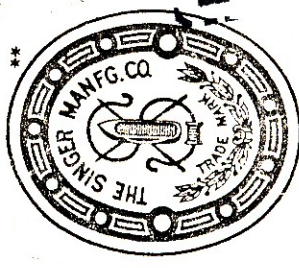
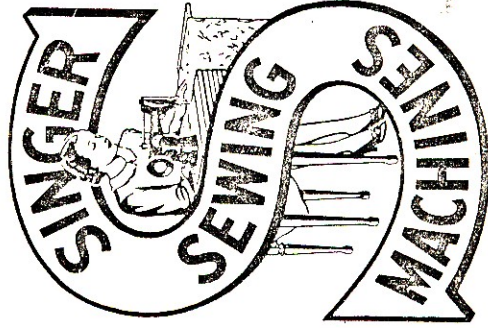


LIST OF PARTS



SINGER

MACHINE No. 253-201

THE SINGER MANUFACTURING COMPANY

INSTRUCTIONS FOR OILING

Before starting the machine, fill the oil reservoir in the base to the HIGH MARK with "TYPE A" or "TYPE C" OIL, sold by Singer Sewing Machine Company, as instructed in Form 20482.

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

The reservoir holds approximately 1½ pints.

When in operation, the oil level in the reservoir should be inspected at least twice a month or as often as is necessary to keep it from going below the LOW MARK in the reservoir. Refill to HIGH MARK with "TYPE A" or "TYPE C" 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 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
- A.A.—Buffed and Chromium Plated
- A.B.—Hardened, Polished, Buffed and Chromium Plated
- A.C.—Brown Baking Enamel Finish
- A.D.—Gray Baking Enamel Finish
- A.E.—Hardened, Bright Rumbled and Nickel Plated
- A.F.—Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- A.G.—Alumilite, Plain
- A.H.—Alumilite, Dyed
- A.J.—Polished, Nickel Plated and Chromium Plated
- A.K.—Hardened, Polished, Nickel Plated and Chromium Plated
- A.L.—Heat Treated for Toughness
- B.—Polished, Nickel Plated and Buffed
- C.—Hardened Only
- C.R.—Hardened and Merlized
- 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
- P.P.—Wrinkle Finish
- R.—Merlized
- S.—Cadmium Plated
- 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.L.—Copper and Brass Plated
- T.M.—Copper Plated and Oxidized

INSTRUCTIONS FOR ORDERING—Continued

- U.—Zinc Plated
- V.—Silver Plated
- W.—Polished and Nickel Plated
- X.—Black Oxide, for Iron and Steel
- X.C.—Hardened and Black Oxide, for Iron or Steel
- Y.—Black Nickel Plated Only
- Z.—Chromium Plated
- Z.A.—Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
- Z.B.—Polished, Nickel Plated, Buffed and Chromium Plated
- Z.C.—Hardened and Chromium Plated
- Z.D.—Polished and Chromium Plated
- Z.G.—Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- Z.J.—Nickel and Chromium Plated
- Z.T.—Copper 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:

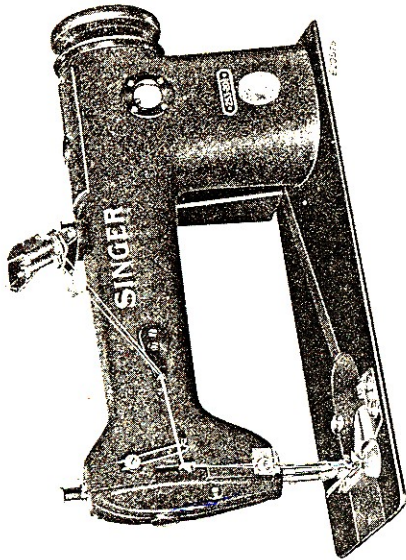
1 to 1500, 50001 to 51500 and 140001 to 142000 are Screw Numbers
 1501 to 1800 and 51501 to 51800 are Nut Numbers
 1801 to 2000 and 51801 to 52000 are Roller Numbers
 2001 to 50000 and 52001 to 140000 and 142001 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts.

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.

When ordering parts which differ as to Gauge (the distance between seams), the Gauge, as well as the Number, must be given on order.

