " (right) with two 200130F
247539	15098	" " Bracket with 201030F
247585	15098	" " " 247539 with 213239, 213256, 247583, 247584, 350285E, two each 201183F, 350240C, three each 201537X and 225604
201030F	15098	Needle Holder Bracket Screw
201183F	15098	" " Cap Screw
350240C	15098	" " Hinge Stud
201537X	15098	" " " " Nut
225604	15098	" " " " Washer
247541	18101	" Vibrating Bell Crank (left)
247542	18101	" " " " (right)
210932	18101	" " " " Hinge Stud with 248821
248821	18101	Needle Vibrating Bell Crank Hinge Stud Oil Packing (wick)
200347C	18101	Needle Vibrating Bell Crank Hinge Stud Set Screw

No.	Plate	Name
247543	18101	Needle Vibrating Bell Crank Link (2)
247622	15100	" " Cam with two 200382C
200382C	15100	" " " Set Screw
247545	15098	" " Connection Rod (2)
200130F	15098	" " " " Clamp- ing Screw
247577	18101	Needle Vibrating Connection Rod Swivel (2)
247547	18101	Needle Vibrating Crank (left) with 200072C
247546	18101	Needle Vibrating Crank (right) with 200072C
200072C	18101	Needle Vibrating Crank Pinch Screw
247590	18101	" " Lever with 201141C and 201888
247549	18101	Needle Vibrating Lever Pitman (long)
247591	18101	" " " " (short)
247550	18101	" " " " Connec- tion (2)
200064F	18101	Needle Vibrating Lever Pitman Connec- tion Screw (2)
247551	15100	Needle Vibrating Lever Pitman Guard with 200347C and 200363AL
200347C	15100	Needle Vibrating Lever Pitman Guard Adjusting Screw
200363AL	15100	Needle Vibrating Lever Pitman Guard Set Screw
200110D	18101	Needle Vibrating Lever Pitman Set Screw
247552	18101	Needle Vibrating Lever Pitman Swivel with 200110D (4)
201888	18101	Needle Vibrating Lever Roller
201141C	18101	" " " " Screw Stud
206064	18101	" " " Spring
203060	18101	" " " Hook (2)
247553	18101	" " Rock Shaft (left)
247554	18101	" " " " " 247553 with 232343 and 247558
247555	18101	Needle Vibrating Rock Shaft (right)
247557	18101	" " " " " 247555 with 232343, 247556 and 247558
247579	18101	Needle Vibrating Rock Shaft Bushing
247556	18101	" " " " (right) Collar
247558	18101	Needle Vibrating Rock Shaft Crank (left or right)
232343	18101	Needle Vibrating Rock Shaft Crank Posi- tion Pin
213826	15099	Piercer
247559	15099	" Bar
247560	15099	" " 247559 with 221481 and 247561

No.	Plate	Name
247561	15099	Piercer Bar Bushing (lower)
221481	15099	" " " (upper)
200342C	15099	" " " Set Screw (2)
213248	15096	" " Driving Cam with two 200362C
247592	15096	Piercer Bar Driving Cam Connection with 200057X and 200066D
247563	15099	Piercer Bar Driving Cam Connection Crank with 200070C
350274C	15099	Piercer Bar Driving Cam Connection Crank Hinge Screw
201520X	15099	Piercer Bar Driving Cam Connection Crank Hinge Screw Nut
200070C	15099	Piercer Bar Driving Cam Connection Crank Pinch Screw
200057X	15096	Piercer Bar Driving Cam Connection Pinch Screw
200066D	15096	Piercer Bar Driving Cam Connection Pinch Screw
213740	15096	Piercer Bar Driving Cam Retaining Washer
200128E	15096	Piercer Bar Driving Cam Retaining Washer Screw
200362C	15096	Piercer Bar Driving Cam Set Screw
247609	15099	" " Lifting Bracket with two 201052C
201052C	15099	Piercer Bar Lifting Bracket Set Screw
247610	15099	" " " Rock Shaft
247616	15099	" " " " " 247610 with 201528X and 247612
247615	15099	Piercer Bar Lifting Rock Shaft 247616 with 247609
215720	15099	Piercer Bar Lifting Rock Shaft Bushing (2)
200043C	15099	Piercer Bar Lifting Rock Shaft Bushing Set Screw (2)
201524E	15099	Piercer Bar Lifting Rock Shaft Bushing Set Screw Nut (2)
204197	15099	Piercer Bar Lifting Rock Shaft Collar with 200113F
200113F	15099	Piercer Bar Lifting Rock Shaft Collar Set Screw
247611	15099	Piercer Bar Lifting Rock Shaft Slide Block
247612	15099	Piercer Bar Lifting Rock Shaft Slide Block 247611 with 350284C
350284C	15099	Piercer Bar Lifting Rock Shaft Slide Block Screw Stud
201528X	15099	Piercer Bar Lifting Rock Shaft Slide Block Screw Stud Nut
213253	15099	Piercer Holder with 200117F
200076D	15099	" " Screw

No.	Plate	Name
200117F	15099	Piercer Set Screw
213791	15099	Presser Bar (hollow)
224391	15099	" " Bushing
200398C	15099	" " " Set Screw
247564	15099	" " Lifter
247602	15099	" " Lifting Lever with 350277C
350277C	15099	" " " " Set Screw
244004	15099	" " " Releasing Lever
		Bracket
200260D	15099	Presser Bar Lifting Releasing Lever
		Bracket Guide Screw
206608	15099	Presser Bar Lifting Releasing Lever
		Bracket Spring
233634	15099	Presser Bar Position Guide
202338	15099	" " " " Lever with
		200086F
200086F	15099	Presser Bar Position Guide Lever Pinch
		Screw
200352C	15099	Presser Bar Position Guide Set Screw
247567	15099	" " Sleeve
247580	15099	" " Spring
234044	15099	" " " Stop Rod
200492X	15099	" " Thumb Screw (pressure
		regulating)
200475X	15099	Presser Bar Thumb Screw Thumb Set
		Screw
244084	15099	Presser Bar Thumb Screw Thumb Set
		Screw Packing (fibre)
200436F	15092	Presser Foot Adjusting Screw
200086F	15092	" " " " Clamp Screw
221479	15092	" " Hinge Pin
229685	15092	" " " Stud
200397X	15092	" " " " Set Screw
229706	15092	" " Plate (left)
229707	15092	" " " (right)
206653	15092	" " Shank (left) with 200086F,
		200397X and 200436F
229775	15092	Presser Foot Shank 206653 with 221479
		and 229706
229796	15092	Presser Foot Shank (right) with 200086F
229776	15092	" " " 229796 with 221479
		and 229707
200086F	15092	Presser Foot Shank (right) Set Screw
247582	15099	" " Spring
203759	15099	" " " Collar with 200380C
200380C	15099	" " " " Set Screw
229711	15092	Presser Foot (hinged) (narrow) com-
		plete, Nos. 229685, 229775 and 229776
247651	15100	Presser Foot Vibrating Cam
247652	15100	" " " Lever with 350257X
247653	15100	" " " " 247652 with
		200393C, 201314C, 201716F, 201987
		and 247654 to 247656

No.	Plate	Name
247654	15100	Presser Foot Vibrating Lever Disen- gaging Lever
201314C	15100	Presser Foot Vibrating Lever Disen- gaging Lever Hinge Screw
247655	15100	Presser Foot Vibrating Lever Disen- gaging Lever Spring
350257X	15100	Presser Foot Vibrating Lever Pinch Screw
201858	15100	Presser Foot Vibrating Lever Roller
201987	15100	" " " " "
		201858 with 350241C
350241C	15100	Presser Foot Vibrating Lever Roller Screw Stud
200393C	15100	Presser Foot Vibrating Lever Roller Screw Stud Locking Screw
247656	15100	Presser Foot Vibrating Lever Roller Screw Stud Spring
201716F	15100	Presser Foot Vibrating Lever Roller Screw Stud Thumb Nut
247657	18101	Presser Foot Vibrating Shaft
247666	18101	" " " " 247657 with 2049 and 247659
247569	18101	Presser Foot Vibrating Shaft Bushing (back)
235601	18101	Presser Foot Vibrating Shaft Bushing (front)
247593	18101	Presser Foot Vibrating Shaft Collar with 200119F
200119F	18101	Presser Foot Vibrating Shaft Collar Set Screw
247659	18101	Presser Foot Vibrating Shaft Crank
247660	18101	" " " " " Link
200262X	18101	" " " " " "
		Hinge Screw
201522E	18101	Presser Foot Vibrating Shaft Crank Link Hinge Screw Nut
2049	18101	Presser Foot Vibrating Shaft Crank Position Pin
247570	15098	Take-up Lever
202399	15098	" " Driving Stud with 202277
202277	15098	" " " " Oil Packing (wick)
202400	15098	Take-up Lever Hinge Stud with 202423
202423	15098	" " " " Oil Packing (wick)
200352C	15098	Take-up Lever Hinge Stud Set Screw
202401	15098	" " Oiling Felt
200132E	15098	" " " " Screw
234086	18102	Tension Bracket with two each 200397X, 201224B and 236060

No.	Plate	Name
234087	18102	Tension Bracket complete, Nos. 200174X 200978X, 201199F, 223703, 223706, 234086, 236098, 237174, two each 13710 200309E, 204059, 204271, 223704, three 201572X and four 244048
200159F	18102	Tension Bracket Screw
234047	18102	" " " Socket
200355X	18102	" " " " Set Screw
236098	18102	" " Thread Guide (double)
200174X	18102	" " " " Screw
244048	18102	" Disc
236060	18102	" " Position Pin
223703	18102	" Release Lever
247571	15099	" " " Rod
247572	15099	" " " " Extension
200309E	18102	" " " Screw
223704	18102	" " Plunger
204271	18102	" " Washer
13710	18102	" Spring
201224B	18102	" Stud
201572X	18102	" Thumb Nut
247606	18102	Thread Check Bracket
247607	18102	" " Cap
9543	18102	" " Disc
200154F	18102	" " Screw
247619	18102	" " Spring
247608	18102	Thread Check complete, Nos. 200154F, 247606, 247607, 247619 and two 9543
223706	18102	Thread Controller Disc
200978X	18102	" " " Screw
237174	18102	" " Spring
241360	18102	" " " Stop
200132E	18102	" " " " Screw
201199F	18102	" " Stud with 204925
200061C	18102	" " " Set Screw
201572X	18102	" " " Thumb Nut
204925	18102	" " " Washer
224028	15096	" Guide
210954	18102	" Guide
200582X	18102	" " Screw
202091	18102	" Retainer Sleeve
202092	18102	" " Spring
204058	18102	" " Stud
200397X	18102	" " " Set Screw
204059	18102	Thread Retainer complete, Nos. 202091, 202092 and 204058
247624	15092	Throat Plate with 247621 and two 200587D, for 247626
200161D	15092	Throat Plate Clamping Screw
247621	15092	" " Needle Guard
200587D	15092	" " " " Screw
203376	15092	" " Position Pin

No.	Plate	Name
200577AL	15092	Throat Plate Screw
236051	15094	Vertical Shaft
235857	15094	" " Bevel Gear (lower) with 200374C and 200396C
236053	15094	Vertical Shaft Bevel Gear (upper) with 200374C and 200396C
200396C	15094	Vertical Shaft Bevel Gear Position Screw
200374C	15094	" " " " Set Screw
236054	15094	" " Bushing (lower)
247575	15094	" " " " Oil Tube (brass)
247573	15094	Vertical Shaft Bushing (upper)
247574	15094	" " " " Oil Tube (brass)
200346C	15094	Vertical Shaft Bushing Set Screw (2)
247576	15096	" " Driving Bevel Gear with 200378C and 200396C
200396C	15096	Vertical Shaft Driving Bevel Gear Position Screw
200378C	15096	Vertical Shaft Driving Bevel Gear Set Screw

ACCESSORIES

No.	Plate	Name
234739	15098	Auxiliary Piercer
12361	15091	Bed Hinge Connection (2)
233939	15093	Bobbin (4)
228235	15090	Drip Pan with four 3/4 in. wire nails
41400	15091	Machine Rest Pin (wood)
130x19	-----	Needles, twelve, size 14
225486	15091	Needle Holder Stud Nut Wrench
120342	15091	Oiler (copper plated) with 120343
120343	15091	" Spout (3-1/2 in. long)
213825	15091	Piercer
213826	15099	Piercer
225498	15091	Screw Driver (7-1/4 in. long)
228476	15091	" " (Bobbin Case)
234702	15091	Tweezers
10875	15091	Wrench
225554	15091	" (steel)

BOBBIN WINDER

(SWINGING AUTOMATIC, RIGHT HAND)

FOR 5/16 INCH ROUND BELT DRIVE

259428	16615	Brake (leather)
259429	16615	" Clamp
200113F	16615	" " Screw
225453	16615	Frame with 202277 and 259660
225454	16615	" Hinge Pin
202277	16615	" Oil Packing (wick)
259660	16615	" " Well Washer
225455	16615	" Spring
225456	16615	" " Plunger
225368	16615	Pulley with 200380C
200380C	16615	" Set Screw
225381	16615	Spindle
225444	16615	Stop Latch
200056E	16615	" " Screw
225458	16615	" " Thumb Lever
225459	16615	" " " " Hinge Stud
225459	16615	" " " " Joint Stud
202478	16615	" " Trip Lever
200299X	16615	" " " " Hinge Screw
225461	16615	Tension Bracket with 201499X
200082D	16615	" " Screw

ACCESSORIES

No.	Plate	Name
228026	16615	Tension Bracket Screw Washer
2102	16615	" Disc
13710	16615	" Spring
201499X	16615	" Stud
201572X	16615	" " Thumb Nut
225462	16615	Bobbin Winder Tension Bracket complete, Nos. 13710, 201572X, 225461 and two 2102
259430	16615	Bobbin Winder and Tension Bracket Base
259431	16615	Universal Bobbin Winder complete, Nos. 200056E, 200082D, 200113F, 200299X, 202478, 225368, 225381, 225444, 225453 to 225456, 225458, 225462, 228026, 259428 to 259430, two each 225459 and wood screws 3/4 in., No. 12, R. H. B.
Note: Bobbin Winder 259431 is furnished with this Machine unless Bobbin Winder 259462 is specified on order.		