LIST OF PARTS COMPLETE
FOR



MACHINE No. 253-201

FOR SEWING MEDIUM WEIGHT FABRICS. TWO NEEDLES,
TWO LOOPERS. DROP FEED. TWO-THREAD CHAIN STITCH.
ARM AT 11° ANGLE WITH BED. NEEDLE BAR STROKE 1-3/16
INCHES. GAUGES 3/32 INCH TO 1/2 INCH, IN STEPS OF
1/32 INCH. LENGTH OF STITCHES 6 TO 22 TO THE INCH.
SPEED 5500 R.P.M. DEPENDING ON MATERIAL USED AND
OPERATIONS PERFORMED.

No.	Plate	Name
*146501		Arm with Trade Mark and two Trade Mark Rivets.
		NOTE: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.
16532	25037	Arm Dowel Pin (2)
146552	25037	Arm Screw (front) (2)
146551	25037	Arm Screw Stud (back) (2)
146651	25036	Arm Shaft (horizontal) with Needle Bar Crank
146670		Arm Shaft (horizontal) 146651 with 146581
143008	25036	Arm Shaft (horizontal) Bushing (center)
140296AL	25036	Arm Shaft (horizontal) Bushing (center) Set Screw
146789	25036	Arm Shaft (horizontal) Flanged Bushing (back)
140296AL	25036	Arm Shaft (horizontal) Flanged Bushing (back) Set Screw
146790	25036	Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube with Holder
207E	25036	Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube Holder Screw
146672	25036	Arm Shaft (horizontal) Flanged Bushing (front)
140331AL	25036	Arm Shaft (horizontal) Flanged Bushing (front) Set Screw
144D	25036	Arm Shaft (horizontal) Screw (back)
140359E	25036	Arm Shaft (horizontal) Screw Plug (front)

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

No.	Plate	Name
143236	25036	Arm Shaft (horizontal) Screw Plug (front) Washer (fiber).....
146551	25036	Arm Shaft (upright).....
1259AL	25036	Arm Shaft (upright) Bevel Gear (lower) Set Screw (2).....
1259AL	25036	Arm Shaft (upright) Bevel Gear (upper) Set Screw (2).....
146505	25036	Arm Shaft (upright) Bushing (lower).....
140298AL	25036	Arm Shaft (upright) Bushing (lower) Set Screw.....
147111	25036	Arm Shaft (upright) Bushing (upper).....
140298AL	25036	Arm Shaft (upright) Bushing (upper) Set Screw.....
146829	25038	Arm Top Cover.....
146830	25038	Arm Top Cover with 140676X (for Agents only).....
NOTE: No. 146830 is used to prevent tampering with the stitch set.		
146506	25039	Arm Top Cover.....
146507	25039	Arm Top Cover with Stitch Regulator Plunger complete, Nos. 64519, 146506, 146509, 146510 and 146511.....
146508	25039	Arm Top Cover Gasket (cork).....
51369R	25039	Arm Top Cover Screw (4).....
146509	25039	Arm Top Cover Stitch Regulator Plunger.....
146510	25039	Arm Top Cover Stitch Regulator Plunger Cap.....
140676X	25038	Arm Top Cover Stitch Regulator Plunger Hole Plug Screw.....
64519	25039	Arm Top Cover Stitch Regulator Plunger Spring.....
146511	25039	Arm Top Cover Stitch Regulator Plunger Stop Ring.....
*146513	25039	Bed with two each 126150 and 140734E.....
NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.		
143024	25036	Bed Hole Plug.....
146514	25037	Bed Leg (back).....
965E	25037	Bed Leg (back) Screw (2).....
146877	25037	Bed Leg (front, long).....
145516	25040	Bed Rotary Shaft.....
146650	25040	Bed Rotary Shaft 146516 with 146558.....
1259AL	25040	Bed Rotary Shaft Bevel Gear Set Screw (2).....
146518	25040	Bed Rotary Shaft Bushing (back).....
50554AL	25040	Bed Rotary Shaft Bushing (front) Set Screw.....
146519	25040	Bed Rotary Shaft Bushing (front) Set Screw.....
50554AL	25040	Bed Rotary Shaft Bushing (intermediate) Set Screw.....
146520	25040	Bed Rotary Shaft Collar with 454AL.....
448AL	25040	Bed Rotary Shaft Collar Set Screw.....
64342	25040	Bed Slide (left).....
454AL	25041	Bed Slide (left) Spring.....
146521	25041	Bed Slide (left) Spring Screw (2).....
4307	25041	Bed Slide (left) complete, Nos. 4307, 146521 and two 725X.....
146522	25041	Bed Slide (left) complete, Nos. 4307, 146521 and two 725X.....