KNEE LIFTER

2763	15090	Rock Shaft
237561	15090	" " Hanger with two wood screws 1 in., No. 10
2765	15090	Rock Shaft Knee Arm with 1509E
2768	15090	" " " " 2765 with 2766 and 2767
2766	15090	Rock Shaft Knee Arm Hub with 356C
356C	15090	" " " " " Set Screw
1509E	15090	" " " " Lock Nut
2767	15090	" " " Plate with 356C
356C	15090	" " " " Set Screw
6337	15090	" " Lifting Bracket with two 356C
2778	15090	" " " " Hook
356C	15090	" " " " " Set Screw
356C	15090	" " " " Set Screw
2770	15090	" " Stop Dog with 140219C
140219C	15090	" " " " Set Screw
228277	15090	Knee Lifter Rock Shaft complete, Nos. 2763, 2768, 2778, 6337, two each 2770 and 237561

(Other Knee Lifter parts are listed with parts of Machine Head)

THREAD UNWINDER

FOR THREE SPOOLS

No.	Plate	Name
228692	16257	Spool Pin
201528X	16257	" " Nut
228693	16257	" " Washer
225259	16257	" Rest (for one spool) (flat) with 201018C, 201528X, 228692 and 228693
225257	16257	Spool Rest (for two spools) (flat) with 201018C, two each 201528X, 228692 and 228693
150203	16257	Spool Rest Cushion (felt)
225388	16257	" " Rod
200383C	16257	" " " Set Screw
201018C	16257	" " Set Screw
259658	16257	" Stand with 200383C
225391	16257	Thread Guide
201696X	16257	" " Lock Nut
225326	16257	" " Position Cup
225324	16257	" " Rod with 208AL and 225322
208AL	16257	" " " Screw
225322	16257	" " " Washer
259143	16257	Thread Unwinder (for three spools) complete, Nos. 201696X, 225257, 225259, 225324, 225326, 225388, 259658, three each 150203, 225391 and wood screws 7/8 in., No. 12

DRIVING WHEELS

237784	15096	Driving Wheel (disc) (belt groove 2-3/8 in. diam.) with 200328C and 200335C
247587	18103	Driving Wheel, 5 in. diam., with 200328C and 200335C
200013X	18103	Driving Wheel Adjusting Screw (used with 247588 Driving Wheel)
200328C	15096	Driving Wheel Position Screw
204170	18103	" " Pulley (loose) 2-3/4 in. diameter
204341	18103	Driving Wheel Pulley Spring Washer
200335C	15096	" " Set Screw
201569B	18103	" " Thumb Nut with 200609F
200609F	18103	" " " " Stop Screw

DRIVING WHEELS

No.	Plate	Name
202016	18103	Driving Wheel Thumb Nut Stop Washer
247588	18103	Driving Wheel (belt groove 2-3/4 in. diam.) complete, Nos. 201569B, 202016, 204170, 204341 and 247587
247589	18103	Driving Wheel (heavy) 5-1/4 in. diam. (belt groove 2-3/4 in. diam.) with 200328C and 200335C

EDGE FOLDER

230185	15089	Edge Folder on Shank for 1/4 in. fold (furnish sample material)
200157B	15089	Edge Folder Screw

HEMMERS

230192	15089	Hemmer on Shank, folds 1/8, 1/4, 3/8 and 1/2 in. hems
200157B	15089	Hemmer Screw

HEMMER

(RIGHT HAND)

Folds 5/16 in. Hem

230940	13443	Base Plate with 225706
225706	13443	" " Position Pin
350472X	13443	" " Screw
201525E	13443	" " " Nut
225708	13443	" " Spring
230713	13443	Folder on Shank
200187X	13443	" " " Screw
230484	13443	" " " " Washer
230714	13443	Tongue with two 200133B
200133B	13443	" Screw
230711	13443	Hemmer complete, Nos. 201525E, 225708, 230484, 230713, 230714, 230940, 350472X and two 200187X

HEMMER

(RIGHT HAND)

Folds $3/8$ in. Hem

No.	Plate	Name
230940	13444	Base Plate with 225706
225706	13444	" " Position Pin
350472X	13444	" " Screw
201525E	13444	" " " Nut
225708	13444	" " Spring
230715	13444	Folder on Shank
200187X	13444	" " " Screw
230484	13444	" " " " Washer
230716	13444	Tongue with two 200103D
200103D	13444	" Screw
230712	13444	Hemmer complete, Nos. 201525E, 225708 230484, 230715, 230716, 230940, 350472X and two 200187X

HEMMER

(RIGHT HAND) (SMALL OPENING)

Folds $5/32$, $3/16$ and $1/4$ in. Hems

(Note: State width of hem required)

230940	13443	Base Plate with 225706
225706	13443	" " Position Pin
350472X	13443	" " Screw
201525E	13443	" " " Nut
225708	13443	" " Spring
230532	13443	Folder on Shank
200187X	13443	" " " Screw
230484	13443	" " " " Washer
230533	13443	Tongue with two 200133B
200133B	13443	" Screw
230535	13443	Hemmer complete, Nos. 201525E, 225708 230484, 230532, 230533, 230940, 350472X and two 200187X

HEMMER

(RIGHT HAND)

Folds 1/2, 9/16 and 3/4 in. Hems

(Note: State width of hem required)

No.	Plate	Name
230940	13445	Base Plate with 225706
225706	13445	" " Position Pin
350472X	13445	" " Screw
201525E	13445	" " " Nut
225708	13445	" " Spring
230540	13445	Folder on Shank
200187X	13445	" " " Screw
230484	13445	" " " " Washer
230539	13445	Tongue with two 200103D
200103D	13445	" Screw
230542	13445	Hemmer complete, Nos. 201525E, 225708 230484, 230539, 230540, 230940, 350472X and two 200187X

HEMMER (REVERSE)

(RIGHT HAND)

Folds 1/2 in. Hem

230756	13444	Base Plate with 225706
225706	13444	" " Position Pin
350472X	13444	" " Screw
201525E	13444	" " " Nut
225708	13444	" " Spring
230537	13444	Folder on Shank
200187X	13444	" " " Screw
230484	13444	" " " " Washer
230536	13444	Tongue with two 200103D
200103D	13444	" Screw
230538	13444	Hemmer (reverse) complete, Nos. 201525E, 225708, 230484, 230536, 230537, 230756, 350472X and two 200187X

HEMMER (ADJUSTABLE)

(RIGHT HAND)

Folds Hems from 1/2 to 2-1/4 inches

No.	Plate	Name
230940	13445	Base Plate with 225706
225706	13445	" " Position Pin
350472X	13445	" " Screw
201525E	13445	" " " Nut
225708	13445	" " Spring
230519	13445	Bracket (lower) with two 200078B
200158X	13445	" " Screw
230484	13445	" " Washer
230521	13445	" (upper) with 200462X and two 200160B
200078B	13445	Bracket (upper) Screw
230518	13445	Folder Arm and Guard (left)
200160B	13445	" " " " Screw
230520	13445	" and Arm (right)
200462X	13445	" " " " Adjustable Thumb Screw
226163	13445	Folder and Arm (right) Adjustable Thumb Screw Washer
230523	13445	Tongue (left) with two 200164X
200164X	13445	" " Screw
230522	13445	" (right) with two 200164X
200164X	13445	" " Screw
230525	13445	Hemmer (adjustable) complete, Nos. 201525E, 225708, 226163, 230484, 230518 to 230523, 230940, 350472X and two 200158X

HEMMER (REVERSE) (ADJUSTABLE)

(RIGHT HAND)

Folds Hems from 1/2 to 2-1/2 inches

230529	13446	Base Plate with 225706
225706	13446	" " Position Pin
350472X	13446	" " Screw
201525E	13446	" " " Nut
225708	13446	" " Spring
230528	13446	Folder Arm and Guard (left) with two 200155F
200187X	13446	Folder Arm and Guard (left) Screw
230484	13446	" " " " " " Washer

HEMMERS

No.	Plate	Name
230526	13446	Folder and Arm (right) with two 200155F
200469X	13446	" " " " Adjustable Thumb Screw
226163	13446	Folder and Arm (right) Adjustable Thumb Screw Washer
230530	13446	Tongue (left)
230527	13446	" (right)
200155F	13446	" Screw
230531	13446	Hemmer (reverse) (adjustable) complete Nos. 200469X, 201525E, 225708, 226163 230484, 230526 to 230530, 350472X and two 200187X

HEMMER (ADJUSTABLE)

(LEFT HAND)

Folds Hems from 1/2 to 2-1/4 inches

231371	13637	Base Plate with 225706
225706	13637	" " Position Pin
350472X	13637	" " Screw
201525E	13637	" " " Nut
225708	13637	" " Spring
230515	13637	Bracket (lower) with two 200078B
200158X	13637	" " Screw
230484	13637	" " Washer
230514	13637	" (upper) with 200462X and two 200160B
200078B	13637	Bracket (upper) Screw
230510	13637	Folder Arm and Guard (right)
200160B	13637	" " " " Screw
230511	13637	" and Arm (left)
200462X	13637	" " " " Adjustable Thumb Screw
226163	13637	Folder and Arm (left) Adjustable Thumb Screw Washer
230512	13637	Tongue (left) with two 200164X
200164X	13637	" " Screw
230513	13637	" (right) with two 200164X
200164X	13637	" " Screw
230517	13637	Hemmer (adjustable)(left hand) complete, Nos. 201525E, 225708, 226163, 230484, 230510 to 230515, 231371, 350472X and two 200158X

PRESSER FEET

No.	Plate	Name
200436F	15092	Presser Foot Adjusting Screw
200086F	15092	" " " " Clamp
		Screw
221479	15092	Presser Foot Hinge Pin
229685	15092	" " " Stud
200397X	15092	" " " " Set Screw
229706	15092	" " Plate (left)
229707	15092	" " " (right)
229835	15092	" " " (right)
206653	15092	" " Shank (left) with 200086F, 200397X and 200436F
229775	15092	Presser Foot Shank 206653 with 221479 and 229706
229672	15092	Presser Foot Shank (left) with 200086F, 200397X and 200436F
229772	15092	Presser Foot Shank 229672 with 221479 and 229706
229796	15092	Presser Foot Shank (right) with 200086F
229776	15092	" " " 229796 with 221479 and 229707
229836	15092	Presser Foot Shank 229796 with 221479 and 229835
200086F	15092	Presser Foot Shank (right) Set Screw
229711	15092	Presser Foot (hinged) (narrow) com- plete, Nos. 229685, 229775 and 229776
229837	15092	Presser Foot (hinged) complete, Nos. 229685, 229772 and 229836

MISCELLANEOUS PARTS

USED IN CONJUNCTION WITH THREAD UNWINDER

60913	16257	Spool Weight with 60914
60914	16257	" " Center Pin
225377	16257	" Wire (for small spools)
27739	16257	Thread Cone (wood)
225390	16257	" " Holder

NUMERICAL LIST OF PARTS

No.	Plate	Name
178F	15097	Knee Lifter Bell Crank Bracket Screw
208AL	16257	Thread Unwinder Thread Guide Rod Screw, for 225324
356C	15090	Knee Lifter Rock Shaft Knee Arm Hub Set Screw, for 2766
356C	15090	Knee Lifter Rock Shaft Knee Plate Set Screw, for 2767
356C	15090	Knee Lifter Rock Shaft Lifting Bracket Hook Set Screw, for 6337
356C	15090	Knee Lifter Rock Shaft Lifting Bracket Set Screw, for 6337
1509E	15090	Knee Lifter Rock Shaft Knee Arm Lock Nut, for 2765
1521E	15097	Knee Lifter Lifting Lever Connecting Rod Lock Nut
2049	18101	Presser Foot Vibrating Shaft Crank Position Pin, for 247666
2102	16615	Bobbin Winder Tension Disc, for 225462
2763	15090	Knee Lifter Rock Shaft, for 228277 Nos. 2765 to 2767, for 2768
2765	15090	Knee Lifter Rock Shaft Knee Arm with 1509E
2766	15090	Knee Lifter Rock Shaft Knee Arm Hub with 356C
2767	15090	Knee Lifter Rock Shaft Knee Plate with 356C
2768	15090	Knee Lifter Rock Shaft Knee Arm 2765 with 2766 and 2767, for 228277
2770	15090	Knee Lifter Rock Shaft Stop Dog with 140219C, for 228277
2778	15090	Knee Lifter Rock Shaft Lifting Bracket Hook, for 228277
5601	15097	Knee Lifter Bell Crank Hinge Pin, for 247665
6337	15090	Knee Lifter Rock Shaft Lifting Bracket with two 356C, for 228277
9543	18102	Thread Check Disc, for 247608
10875	15091	Wrench
12361	15091	Bed Hinge Connection
12416	15097	Knee Lifter Lifting Lever Connecting Rod Joint
13710	16615	Bobbin Winder Tension Spring, for 225462
13710	18102	Tension Spring, for 234087

NUMERICAL LIST OF PARTS

No.	Plate	Name
27739	16257	Thread Unwinder Thread Cone (wood)
41400	15091	Machine Rest Pin (wood)
54897	15094	Bed Oil Cup
60913	16257	Thread Unwinder Spool Weight with 60914
60914	16257	Thread Unwinder Spool Weight Center Pin, for 60913
120342	15091	Oiler (copper plated) with 120343
120343	15091	" Spout, 3-1/2 in. long, for 120342
140219C	15090	Knee Lifter Rock Shaft Stop Dog Set Screw, for 2770
150203	16257	Thread Unwinder Spool Rest Cushion (felt) for 259143
200010E	15097	Arm Screw
200013X	18103	Driving Wheel Adjusting Screw (used with 247588 Driving Wheel)
200034C	15094	Hook Driving Gear Guard Screw
200034C	15093	" Saddle Screw
200038C	15095	Feed Driving Connection Crank Pinch Screw, for 202298
200038C	15095	Feed Lifting Connection Crank Pinch Screw, for 202298
200043C	15095	Feed Driving Rock Shaft Center Set Screw
200043C	15095	Feed Lifting Rock Shaft Center Set Screw
200043C	15099	Piercer Bar Lifting Rock Shaft Bushing Set Screw
200056E	16615	Bobbin Winder Stop Latch Screw, for 259431
200057X	15096	Piercer Bar Driving Cam Connection Pinch Screw, for 247592
200061C	18102	Thread Controller Stud Set Screw
200064F	18101	Needle Vibrating Lever Pitman Con- nection Screw
200066D	15093	Bobbin Case Lever Fulcrum Screw, for 247672
200066D	15096	Piercer Bar Driving Cam Connection Pinch Screw, for 247592
200070C	15099	Piercer Bar Driving Cam Connection Crank Pinch Screw, for 247563
200071E	15096	Arm Shaft Bushing (back) Screw
200072C	15098	Needle Bar Connecting Stud Pinch Screw for 247534
200072C	18101	Needle Vibrating Crank Pinch Screw, for 247546 and 247547
200076D	15099	Piercer Holder Screw
200078B	13445	Hemmer Bracket (upper) Screw, for 230515 and 230519
200082D	16615	Bobbin Winder Tension Bracket Screw, for 259431
200086F	15099	Presser Bar Position Guide Lever Pinch Screw, for 202338

No.	Plate	Name
200086F	15092	Presser Foot Adjusting Screw Clamp Screw, for 206653 and 229672
200086F	15092	Presser Foot Shank (right) Set Screw, for 229796
200103D	13444	Hemmer Tongue Screw, for 230536, 230539 and 230716
200106E	15092	Feed Dog Screw
200110D	18101	Needle Vibrating Lever Pitman Set Screw, for 247552
200113F	16615	Bobbin Winder Brake Clamp Screw, for 259431
200113F	15099	Piercer Bar Lifting Rock Shaft Collar Set Screw, for 204197
200117F	15098	Auxiliary Piercer Holder Screw, for 234714
200117F	15099	Piercer Set Screw, for 213253
200119F	15100	Feed Driving Segment Lever Shaft Collar Set Screw, for 247593
200119F	18101	Presser Foot Vibrating Shaft Collar Set Screw, for 247593
200128E	15096	Piercer Bar Driving Cam Retaining Washer Screw
200130F	15098	Needle Clamping Screw, for 247583 and 247584
200130F	15098	Needle Vibrating Connection Rod Clamping Screw, for 247583 and 247584
200132E	15094	Bed Cover Plate Screw
200132E	15098	Take-up Lever Oiling Felt Screw
200132E	18102	Thread Controller Spring Stop Screw
200133B	13443	Hemmer Tongue Screw, for 230533, 230714 and 230716
200154F	18102	Thread Check Screw, for 247608
200155F	13446	Hemmer Tongue Screw, for 230526 and 230528
200157B	15089	Edge Folder Screw
200157B	15089	Hemmer Screw
200158X	13445	" Bracket (lower) Screw, for 230517 and 230525
200159F	18102	Tension Bracket Screw
200160B	13445	Hemmer Folder Arm and Guard Screw, for 230514 and 230521
200161D	15092	Throat Plate Clamping Screw
200164X	13445	Hemmer Tongue (left) Screw, for 230512 and 230523
200164X	13637	Hemmer Tongue (right) Screw, for 230513 and 230522
200174X	18102	Tension Bracket Thread Guide Screw, for 234087
200187X	13446	Hemmer Folder Arm and Guard (left) Screw, for 230531
200187X	13443	Hemmer Folder on Shank Screw, for 230535, 230538, 230542, 230711 and 230712

No.	Plate	Name
200205F	15095	Feed Bar Slide Block Hinge Screw
200260D	15099	Presser Bar Lifting Releasing Lever Bracket Guide Screw
200262X	15097	Knee Lifter Lifting Lever Hinge Screw
200262X	18101	Presser Foot Vibrating Shaft Crank Link Hinge Screw
200299X	16615	Bobbin Winder Stop Latch Trip Lever Hinge Screw, for 259431
200309E	18102	Tension Release Lever Screw, for 234087
200328C	15096	Driving Wheel Position Screw, for 237784, 247587 and 247589
200335C	15096	Driving Wheel Set Screw, for 237784, 247587 and 247589
200335C	15098	Needle Bar Crank Set Screw, for 247535
200338C	15098	" " Bushing Set Screw
200341C	15096	Arm Shaft Bushing (front) Set Screw
200342C	15099	Piercer Bar Bushing Set Screw
200346C	15100	Feed Driving Segment Lever Shaft Bushing Set Screw
200346C	15094	Hook Driving Shaft Bushing Set Screw
200346C	15094	Vertical Shaft Bushing Set Screw
200347C	15100	Feed Driving Cam Set Screw, for 247506
200347C	15100	" Lifting Cam and Gear Shaft Set Screw (long)
200347C	18101	Needle Vibrating Bell Crank Hinge Stud Set Screw
200347C	15100	Needle Vibrating Lever Pitman Guard Adjusting Screw, for 247551
200352C	15099	Presser Bar Position Guide Set Screw
200352C	15098	Take-up Lever Hinge Stud Set Screw
200355X	18102	Tension Bracket Screw Socket Set Screw
200357E	15096	Arm Shaft Oil Packing Stop Screw, for 247502
200362C	15096	Piercer Bar Driving Cam Set Screw, for 213248
200363AL	15100	Feed Lifting Cam and Gear Shaft Set Screw (short)
200363AL	15100	Needle Vibrating Lever Pitman Guard Set Screw, for 247551
200374C	15094	Hook Driving Shaft Bevel Gear Set Screw, for 235857
200374C	15098	Needle Bar Connecting Link Stud Set Screw, for 247535
200374C	15094	Vertical Shaft Bevel Gear Set Screw, for 235857 and 236053
200378C	15096	Vertical Shaft Driving Bevel Gear Set Screw, for 247576
200380C	16615	Bobbin Winder Pulley Set Screw, for 225368
200380C	15094	Hook Driving Shaft Collar Set Screw, for 221743

No.	Plate	Name
200380C	15099	Presser Foot Spring Collar Set Screw, for 203759
200382C	15100	Needle Vibrating Cam Set Screw, for 247622
200383C	15094	Hook Driving Gear Set Screw, for 236086
200383C	15093	" Socket Gear Set Screw, for 236088
200383C	15098	Needle Bar Connecting Link Stud Set Screw, for 247535
200383C	16257	Thread Unwinder Spool Rest Rod Set Screw, for 259658
200388C	15096	Feed Lifting Cam and Gear Driving Pinion Set Screw, for 247515
200389C	15098	Auxiliary Piercer Set Screw, for 234714
200393C	15100	Presser Foot Vibrating Lever Roller Screw Stud Locking Screw, for 247653
200396C	15094	Hook Driving Shaft Bevel Gear Position Screw, for 235857
200396C	15094	Vertical Shaft Bevel Gear Position Screw, for 235857 and 236053
200396C	15096	Vertical Shaft Driving Bevel Gear Position Screw, for 247576
200397X	15092	Presser Foot Hinge Stud Set Screw, for 206653 and 229672
200397X	18102	Thread Retainer Stud Set Screw, for 234086
200398C	15094	Hook Driving Gear Position Screw, for 236086
200398C	15099	Presser Bar Bushing Set Screw
200428C	15098	Needle Bar Crank Position Screw, for 247535
200436F	15092	Presser Foot Adjusting Screw, for 206653 and 229672
200462X	15097	Face Plate Thumb Screw
200462X	13637	Hemmer Folder and Arm (left) Adjustable Thumb Screw, for 230514
200462X	13445	Hemmer Folder and Arm (right) Adjustable Thumb Screw, for 230521
200469X	13446	Hemmer Folder and Arm (right) Adjustable Thumb Screw, for 230531
200475X	15099	Presser Bar Thumb Screw Thumb Set Screw
200492X	15099	Presser Bar Thumb Screw (pressure regulating)
200502X	15096	Arm Shaft Bushing (front) Oil Packing Thumb Screw
200540D	15100	Feed Lifting Cam and Gear Cap Screw
200555X	15093	Hook Socket Screw, for 247672
200577AL	15092	Throat Plate Screw
200582X	18102	Thread Guide Screw
200587D	15092	Throat Plate Needle Guard Screw, for 247624

No.	Plate	Name
200594C	15093	Bobbin Case Tension Spring Screw, for 241676
200609F	18103	Driving Wheel Thumb Nut Stop Screw, for 201569B
200641C	15095	Feed Bar Hinge Screw, for 247509
200978X	18102	Thread Controller Disc Screw, for 234087
200984C	15093	Bobbin Case Tension Spring Regulating Screw, for 241676
201018C	16257	Thread Unwinder Spool Rest Set Screw, for 225257 and 225259
201030F	15098	Needle Holder Bracket Screw, for 247539
201052C	15099	Piercer Bar Lifting Bracket Set Screw, for 247609
201059C	18101	Knee Lifter Lifting Lever Connecting Rod Joint Hinge Screw
201097C	15100	Feed Lifting Lever Roller Screw Stud
201141C	18101	Needle Vibrating Lever Roller Screw Stud, for 247590
201183F	15098	Needle Holder Cap Screw, for 247585
201199F	18102	Thread Controller Stud with 204925, for 234087
201224B	18102	Tension Stud, for 234086
201253F	15093	Hook Gib Screw, for 247520
201306C	15095	Feed Driving Connection Hinge Screw
201306C	15095	" Lifting Connection Hinge Screw
201309E	15100	" Regulating Screw Slide
201311C	15100	" Driving Segment Lever Roller Screw Stud, for 247586
201314C	15100	Presser Foot Vibrating Lever Disengaging Lever Hinge Screw, for 247653
201405E	15094	Hook Driving Shaft Bevel Gear Guard Screw, for 235860
201499X	16615	Bobbin Winder Tension Stud, for 225461
201518E	15095	Feed Bar Slide Block Hinge Screw Nut
201518E	15095	" Driving Connection Hinge Screw Nut
201518E	15095	Feed Lifting Connection Hinge Screw Nut
201520X	18101	Knee Lifter Lifting Lever Connecting Rod Joint Hinge Screw Nut
201520X	15099	Piercer Bar Driving Cam Connection Crank Hinge Screw Nut
201522E	15095	Feed Bar Hinge Screw Nut, for 247509
201522E	18101	Presser Foot Vibrating Shaft Crank Link Hinge Screw Nut
201524E	15099	Piercer Bar Lifting Rock Shaft Bushing Set Screw Nut
201525E	13443	Hemmer Base Plate Screw Nut, for 230517, 230525, 230531, 230535, 230538, 230542, 230711 and 230712
201528X	15099	Piercer Bar Lifting Rock Shaft Slide Block Screw Stud Nut, for 247616

No.	Plate	Name
201528X	16257	Thread Unwinder Spool Pin Nut, for 225257 and 225259
201530E	15100	Feed Lifting Lever Roller Screw Stud Nut
201531E	15100	Feed Driving Segment Lever Roller Screw Stud Nut, for 247586
201535E	15095	Feed Dog Support Screw Nut, for 235697
201537X	15098	Needle Bar Thread Guide Clamping Nut, for 247585
201537X	15098	Needle Holder Hinge Stud Nut, for 247585
201569B	18103	Driving Wheel Thumb Nut with 200609F, for 247588
201572X	16615	Bobbin Winder Tension Stud Thumb Nut, for 225462
201572X	18102	Tension Thumb Nut, for 234087
201572X	18102	Thread Controller Stud Thumb Nut
201652E	15100	Feed Regulating Screw Slide Nut
201696X	16257	Thread Unwinder Thread Guide Lock Nut, for 259143
201716F	15100	Presser Foot Vibrating Lever Roller Screw Stud Thumb Nut, for 247653
201858	15100	Presser Foot Vibrating Lever Roller, for 201987
201871	15100	Feed Driving Segment Lever Roller, for 247586
201871	15100	Feed Lifting Lever Roller
201888	18101	Needle Vibrating Lever Roller, for 247590
201987	15100	Presser Foot Vibrating Lever Roller 201858 with 350241C, for 247653
201992	15098	Needle Bar Connecting Stud Roller
202005	15097	Arm Screw Washer
202016	18103	Driving Wheel Thumb Nut Stop Washer, for 247588
*202056	-----	Bobbin Case Base Latch Pin, for 247669
202091	18102	Thread Retainer Sleeve, for 204059
202092	18102	" " Spring, for 204059
202135	15097	Face Plate Position Pin, for 247501
202244	15096	Arm Shaft Bushing (front) Oil Packing (wick) for 207080
202254	15098	Needle Bar Connecting Link Stud Oil Packing (wick) for 202333
202260	15096	Arm Shaft Bushing (back) Oil Packing (wick) for 237748
202276	15095	Feed Bar Slide Block
202277	16615	Bobbin Winder Frame Oil Packing (wick) for 225453
202277	15098	Take-up Lever Driving Stud Oil Packing (wick) for 202399
202298	15095	Feed Driving Connection Crank with 200038C

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No.	Plate	Name
202298	15095	Feed Lifting Connection Crank with 200038C
202333	15098	Needle Bar Connecting Link Stud with 202254, for 247535
202338	15099	Presser Bar Position Guide Lever with 200086F
202399	15098	Take-up Lever Driving Stud with 202277
202400	15098	" " Hinge Stud with 202423
202401	15098	" " Oiling Felt
202423	15098	" " Hinge Stud Oil Packing (wick) for 202400
202478	16615	Bobbin Winder Stop Latch Trip Lever, for 259431
202552	15098	Needle Bar Connecting Link
203060	15095	Feed Bar Spring Hook
203060	18101	Needle Vibrating Lever Spring Hook
203172	15098	" Bar Crank Friction Washer Nos. 203211 to 203213, for 247669
203211	15093	Bobbin Case Base Latch
203212	15093	" " " " Plunger
203213	15093	" " " " Spring
203216	15093	" " Washer (cloth) for 247669
203376	15092	Throat Plate Position Pin, for 247503
*203476	-----	Bobbin Case Lever Eccentric, for 247527
203478	15093	" " " Fulcrum Stud, for 247672
*203511	-----	Hook (sewing) for 247520
203759	15099	Presser Foot Spring Collar with 200380C
204058	18102	Thread Retainer Stud, for 204059
204059	18102	Thread Retainer complete, Nos. 202091, 202092 and 204058, for 234087
204110	15100	Feed Lifting Cam and Gear Shaft Oiling Leather, for 247516
204111	15100	Feed Lifting Cam and Gear Shaft Oiling Leather Pin (leather) for 247516
204170	18103	Driving Wheel Pulley (loose) 2-3/4 in. diameter, for 247588
204189	15095	Feed Bar Spring Hook, for 235697
204197	15099	Piercer Bar Lifting Rock Shaft Collar with 200113F
204235	15097	Arm Position Pin
204243	15093	Bobbin Case Lever Eccentric Position Pin, for 247527
204271	18102	Tension Release Washer, for 234087
204341	18103	Driving Wheel Pulley Spring Washer, for 247588
204443	15095	Feed Bar Spring
204925	18102	Thread Controller Stud Washer, for 201199F
206064	18101	Needle Vibrating Lever Spring
206608	15099	Presser Bar Lifting Releasing Lever Bracket Spring

No.	Plate	Name
206653	15092	Presser Foot Shank (left) with 200086F, 200397X and 200436F, for 229775
207080	15096	Arm Shaft Bushing (front) with 202244
210932	18101	Needle Vibrating Bell Crank Hinge Stud with 248821
210954	18102	Thread Guide
213239	15098	Needle Bar Thread Guide Clamping Nut Washer, for 247585
213248	15096	Piercer Bar Driving Cam with two 200362C
213253	15099	Piercer Holder with 200117F
213256	15098	Needle Bar Thread Guide, for 247585
213740	15096	Piercer Bar Driving Cam Retaining Washer
213791	15099	Presser Bar (hollow)
213825	15091	Piercer
213826	15099	Piercer
215720	15099	" Bar Lifting Rock Shaft Bushing
221479	15092	Presser Foot Hinge Pin, for 229772, 229775, 229776 and 229836
221481	15099	Piercer Bar Bushing (upper) for 247560
221743	15094	Hook Driving Shaft Collar with two 200380C
222521	15100	Feed Lifting Cam and Gear Cap Screw Washer
222598	15098	Needle Bar Connecting Stud Oil Packing (wick) for 247534
223703	18102	Tension Release Lever, for 234087
223704	18102	" " Plunger, for 234087
223706	18102	Thread Controller Disc, for 234087
223811	15097	Bed Slide (back) Stop
223812	15097	" " " " Spring
224028	15096	Thread Guide
224044	15097	Bed Slide (front)
224100	15093	Hook Gib, for 247520
224391	15099	Presser Bar Bushing
224392	15096	Arm Shaft Oil Packing (wick) for 247502
225257	16257	Thread Unwinder Spool Rest (for two spools) (flat) with 201018C, two each 201528X, 228692 and 228693, for 259143
225259	16257	Thread Unwinder Spool Rest (for one spool) (flat) with 201018C, 201528X, 228692 and 228693, for 259143
225322	16257	Thread Unwinder Thread Guide Rod Washer, for 225324
225324	16257	Thread Unwinder Thread Guide Rod with 208AL and 225322, for 259143
225326	16257	Thread Unwinder Thread Guide Position Cup, for 259143
225368	16615	Bobbin Winder Pulley with 200380C, for 259431