146006	25042	Bed Slide (right, button type) for 146007.....
146523	25058	Bed Slide (right, button type) for 146526.....
146834	25055	Bed Slide (right, button type) for 146835.....
146848	25054	Bed Slide (right, button type) for 146846.....
146849	25067	Bed Slide (right, button type) for 146847.....
146061	25042	Bed Slide (right, latch type) for 146062.....
146687	25042	Bed Slide (right, latch type) for 146692.....
146722	25042	Bed Slide (right, latch type) for 146723.....
146820	25042	Bed Slide (right, latch type) for 146821.....
146827	25042	Bed Slide (right, latch type) for 146828.....
146007	25042	Bed Slide (right, button type) complete for Throat Plates with no off-set, Nos. 1423X, 146006, 146524, 146525 and two 240C.....
146526	25056	Bed Slide (right, button type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and two 240C.....
146835	25061	Bed Slide (right, button type) complete for Throat Plates with 3/32 in. off-set, Nos. 1423X, 146524, 146525, 146834 and two 240C.....

No.	Plate	Name
146846	25054	Bed Slide (right, button type) complete for Throat Plates with 9/64 in. off-set, Nos. 1423X, 146524, 146525, 146848 and two 240C.....
146847	25067	Bed Slide (right, button type) complete for Throat Plates with 3/16 in. off-set, Nos. 1423X, 146524, 146525, 146849 and two 240C.....
146062	25042	Bed Slide (right, latch type) complete for Throat Plates with no off-set, Nos. 146061, 146688, 146689, 146690, 146691 and four 1470X.....
146692	25057	Bed Slide (right, latch type) complete for Throat Plates with 3/64 in. off-set, Nos. 146687, 146688, 146689, 146690, 146691 and four 1470X.....
146828	-----	Bed Slide (right, latch type) complete for Throat Plates with 3/32 in. off-set, Nos. 146688, 146689, 146690, 146691, 146827 and four 1470X.....
146723	-----	Bed Slide (right, latch type) complete for Throat Plates with 9/64 in. off-set, Nos. 146688, 146689, 146690, 146691, 146722 and four 1470X.....
146821	-----	Bed Slide (right, latch type) complete for Throat Plates with 3/16 in. off-set, Nos. 146688, 146689, 146690, 146691, 146820 and four 1470X.....
146525	25054	Bed Slide (right) Knob.....
146688	25042	Bed Slide (right) Latch.....
146689	25042	Bed Slide (right) Latch Guide.....
1470X	25042	Bed Slide (right) Latch Guide Screw (2).....
146690	25042	Bed Slide (right) Latch Spring.....
146691	25042	Bed Slide (right) Spring.....
146524	25042	Bed Slide (right) Spring Screw.....
1423X	25042	Bed Slide (right) Spring Screw (2).....
1470X	25042	Bed Slide (right) Spring Screw (2).....
240C	25042	Bed Slide (right) Spring Stop Screw (2).....
146652	-----	Combination of Feed and Stitch Regulator Parts, Nos. 143087, 143134, 143293, 146537, 146545, 146775 and 146852.....
143293	-----	Dummy Shaft for 146652.....
146528	25041	Face Plate.....
146529	25041	Face Plate Gasket.....
140061J	25041	Face Plate Screw (lower) (3).....
140050J	25041	Face Plate Screw (upper).....
146530	25043	Feed Bar with 1607X and 140695X.....
893C	25043	Feed Bar Screw Center (left).....
152C	25043	Feed Bar Screw Center (left) Clamping Screw.....
313C	25043	Feed Bar Screw Center (right).....
56813	-----	Feed Bar Screw Center (right) 313C with 1519J.....
1519J	25043	Feed Bar Screw Center (right) Nut.....
143031	25043	Feed Bar Screw Center Oil Wick.....
143032	25043	Feed Bar Screw Center Oil Wick Holder.....
143033	25043	Feed Bar Screw Center Oil Wick Holder 143032 with 143031.....
228E	25043	Feed Bar Screw Center Oil Wick Holder Screw (2).....
131032	25057	Feed Dog, 17 teeth (16 teeth to the inch) for lap seam felling, plain sewing and French seaming, for 3/32 in. -1/8 in., 5/32 in., -3/16 in. and 7/32 in. -1/4 in. gauges, for 146763 and 146803.....
146854	25056	NOTE: When ordering No. 131032, state gauge required. Feed Dog with row of teeth between needles, 17 Teeth (14 teeth to the inch) for piecing and goring, for 1/8 in. and 5/32 in. gauges, for 146855.....
146856	25055	NOTE: When ordering No. 146854, state gauge required. Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for sleeving and straight run lap seam felling, for 3/16 in., 7/32 in., -1/4 in., 9/32 in. -5/16 in. and 11/32 in. -3/8 in. gauges, for 146860.....
NOTE: When ordering No. 146856, state gauge required.		