No.	Plate	Name
225377	16257	Thread Unwinder Spool Wire, for small spools
225381	16615	Bobbin Winder Spindle, for 259431
225388	16257	Thread Unwinder Spool Rest Rod, for 259143
225390	16257	Thread Unwinder Thread Cone Holder
225391	16257	" " " Guide, for 259143
225444	16615	Bobbin Winder Stop Latch, for 259431
		Nos. 225453 to 225456, for 259431
225453	16615	Bobbin Winder Frame with 202277 and 259660
225454	16615	Bobbin Winder Frame Hinge Pin
225455	16615	" " " Spring
225456	16615	" " " Plunger
225458	16615	" " Stop Latch Thumb Lever, for 259431
225459	16615	Bobbin Winder Stop Latch Thumb Lever Hinge Stud, for 259431
225459	16615	Bobbin Winder Stop Latch Thumb Lever Joint Stud, for 259431
225461	16615	Bobbin Winder Tension Bracket with 201499X, for 225462
225462	16615	Bobbin Winder Tension Bracket complete, Nos. 13710, 201572X, 225461 and two 2102, for 259431
225486	15091	Needle Holder Stud Nut Wrench
225498	15091	Screw Driver (7-1/4 in. long)
225554	15091	Wrench (steel)
225604	15098	Auxiliary Piercer Holder Stud Washer, for 247585
225604	15098	Needle Holder Hinge Stud Washer, for 247585
225706	13443	Hemmer Base Plate Position Pin, for 230529, 230756, 230940 and 231371
225708	13443	Hemmer Base Plate Spring, for 230517, 230525, 230531, 230535, 230538, 230542 230711 and 230712
226163	13637	Hemmer Folder and Arm (left) Adjustable Thumb Screw Washer, for 230517
226163	13445	Hemmer Folder and Arm (right) Adjustable Thumb Screw Washer, for 230525 and 230531
228026	16615	Bobbin Winder Tension Bracket Screw Washer, for 259431
228235	15090	Drip Pan with four 3/4 in. wire nails
228277	15090	Knee Lifter Rock Shaft complete, Nos. 2763, 2768, 2778, 6337, two each 2770 and 237561
228476	15091	Screw Driver (Bobbin Case)
228692	16257	Thread Unwinder Spool Pin, for 225257 and 225259

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No.	Plate	Name
228693	16257	Thread Unwinder Spool Pin Washer, for 225257 and 225259
229672	15092	Presser Foot Shank (left) with 200086F, 200397X and 200436F, for 229772
229685	15092	Presser Foot Hinge Stud, for 229711 and 229837
229706	15092	Presser Foot Plate (left) for 229772 and 229775
229707	15092	Presser Foot Plate (right) for 229776
229711	15092	Presser Foot (hinged) (narrow) complete, Nos. 229685, 229775 and 229776
229772	15092	Presser Foot Shank 229672 with 221479 and 229706, for 229837
229775	15092	Presser Foot Shank 206653 with 221479 and 229706, for 229711
229776	15092	Presser Foot Shank 229796 with 221479 and 229707, for 229711
229796	15092	Presser Foot Shank (right) with 200086F for 229776 and 229836
229835	15092	Presser Foot Plate (right) for 229836
229836	15092	" " Shank 229796 with 221479 and 229835, for 229837
229837	15092	Presser Foot (hinged) complete, Nos. 229685, 229772 and 229836
230185	15089	Edge Folder on Shank for 1/4 in. fold (furnish sample material)
230192	15089	Hemmer on Shank, folds 1/8, 1/4, 3/8 and 1/2 in. hems
230484	13445	Hemmer Bracket (lower) Washer, for 230517 and 230525
230484	13443	Hemmer Folder on Shank Screw Washer for 230535, 230538, 230542, 230711 and 230712
230484	13446	Hemmer Folder Arm and Guard (left) Screw Washer, for 230531
Nos. 230510 to 230515, for 230517		
230510	13637	Hemmer Folder Arm and Guard (right)
230511	13637	" " and Arm (left)
230512	13637	" Tongue (left) with two 200164X
230513	13637	" " (right) with two 200164X
230514	13637	" Bracket (upper) with 200462X and two 200160B
230515	13637	Hemmer Bracket (lower) with two 200078B
230517	13637	Hemmer (adjustable) (left hand) complete, folds hems from 1/2 to 2-1/4 in., Nos. 201525E, 225708, 226163, 230484, 230510 to 230515, 231371, 350472X and two 200158X
Nos. 230518 to 230523, for 230525		
230518	13445	Hemmer Folder Arm and Guard (left)
230519	13445	" Bracket (lower) with two 200078B

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No.	Plate	Name
230520	13445	Hemmer Folder and Arm (right)
230521	13445	" Bracket (upper) with 200462X and two 200160B
230522	13445	Hemmer Tongue (right) with two 200164X
230523	13445	" " (left) with two 200164X
230525	13445	Hemmer (adjustable) (right hand) complete, folds hems from 1/2 to 2-1/4 in., Nos. 201525E, 225708, 226163, 230484, 230518 to 230523, 230940, 350472X and two 200158X Nos. 230526 to 230530, for 230531
230526	13446	Hemmer Folder and Arm (right) with two 200155F
230527	13446	Hemmer Tongue (right)
230528	13446	" Folder Arm and Guard (left) with two 200155F
230529	13446	Hemmer Base Plate with 225706
230530	13446	" Tongue (left)
230531	13446	Hemmer (reverse) (adjustable) (right hand) complete, folds hems from 1/2 to 2-1/2 in., Nos. 200469X, 201525E, 225708, 226163, 230484, 230526 to 230530, 350472X and two 200187X
230532	13443	Hemmer Folder on Shank, for 230535
230533	13443	" Tongue with two 200133B, for 230535
230535	13443	Hemmer (right hand) complete, folds 5/32, 3/16 and 1/4 in. hems, Nos. 201525E, 225708, 230484, 230532, 230533, 230940, 350472X and two 200187X
230536	13444	Hemmer Tongue with two 200103D, for 230538
230537	13444	Hemmer Folder on Shank, for 230538
230538	13444	Hemmer (reverse) (right hand) complete, folds 1/2 in. hem, Nos. 201525E, 225708, 230484, 230536, 230537, 230756, 350472X and two 200187X
230539	13445	Hemmer Tongue with two 200103D, for 230542
230540	13445	Hemmer Folder on Shank, for 230542
230542	13445	Hemmer (right hand) complete, folds 1/2, 9/16 and 3/4 in. hems, Nos. 201525E, 225708, 230484, 230539, 230540, 230940, 350472X and two 200187X
230711	13443	Hemmer (right hand) complete, folds 5/16 in. hem, Nos. 201525E, 225708, 230484, 230713, 230714, 230940, 350472X and two 200187X

No.	Plate	Name
230712	13444	Hemmer complete, folds 3/8 in. hem, Nos. 201525E, 225708, 230484, 230715, 230716, 230940, 350472X and two 200187X
230713	13443	Hemmer Folder on Shank, for 230711
230714	13443	" Tongue with two 200133B, for 230711
230715	13444	Hemmer Folder on Shank, for 230712
230716	13444	" Tongue with two 200103D, for 230712
230756	13444	Hemmer Base Plate with 225706, for 230538
230940	13443	Hemmer Base Plate with 225706, for 230525, 230535, 230542, 230711 and 230712
231371	13637	Hemmer Base Plate with 225706, for 230517
232343	18101	Needle Vibrating Rock Shaft Crank Position Pin, for 247554 and 247557
233634	15099	Presser Bar Position Guide
233939	15093	Bobbin
234044	15099	Presser Bar Spring Stop Rod
234047	18102	Tension Bracket Screw Socket
234086	18102	" " with two each 200397X, 201224B and 236060, for 234087
234087	18102	Tension Bracket complete, Nos. 200174X 200978X, 201199F, 223703, 223706 234086, 236098, 237174, two each 13710, 200309E, 204059, 204271, 223704, three 201572X and four 244048
234702	15091	Tweezers
234714	15098	Auxiliary Piercer Holder with 200117F and 200389C
234739	15098	Auxiliary Piercer
235505	15094	Arm Side Cover
235513	15100	Feed Driving Connection Bearing
235524	15100	" Regulating Screw Slide Washer
235601	18101	Presser Foot Vibrating Shaft Bushing (front)
235619	15095	Feed Driving Rock Shaft Center
235619	15095	" Lifting Rock Shaft Center
235697	15095	" Bar with 201535E, 204189 and 350219E, for 247509
235771	15093	Bobbin Case Tension Spring, for 241676
235857	15094	Hook Driving Shaft Bevel Gear with 200374C and 200396C
235857	15094	Vertical Shaft Bevel Gear (lower) with 200374C and 200396C
*235858	-----	Hook Driving Shaft Bevel Gear Guard Section (back) for 235860

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No.	Plate	Name
*235859	-----	Hook Driving Shaft Bevel Gear Guard Section (front) for 235860
235860	15094	Hook Driving Shaft Bevel Gear Guard complete, Nos. 201405E, 235858 and 235859
235865	15093	Hook Saddle Screw Washer
235866	15093	" Socket, for 247672
236051	15094	Vertical Shaft
236053	15094	" " Bevel Gear (upper) with 200374C and 200396C
236054	15094	Vertical Shaft Bushing (lower)
236060	18102	Tension Disc Position Pin, for 234086
236086	15094	Hook Driving Gear with 200383C and 200398C
236088	15093	Hook Socket Gear (spiral) (left or right) with two 200383C, for 247672
236098	18102	Tension Bracket Thread Guide (double) for 234087
237174	18102	Thread Controller Spring, for 234087
237561	15090	Knee Lifter Rock Shaft Hanger with two wood screws 1 in., No. 10, for 228277
237748	15096	Arm Shaft Bushing (back) with 202260
237784	15096	Driving Wheel (disc) (belt groove 2-3/8 in. diam.) with 200328C and 200335C
241360	18102	Thread Controller Spring Stop
241674	15093	Bobbin Case Oiling Felt, for 241676
241675	15093	" " " " Retainer, for 241676
241676	15093	Bobbin Case Cap with 200594C, 200984C, 235771, 241674, 241675 and two 350405C, for 247673
244004	15099	Presser Bar Lifting Releasing Lever Bracket
244048	18102	Tension Disc, for 234087
244084	15099	Presser Bar Thumb Screw Thumb Set Screw Packing (fibre)
*247501	-----	Arm with 202135 and four 247579
247502	15096	" Shaft with 200357E and 224392
*247503	-----	Bed with 203376
247504	15097	" Slide (back)
247505	15097	Face Plate
247506	15100	Feed Driving Cam with two 200347C
247507	15100	" " Connection
247508	15095	" " Rock Shaft, for 247509
247509	15095	" " " " 247508 with 200641C, 201522E and 235697
247512	15100	Feed Driving Segment Lever Shaft Bushing (left)
247513	15100	Feed Driving Segment Lever Shaft Bushing (right)
247514	15100	Feed Lifting Cam and Gear, 54 teeth

No.	Plate	Name
247515	15096	Feed Lifting Cam and Gear Driving Pinion, 18 teeth, with two 200388C
247516	15100	Feed Lifting Cam and Gear Shaft (hollow) with 204110 and two 204111
247517	15100	Feed Lifting Connection
247518	15100	" " Lever
247519	15095	" " Rock Shaft
247520	15093	Hook 203511 with 224100 and two 201253F, for 247675
247522	15094	Hook Driving Gear Guard
247523	15094	" " Shaft
247524	15094	" " " Bushing (back)
247525	15093	" Saddle (left or right) for 247672
247527	15093	" Washer with 203476 and three 204243, for 247672
247531	15098	Needle Bar
247532	15098	" " Bushing (lower)
247533	15098	" " " (upper)
247534	15098	" " Connecting Stud with 200072C and 222598
247535	15098	Needle Bar Crank with 200335C, 200374C 200383C, 200428C and 202333
247539	15098	Needle Holder Bracket with 201030F, for 247585
247541	18101	Needle Vibrating Bell Crank (left)
247542	18101	" " " " (right)
247543	18101	" " " " Link
247545	15098	" " Connection Rod
247546	18101	" " Crank (right) with 200072C
247547	18101	Needle Vibrating Crank (left) with 200072C
247549	18101	Needle Vibrating Lever Pitman (long)
247550	18101	" " " " Con- nection
247551	15100	Needle Vibrating Lever Pitman Guard with 200347C and 200363AL
247552	18101	Needle Vibrating Lever Pitman Swivel with 200110D
247553	18101	Needle Vibrating Rock Shaft (left) for 247554
247554	18101	Needle Vibrating Rock Shaft (left) 247553 with 232343 and 247558
247555	18101	Needle Vibrating Rock Shaft (right) for 247557
247556	18101	Needle Vibrating Rock Shaft (right) Collar, for 247557
247557	18101	Needle Vibrating Rock Shaft (right) 247555 with 232343, 247556 and 247558
247558	18101	Needle Vibrating Rock Shaft Crank (left or right) for 247554 and 247557

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No.	Plate	Name
247559	15099	Piercer Bar, for 247560
247560	15099	" " 247559 with 221481 and 247561
247561	15099	Piercer Bar Bushing (lower) for 247560
247563	15099	" " Driving Cam Connection Crank with 200070C
247564	15099	Presser Bar Lifter
247567	15099	" " Sleeve
247569	18101	" Foot Vibrating Shaft Bushing (back)
247570	15098	Take-up Lever
247571	15099	Tension Release Lever Rod
247572	15099	" " " " Extension
247573	15094	Vertical Shaft Bushing (upper)
247574	15094	" " " " Oil Tube (brass)
247575	15094	Vertical Shaft Bushing (lower) Oil Tube (brass)
247576	15096	Vertical Shaft Driving Bevel Gear with 200378C and 200396C
247577	18101	Needle Vibrating Connection Rod Swivel
247578	15094	Hook Driving Shaft Bushing (center or front)
247579	18101	Needle Vibrating Rock Shaft Bushing, for 247501
247580	15099	Presser Bar Spring
247582	15099	" Foot Spring
247583	15098	Needle Holder (left) with two 200130F, for 247585
247584	15098	Needle Holder (right) with two 200130F, for 247585
247585	15098	Needle Holder Bracket 247539 with 213239, 213256, 247583, 247584, 350285E, two each 201183F, 350240C, three each 201537X and 225604
247586	15100	Feed Driving Segment Lever with 201311C, 201531E and 201871
247587	18103	Driving Wheel, 5 in. diam., with 200328C and 200335C, for 247588
247588	18103	Driving Wheel (belt groove 2-3/4 in. diam.) complete, Nos. 201569B, 202016, 204170, 204341 and 247587
247589	18103	Driving Wheel (heavy) 5-1/4 in. diam. (belt groove 2-3/4 in. diam.) with 200328C and 200335C
247590	18101	Needle Vibrating Lever with 201141C and 201888
247591	18101	Needle Vibrating Lever Pitman (short)
247592	15096	Piercer Bar Driving Cam Connection with 200057X and 200066D
247593	15100	Feed Driving Segment Lever Shaft Collar with 200119F

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No.	Plate	Name
247593	18101	Presser Foot Vibrating Shaft Collar with 200119F
247602	15099	Presser Bar Lifting Lever with 350277C
247603	15097	Knee Lifter Lifting Lever
247604	15097	" " " " Connecting Rod
247606	18102	Thread Check Bracket, for 247608
247607	18102	" " Cap, for 247608
247608	18102	Thread Check complete, Nos. 200154F, 247606, 247607, 247619 and two 9543
247609	15099	Piercer Bar Lifting Bracket with two 201052C, for 247615
247610	15099	Piercer Bar Lifting Rock Shaft, for 247616
247611	15099	Piercer Bar Lifting Rock Shaft Slide Block, for 247612
247612	15099	Piercer Bar Lifting Rock Shaft Slide Block 247611 with 350284C, for 247616
247615	15099	Piercer Bar Lifting Rock Shaft 247616 with 247609
247616	15099	Piercer Bar Lifting Rock Shaft 247610 with 201528X and 247612, for 247615
247618	15094	Bed Cover Plate
247619	18102	Thread Check Spring, for 247608
247621	15092	Throat Plate Needle Guard, for 247624
247622	15100	Needle Vibrating Cam with two 200382C
247623	15093	Bobbin Case Lever, for 247672
247624	15092	Throat Plate with 247621 and two 200587D, for 247626
247625	15093	Bobbin Case Lever Fulcrum, for 247672
247626	15092	Feed Dog, for 247624
247651	15100	Presser Foot Vibrating Cam
247652	15100	" " " Lever with 350257X, for 247653
247653	15100	Presser Foot Vibrating Lever 247652 with 200393C, 201314C, 201716F, 201987 and 247654 to 247656 Nos. 247654 to 247656, for 247653
247654	15100	Presser Foot Vibrating Lever Dis-engaging Lever
247655	15100	Presser Foot Vibrating Lever Dis-engaging Lever Spring
247656	15100	Presser Foot Vibrating Lever Roller Screw Stud Spring
247657	18101	Presser Foot Vibrating Shaft, for 247666
247659	18101	" " " " Crank, for 247666
247660	18101	Presser Foot Vibrating Shaft Crank Link
247662	15097	Knee Lifter Bell Crank Spring, for 247667
247663	15097	Knee Lifter Bell Crank, for 247665
247664	15097	" " " " Bracket, for 247665

NUMERICAL LIST OF PARTS

No.	Plate	Name
247665	15097	Knee Lifter Bell Crank Bracket 247664 with 5601 and 247663, for 247667
247666	18101	Presser Foot Vibrating Shaft 247657 with 2049 and 247659
247667	15097	Knee Lifter Bell Crank Bracket complete, Nos. 247662 and 247665
247669	15093	Bobbin Case Base with 202056, 203211 to 203213 and 203216, for 247673
247672	15093	Hook Saddle (left or right) complete, Nos. 200066D, 200555X, 203478, 235866, 236088, 247525, 247527, 247623, 247625 and 247675
247673	15093	Bobbin Case complete, Nos. 241676 and 247669, for 247675
247675	15093	Hook and Bobbin Case complete, Nos. 247520 and 247673, for 247672
248821	18101	Needle Vibrating Bell Crank Hinge Stud Oil Packing (wick) for 210932
259143	16257	Thread Unwinder (for three spools) complete, Nos. 201696X, 225257, 225259, 225324, 225326, 225388, 259658 three each 150203, 225391 and wood screws 7/8 in., No. 12 Nos. 259428 to 259430, for 259431
259428	16615	Bobbin Winder Brake (leather)
259429	16615	" " " Clamp
259430	16615	" " and Tension Bracket Base
259431	16615	Universal Bobbin Winder complete, Nos. 200056E, 200082D, 200113F, 200299X, 202478, 225368, 225381, 225444, 225453 to 225456, 225458, 225462, 228026, 259428 to 259430, two each 225459 and wood screws 3/4 in., No. 12, R. H. B.
259658	16257	Thread Unwinder Spool Stand with 200383C, for 259143
259660	16615	Bobbin Winder Frame Oil Well Washer, for 225453
350219E	15095	Feed Dog Support Screw, for 235697
350221D	15094	Arm Side Cover Screw
350240C	15098	Needle Holder Hinge Stud, for 247585
350241C	15100	Presser Foot Vibrating Lever Roller Screw Stud, for 201987
350257X	15100	Presser Foot Vibrating Lever Pinch Screw, for 247652
350274C	15099	Piercer Bar Driving Cam Connection Crank Hinge Screw
350277C	15099	Presser Bar Lifting Lever Set Screw, for 247602
350284C	15099	Piercer Bar Lifting Rock Shaft Slide Block Screw Stud, for 247612

NUMERICAL LIST OF PARTS

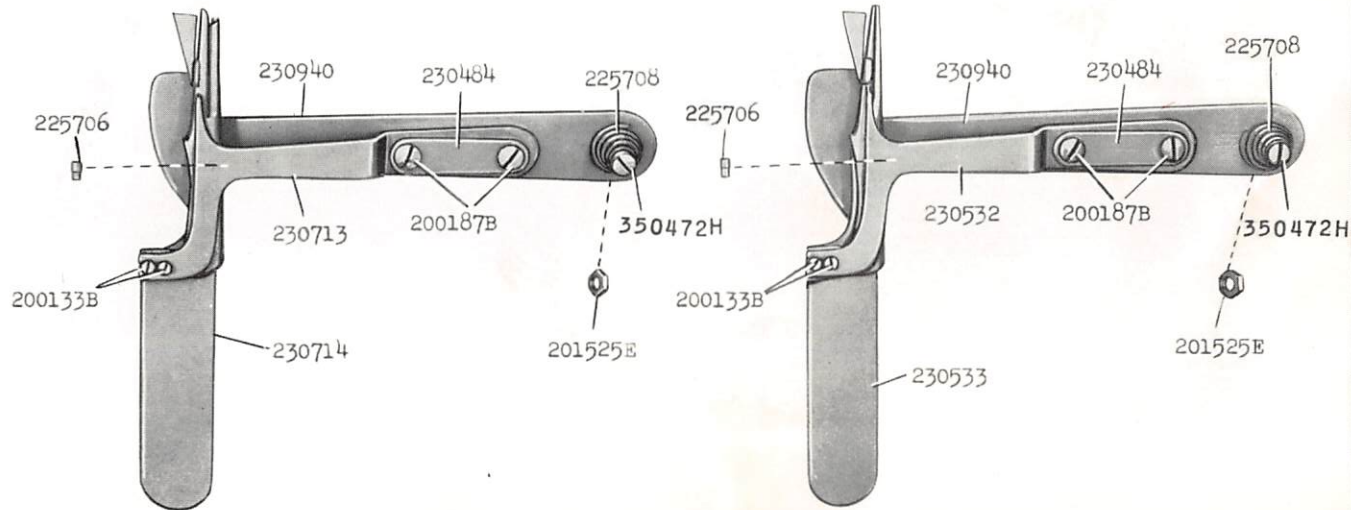
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No.	Plate	Name
350285E	15098	Auxiliary Piercer Holder Stud, for 247585
350405C	15093	Bobbin Case Oiling Felt Retainer Screw, for 241676
350419X	15096	Driving Wheel Adjusting Screw
350472X	13443	Hemmer Base Plate Screw, for 230517, 230525, 230531, 230535, 230538, 230542 230711 and 230712

230711 - 5/16

230535

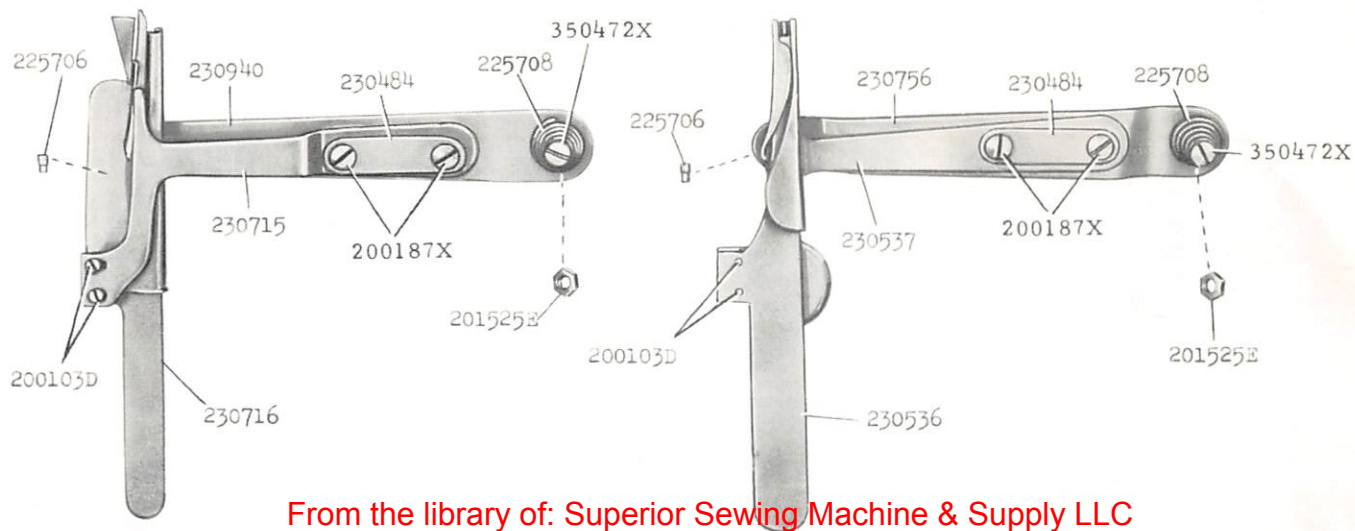
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13443 - 3/8