No.	Plate	Name
146823	25034	Feed Dog, 16 teeth (14 teeth to the inch) for French sewing for 7/16 in. and 1/2 in. gauges, for 146826.
NOTE: When ordering No. 146823, state gauge required.		
157J	25034	Feed Dog Screw
140695X	25043	Feed Dog Stop Screw
1607X	25043	Feed Dog Stop Screw Nut
147125	25036	Feed Eccentric
146852	25036	Feed Eccentric 147125 with Feed Eccentric Body
1036AL	25036	Feed Eccentric Body Set Screw (3)
140566AL	25036	Feed Eccentric Stop Screw (6 stitch)
NOTE: No. 140566 is regularly furnished with this Machine.		
140256AL	25036	Feed Eccentric Stop Screw (7 stitch)
140568AL	25036	Feed Eccentric Stop Screw (8 stitch)
140258AL	25036	Feed Eccentric Stop Screw (14 stitch)
140333AL	25036	Feed Lifting Eccentric and Arm Shaft (horizontal)
Bevel Gear Position Screw		
1259AL	25036	Feed Lifting Eccentric and Arm Shaft (horizontal)
Bevel Gear Set Screw (2)		
146534	25043	Feed Lifting Rock Shaft
146536		Feed Lifting Rock Shaft 146534 with 146541 (for Agents only)
143039	25043	Feed Lifting Rock Shaft Cap
223E	25043	Feed Lifting Rock Shaft Cap Screw (2)
146537	25036	Feed Lifting Rock Shaft Connecting Rod
140230C	25036	Feed Lifting Rock Shaft Connecting Rod Hinge Screw
1518J	25036	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut
146538		Feed Lifting Rock Shaft Crank with 50579J and 146540 (for Agents only)
157J	25043	Feed Lifting Rock Shaft Crank Clamping Screw
52267	25043	Feed Lifting Rock Shaft Crank Slide Block with Stud
143042	25043	Feed Lifting Rock Shaft Crank Slide Block Oil Wick
146539	25043	Feed Lifting Rock Shaft Crank Slide Block Oil Wick Holder
146540		Feed Lifting Rock Shaft Crank Slide Block Oil Wick Holder 146539 with 143042
50579J	25043	Feed Lifting Rock Shaft Crank Slide Block Oil Wick Holder Screw
50191C	25043	Feed Lifting Rock Shaft Screw Center (left)
52097		Feed Lifting Rock Shaft Screw Center (left) 50191C with 1513J
140488C	25043	Feed Lifting Rock Shaft Screw Center (right)
146662		Feed Lifting Rock Shaft Screw Center (right) 140488C with 1513J
146541	25043	Feed Lifting Rock Shaft Screw Center Front Oil Wick
1513J	25043	Feed Lifting Rock Shaft Screw Center Nut (2)
146542	25043	Feed Rock Shaft with 152C
146543		Feed Rock Shaft complete, Nos. 143050 and 146542
146544		Feed Rock Shaft 146543 with 146546 (for Agents only)
143048	25043	Feed Rock Shaft Cap
223E	25043	Feed Rock Shaft Cap Screw (2)
146545	25036	Feed Rock Shaft Connecting Rod
140230C	25036	Feed Rock Shaft Connecting Rod Hinge Screw
1518J	25036	Feed Rock Shaft Connecting Rod Hinge Screw Nut
143050	25043	Feed Rock Shaft Crank with 157R
157R	25043	Feed Rock Shaft Crank Clamping Screw
50191C	25043	Feed Rock Shaft Screw Center (left)
52097		Feed Rock Shaft Screw Center (left) 50191C with 1513J
1513J	25043	Feed Rock Shaft Screw Center (left) Nut
140278C	25043	Feed Rock Shaft Screw Center (right)
143138		Feed Rock Shaft Screw Center (right) 140278C with 1513J
1513J	25043	Feed Rock Shaft Screw Center (right) Nut
146546	25043	Feed Rock Shaft Screw Center Front Oil Wick
143052	25043	Feed Rock Shaft Screw Center Front Oil Wick Holder