230538 - 1/2

230712 - 3/8

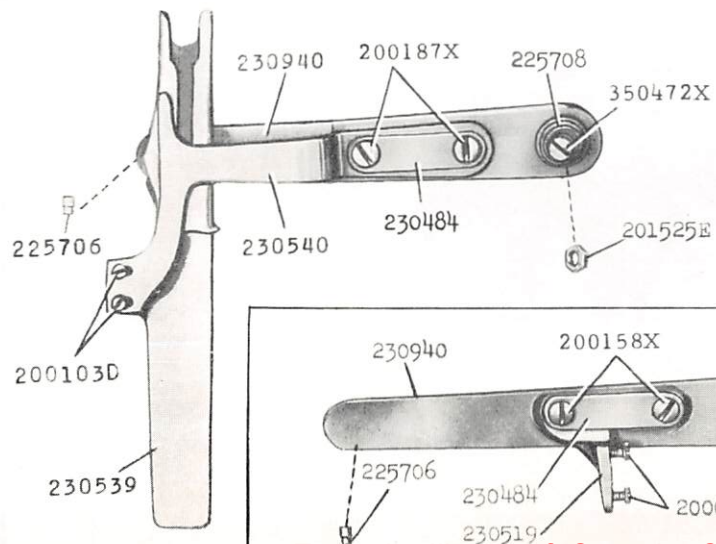


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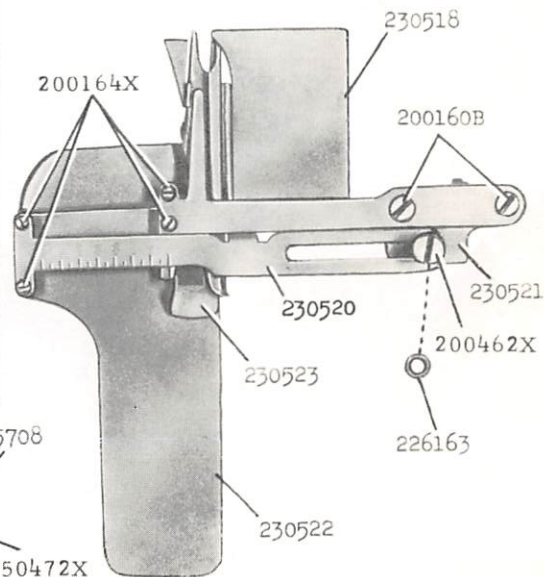
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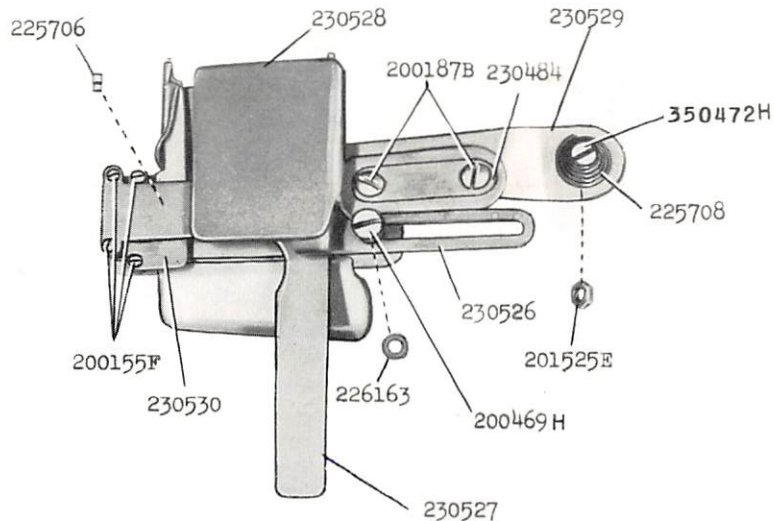
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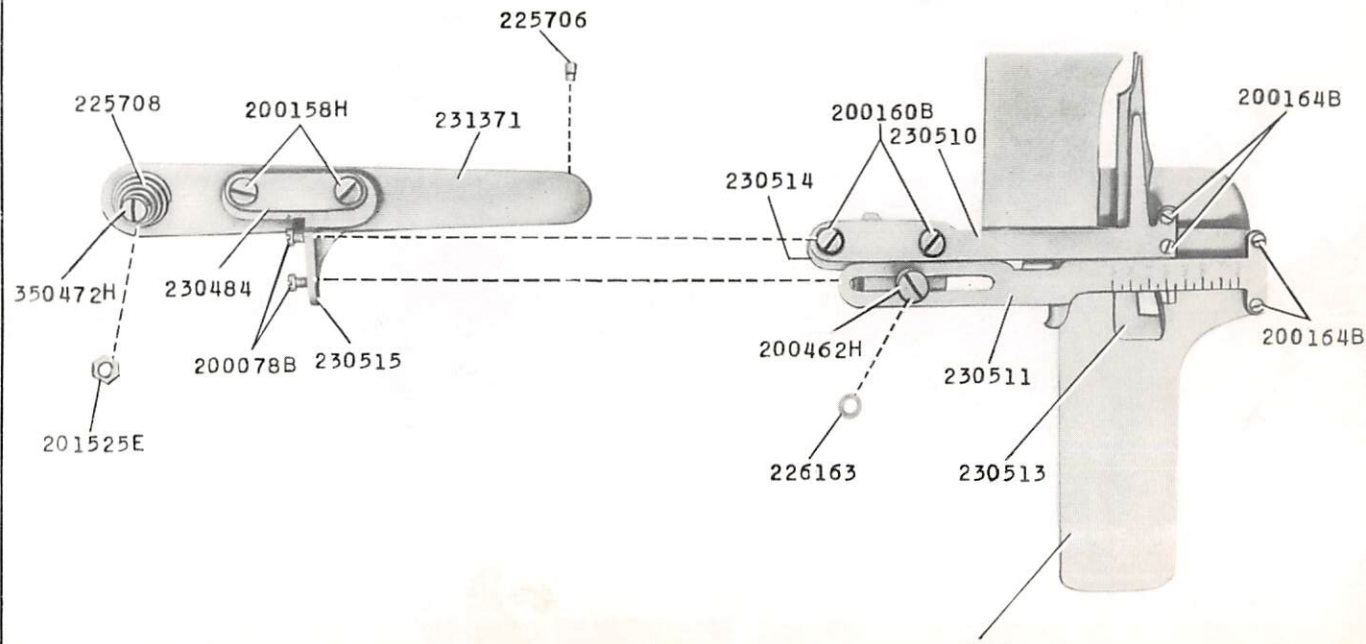
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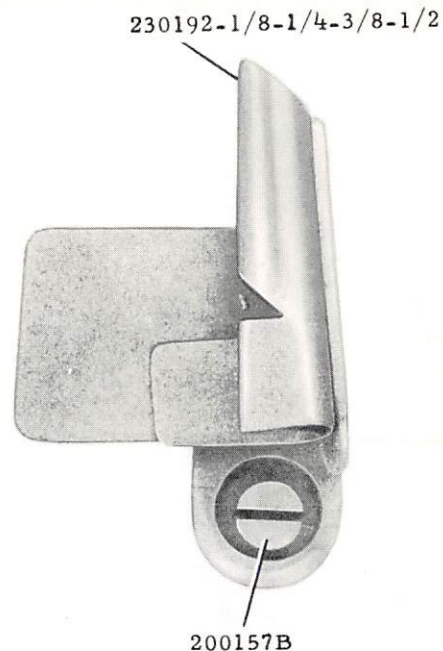
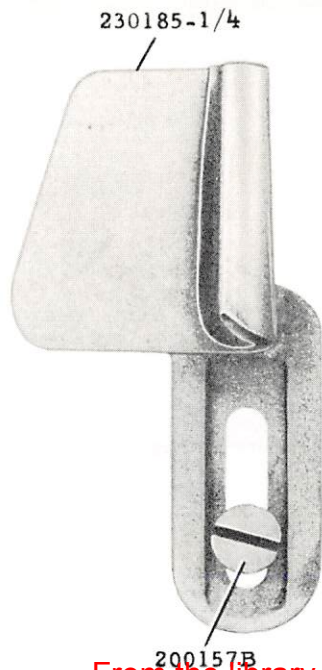
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13637 - 3/8

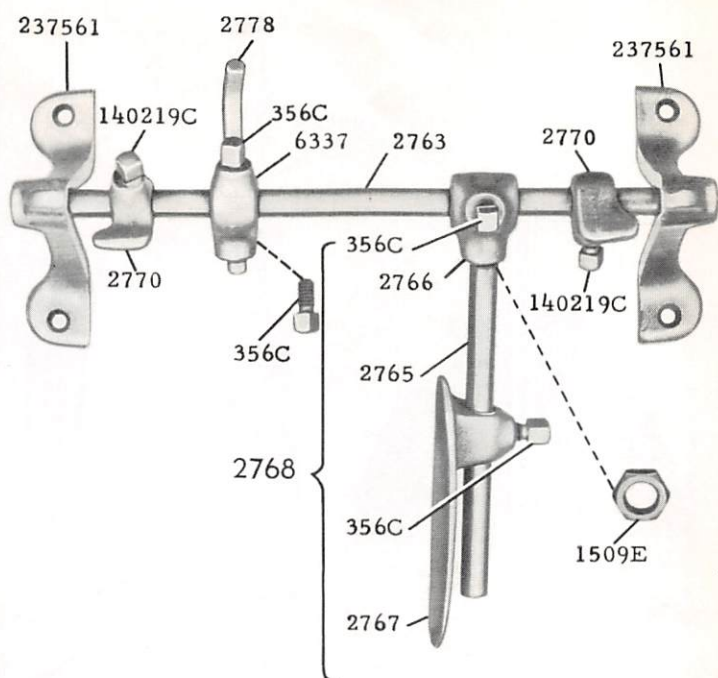
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15090 - 1/3

228277

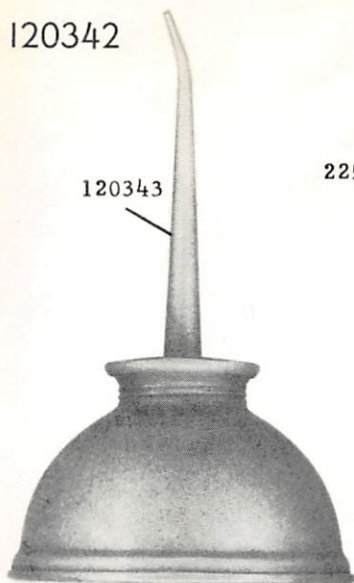


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15091 - 1/2

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225498



228476



225486



213825



12361



41400



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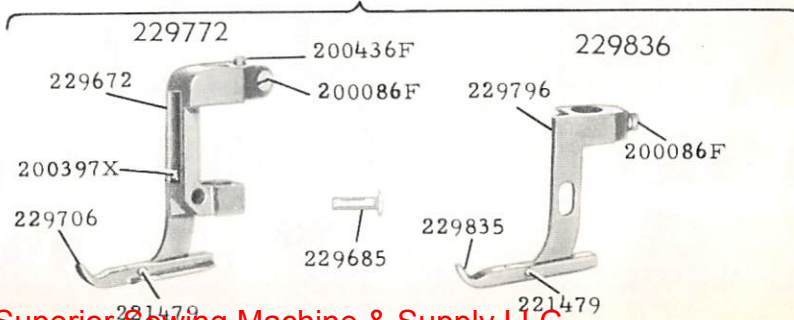
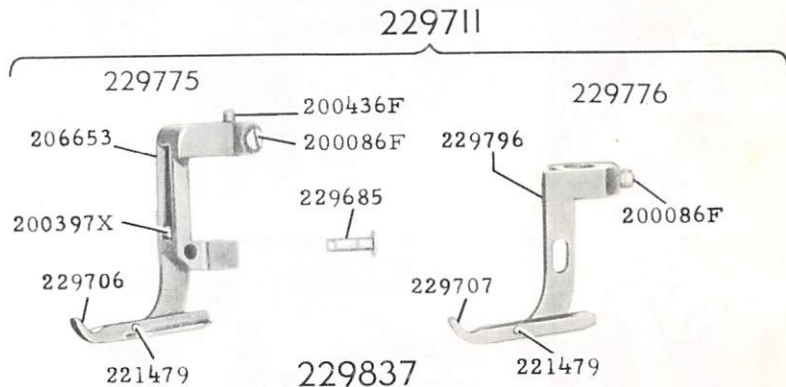
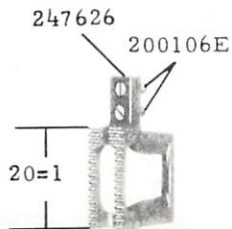
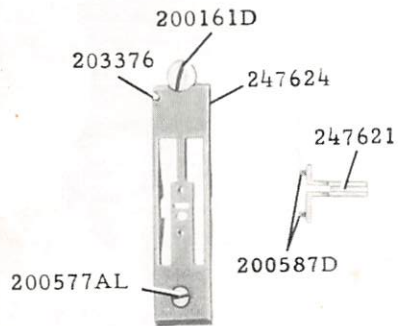


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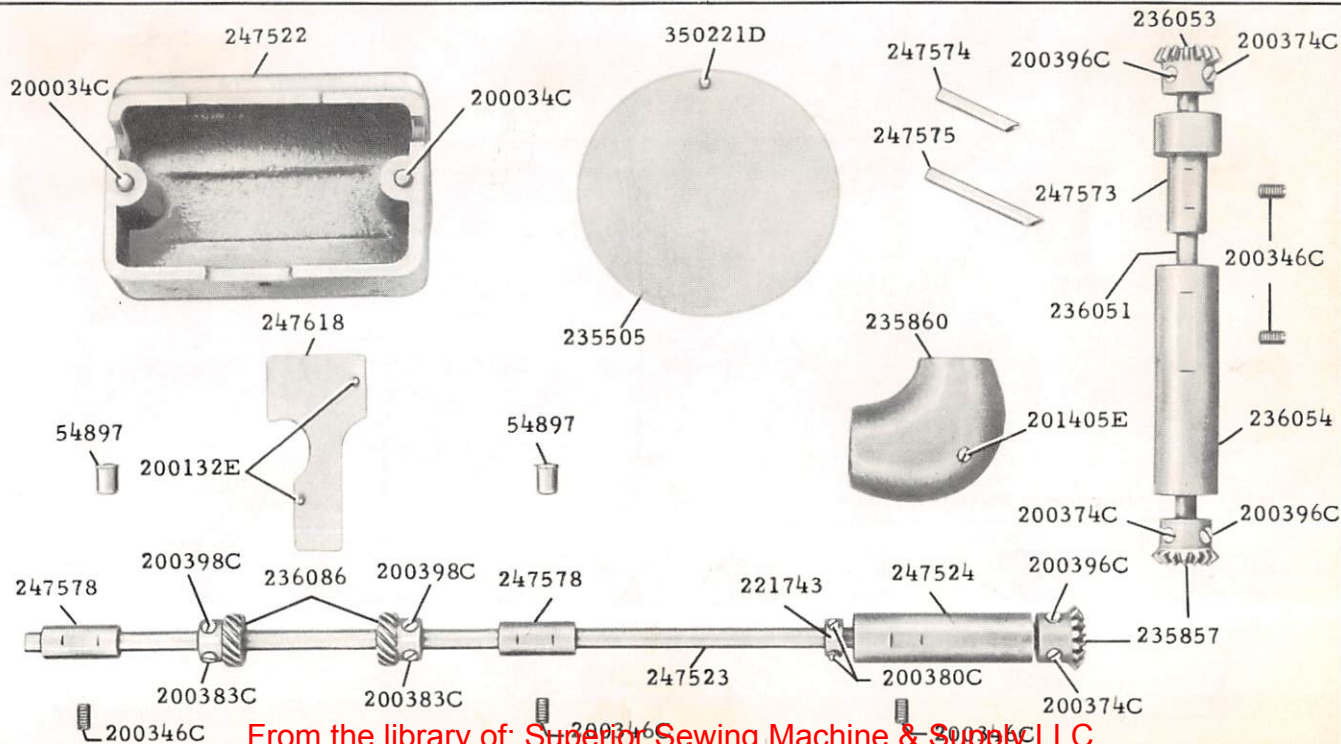


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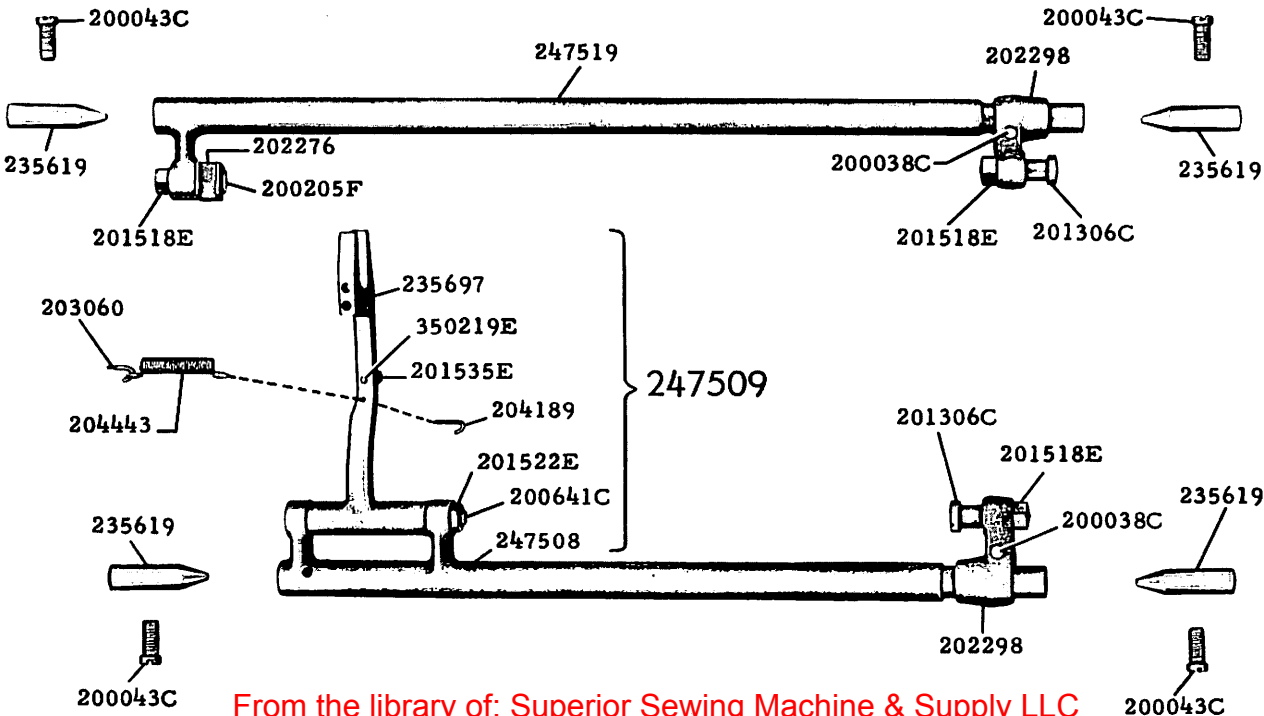




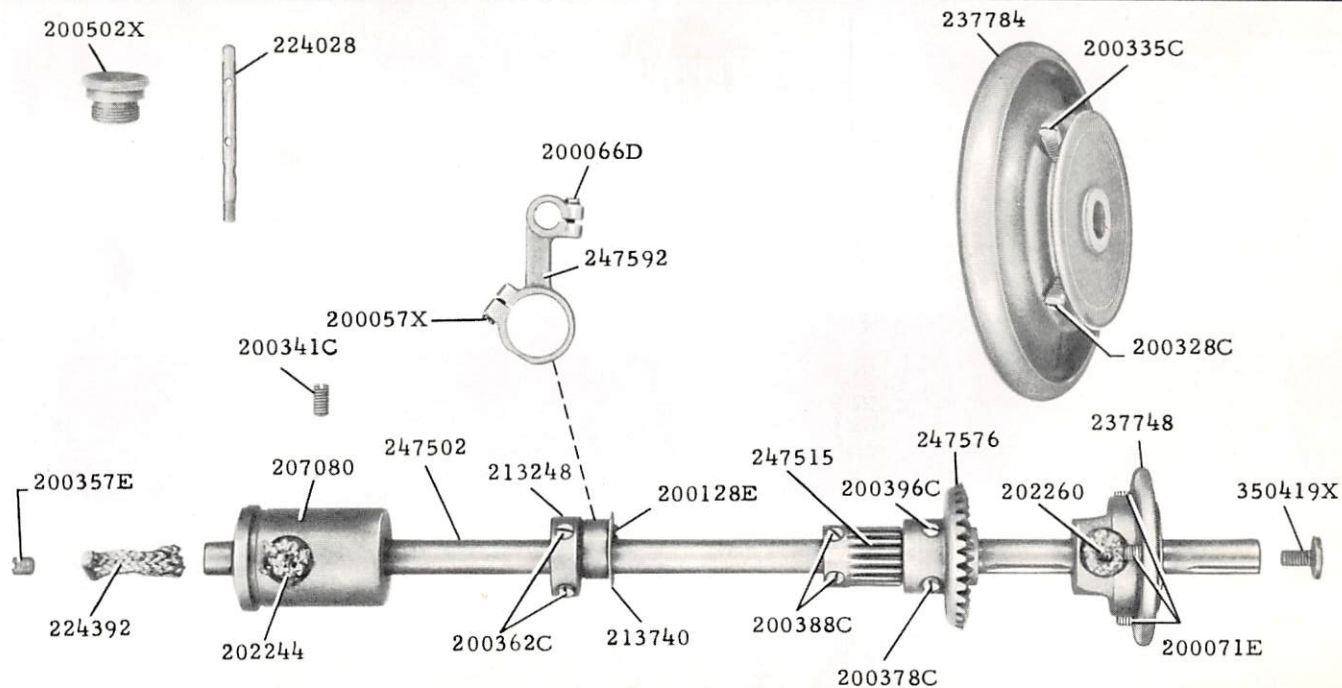
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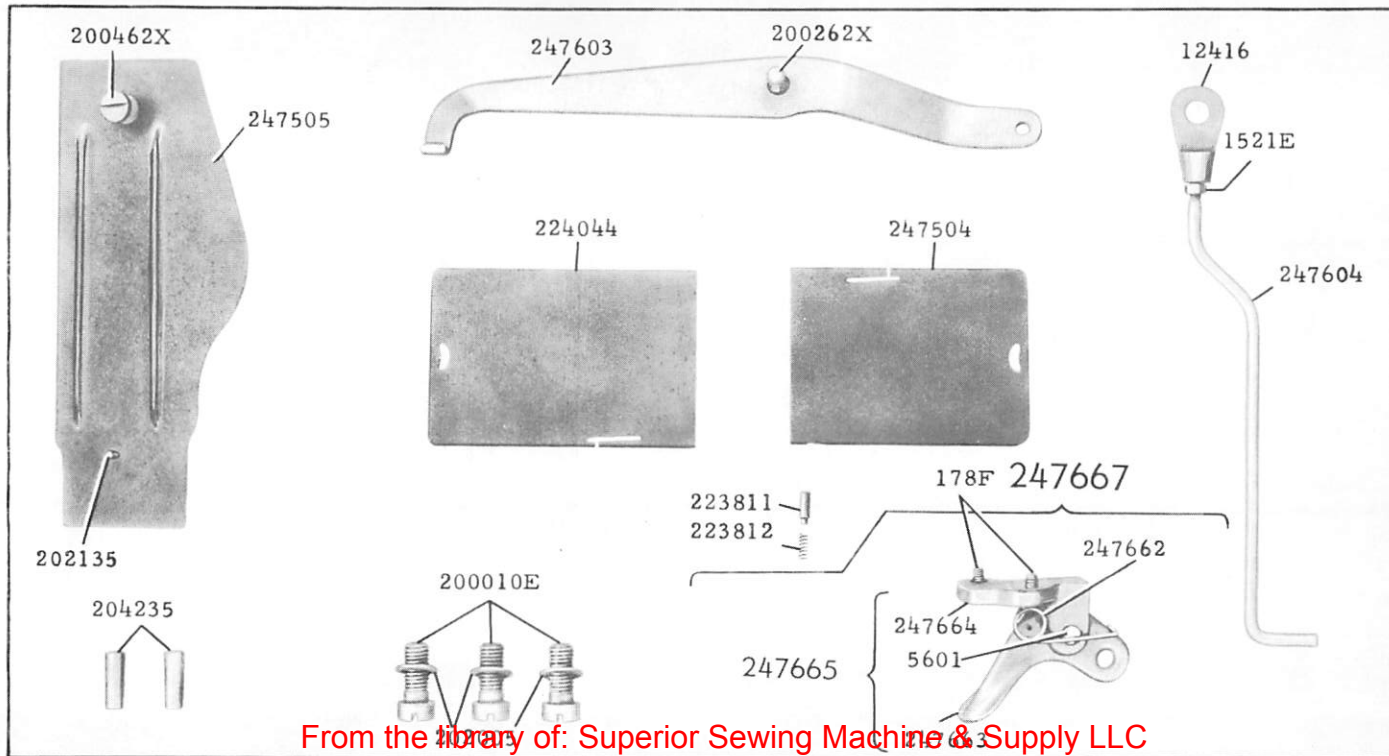


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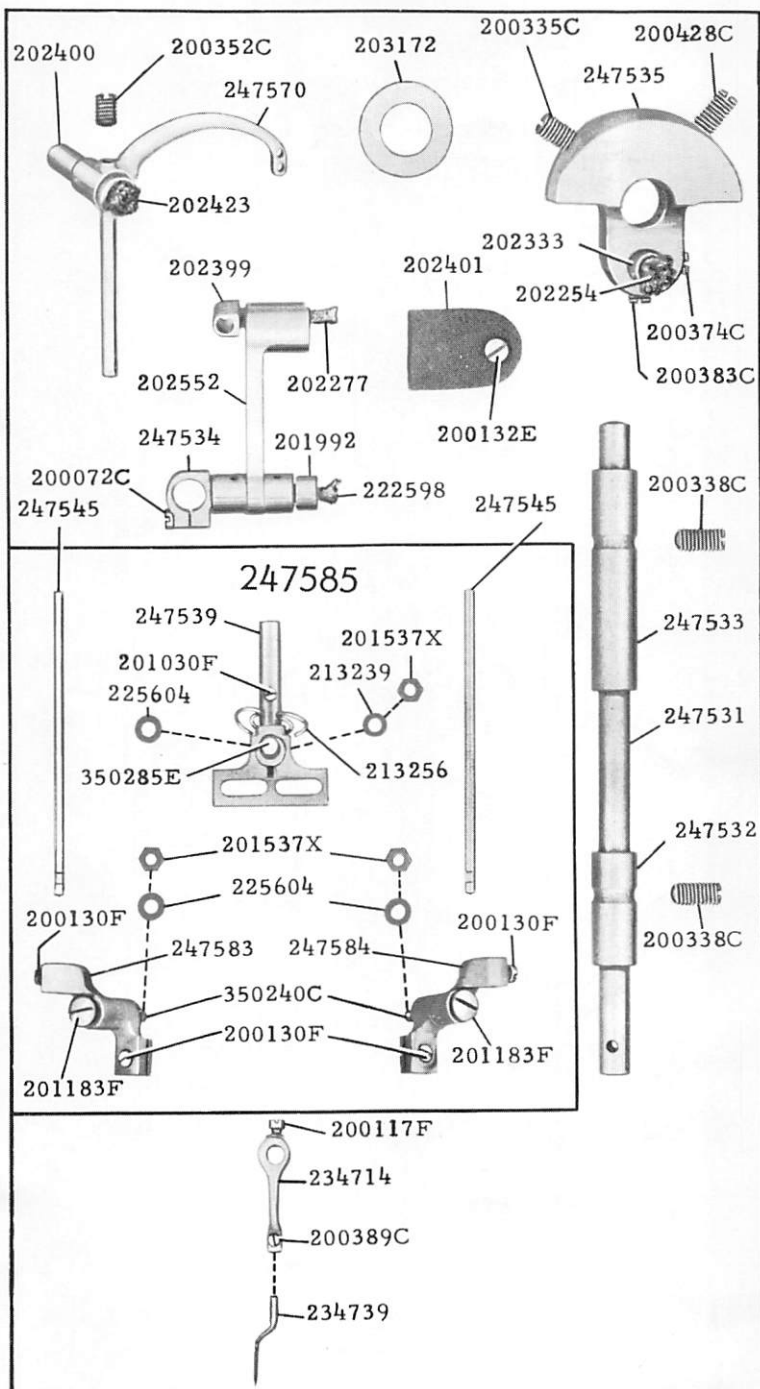
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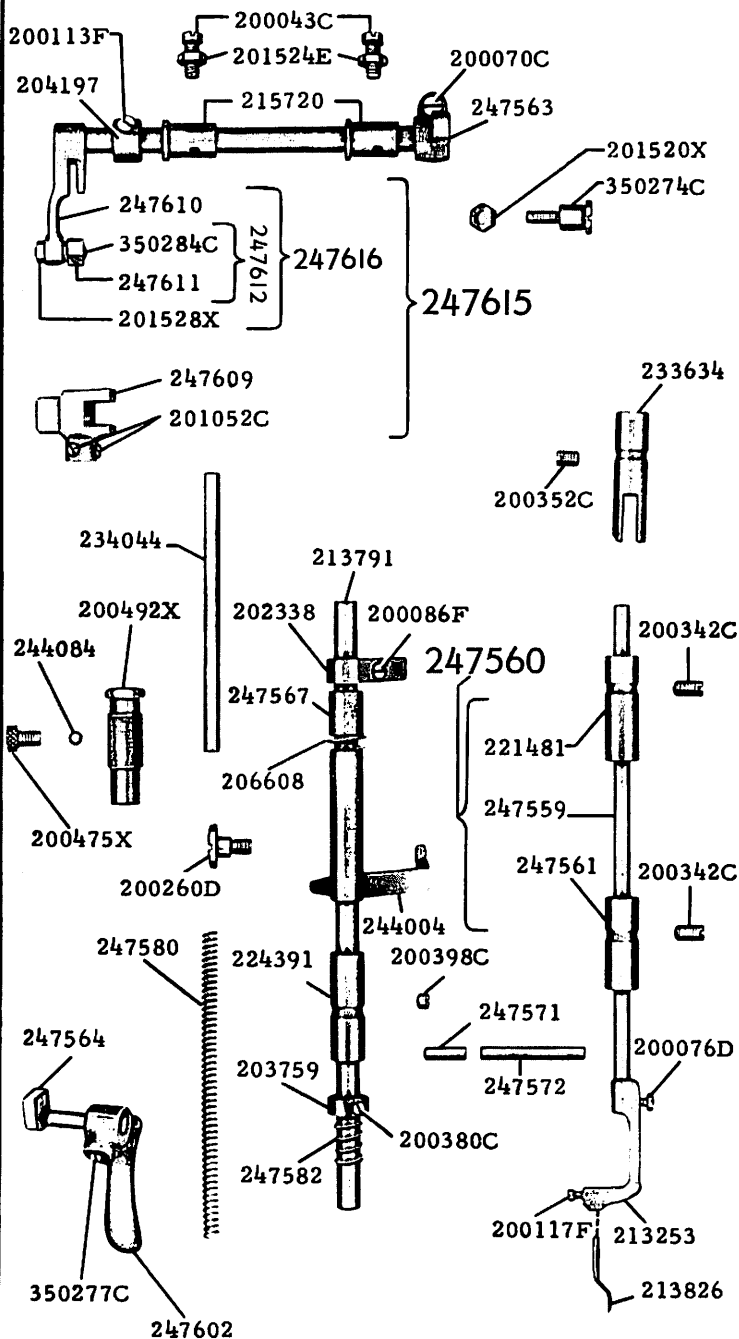
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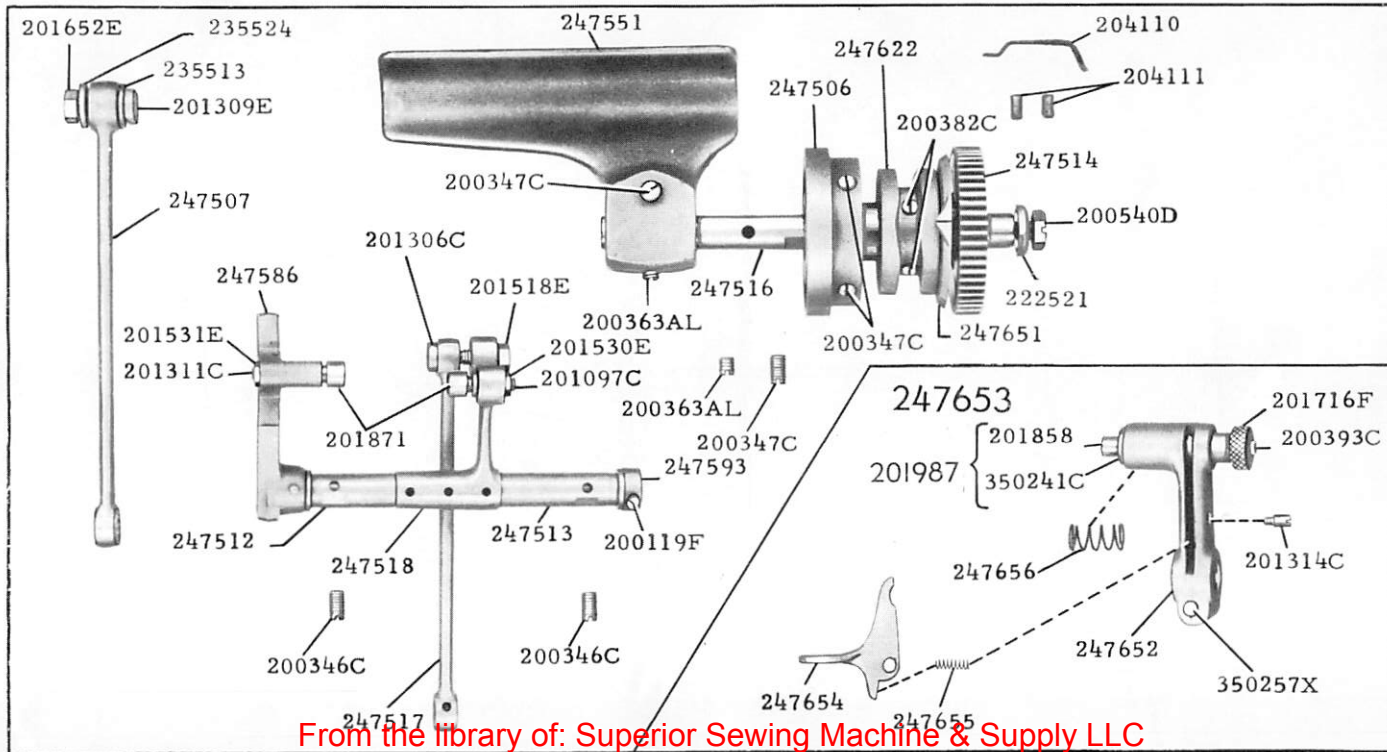
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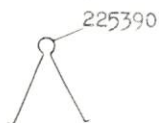
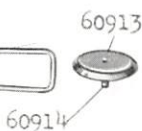
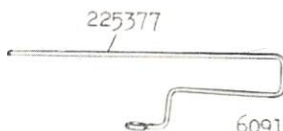
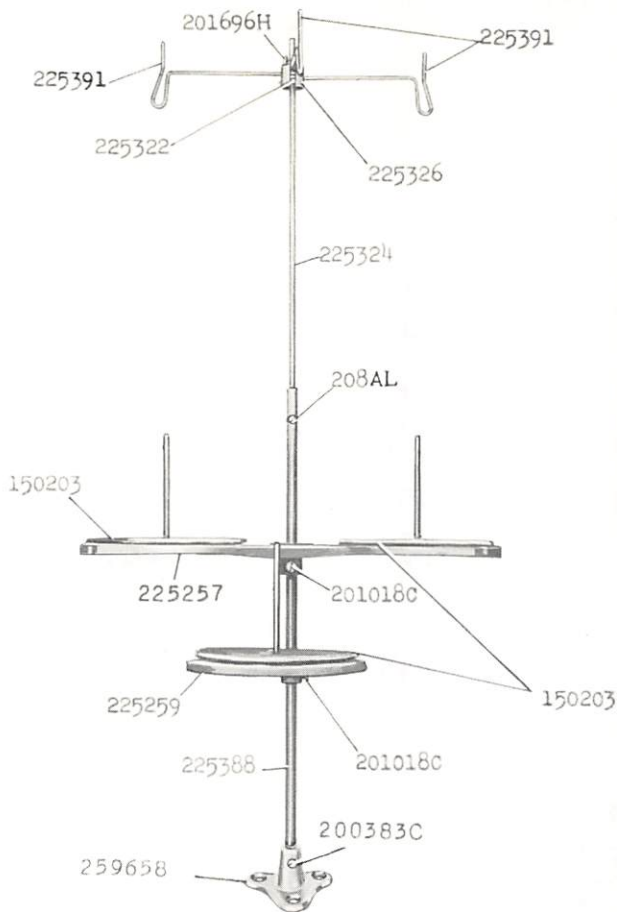
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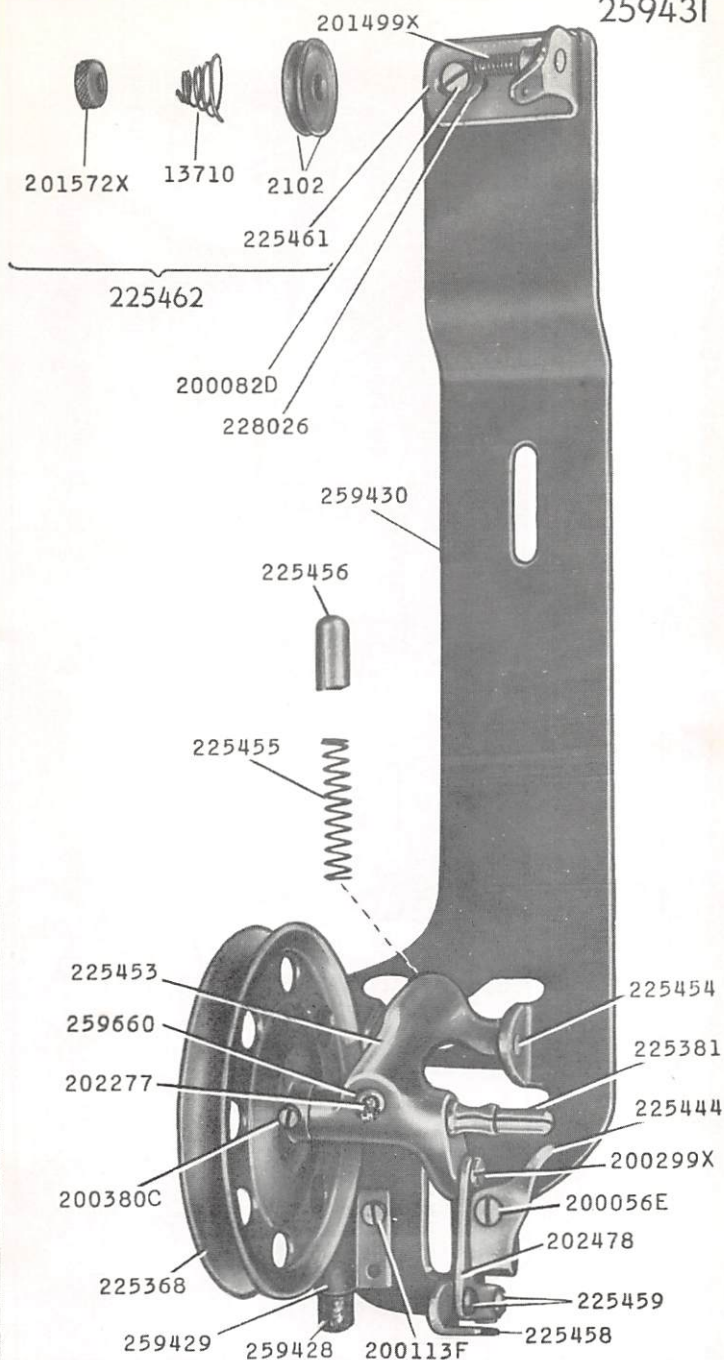
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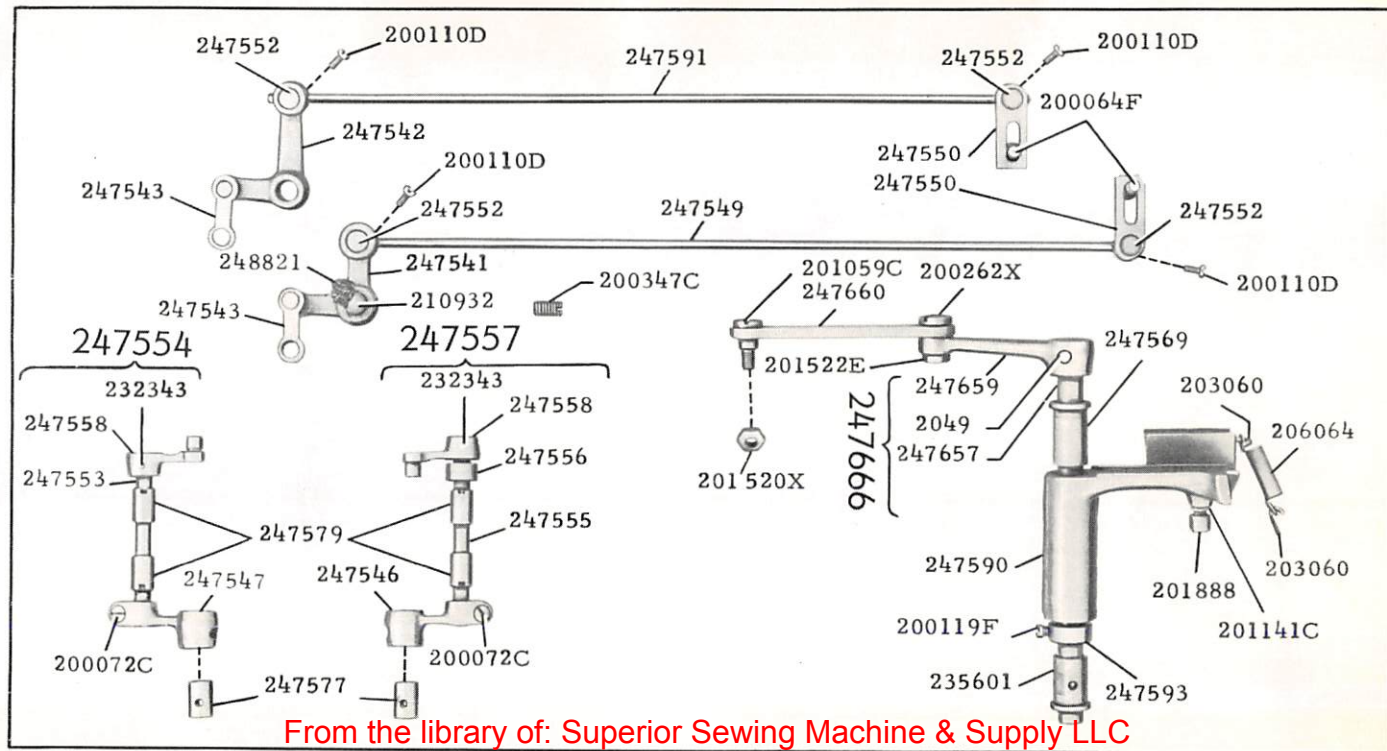
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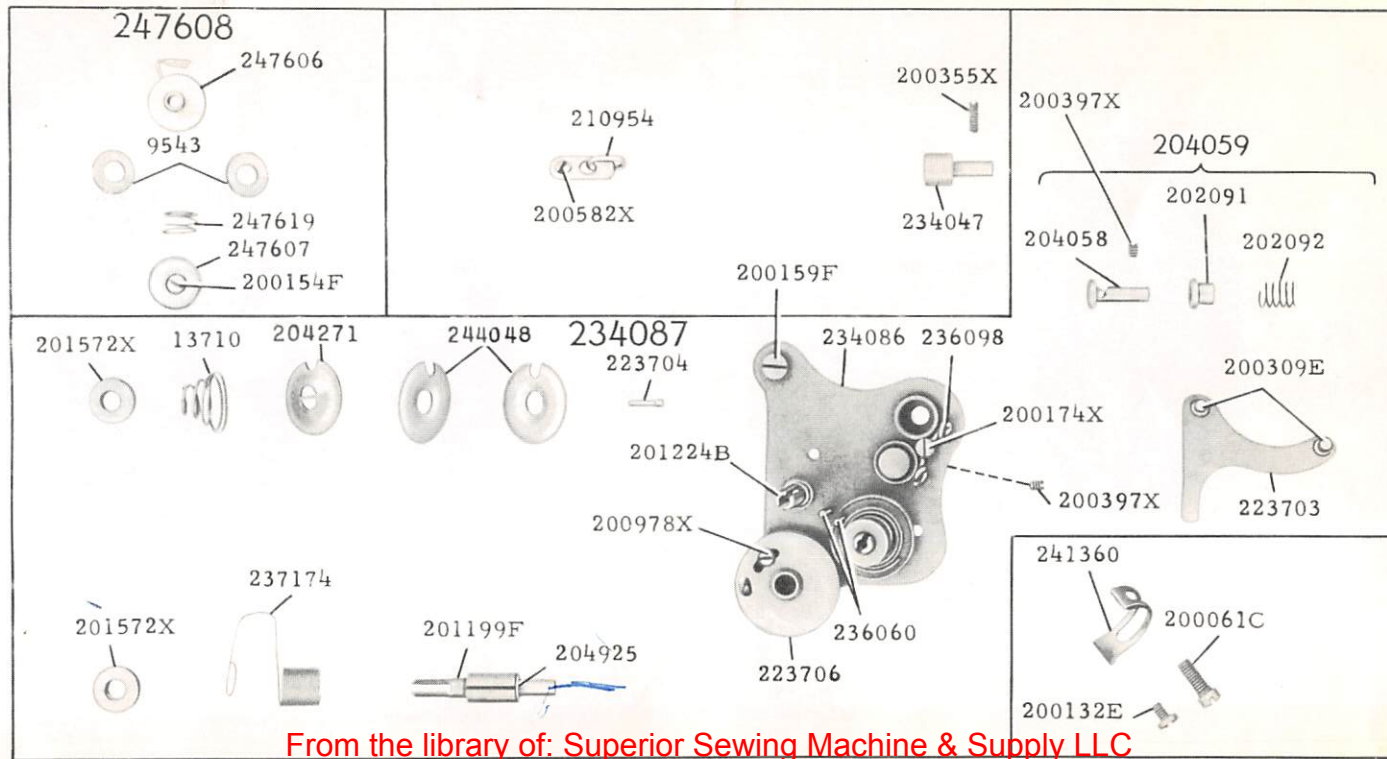


16615 - 1/2

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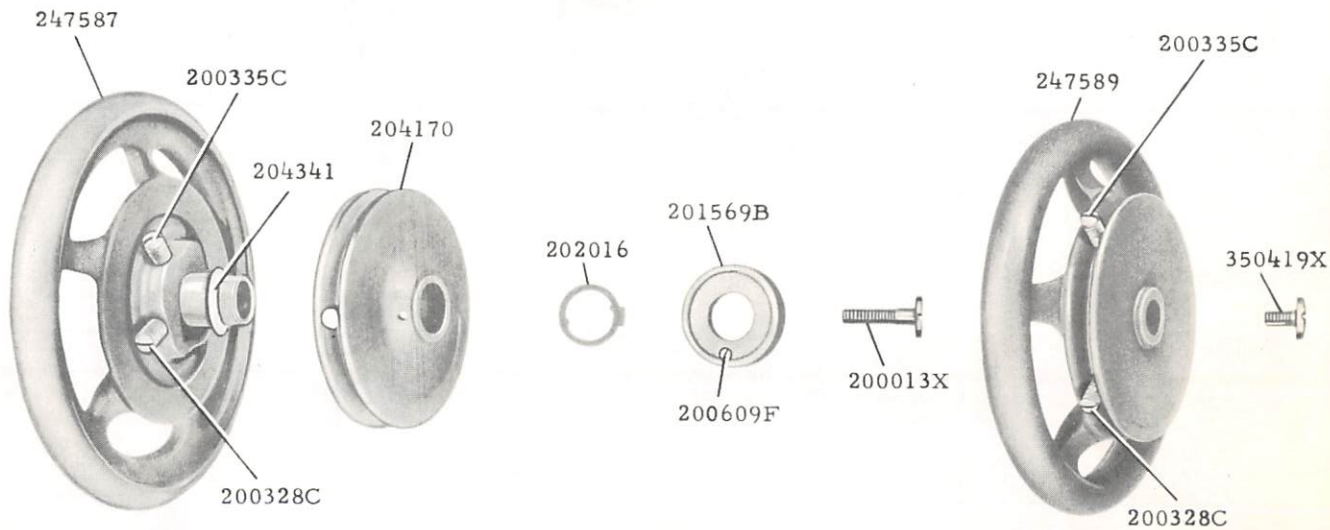






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