No.	Plate	Name
146547	25043	Feed Rock Shaft Screw Center Front Oil Wick Holder 143052 with 146541 and 146546
197E	25043	Feed Rock Shaft Screw Center Front Oil Wick Holder Screw
146548	25044	Looper (back) closed eye
NOTE: When ordering No. 146548, state gauge required.		
1253AL	25044	Looper (back) Set Screw
146549	25044	Looper (front) closed eye
NOTE: When ordering No. 146549, state gauge required.		
1253AL	25044	Looper (front) Set Screw
146550	25040	Looper Avoiding Eccentric with two 1259AL
146553	25040	Looper Avoiding Eccentric Connection (forked) with two 896AL
896AL	25040	Looper Avoiding Eccentric Connection Clamping Screw (2)
1259AL	25040	Looper Avoiding Eccentric Set Screw (2)
146554	25040	Looper Avoiding Eccentric Slide Block
146556	25040	Looper Ball Crank
146987	25044	Looper Ball Crank Arm with 51320AL
146923	25044	Looper Ball Crank Arm 146987 with 1520J, 128551 and 146919
51320AL	25044	Looper Ball Crank Arm Clamping Screw
132790	25040	Looper Ball Crank Connection Ball Sleeve (two pieces)
164232	25040	Looper Ball Crank Connection Ball Sleeve Guide
146557	25040	Looper Ball Crank Connection Nos. two each 896AL, 51715AL, 131927 and 131928
146558		Looper Ball Crank Connection 146557 with 132790, 146556 and 164232
896AL	25040	Looper Ball Crank Connection Cap (lower) Screw (2)
131927	25040	Looper Ball Crank Connection Cap (upper) Screw Stud (2)
51715AL	25040	Looper Ball Crank Connection Cap (upper) Screw Stud (2)
131928	25040	Looper Ball Crank Connection Cap (upper) Screw Stud Nut Lock Washer (2)
146559	25040	Looper Ball Crank Hinge Pin
448AL	25040	Looper Ball Crank Hinge Pin Set Screw (2)
146948	25044	Looper Ball Crank Pitman Ball Screw Stud (right)
1520J	25044	Looper Ball Crank Pitman Ball Screw Stud (right) Nut
128551	25044	Looper Ball Crank Pitman Ball Screw Stud (right) Nut Locking Plate
175E	25044	Looper Ball Crank Pitman End Bearing (left) Cap Screw (2)
1664J	25044	Looper Ball Crank Pitman End Bearing (left) Nut
175E	25044	Looper Ball Crank Pitman End Bearing (right) Cap Screw (2)
146919		Looper Ball Crank Pitman Head (right) with 146948
146936	25044	Looper Ball Crank Pitman Rod
146937	25044	Looper Ball Crank Pitman Rod 146936 with 51769C
146938	25044	Looper Ball Crank Pitman Rod with Throw-out Device complete, Nos. 22043, 50169J, 146732, 146733, 146754, 146904, 146937 and two 51159J
51769C	25044	Looper Ball Crank Pitman Rod Nut
146565	25044	Looper Holder with 896AL and two 1253AL
146739	25044	Looper Holder 146565 with 1664J and 146567
146567	25044	Looper Holder Bushing (eccentric) with 146647
146647	25044	Looper Holder Bushing Pin
896AL	25044	Looper Holder Clamping Screw
146568	25040	Looper Holder Hinge Pin
146569	25040	Looper Holder Rock Shaft with 140439E
*146570	25040	Looper Holder Rock Shaft Bracket
NOTE: Due to the accuracy required for Looper Rock Shaft alignment, Looper Holder Rock Shaft Bracket cannot be supplied separately and can only be sent out as a unit, Arm, Bed and Looper Holder Rock Shaft Bracket assembled.		
143126		Looper Rolder Rock Shaft Bracket Oil Pipe Clamping Sleeve Adaptor
231E		Looper Holder Rock Shaft Bracket Oil Plug Screw

No.	Plate	Name
140734E	25037	Looper Holder Rock Shaft Bracket Screw (2)
126150	25040	Looper Holder Rock Shaft Bracket Screw Washer (2)
146571	25040	Looper Holder Rock Shaft Bushing (back)
448AL	25040	Looper Holder Rock Shaft Bushing (back) Set Screw
146572	25040	Looper Holder Rock Shaft Bushing (front)
448AL	25040	Looper Holder Rock Shaft Bushing (front) Set Screw
140439E	25040	Looper Holder Rock Shaft Oil Plug Screw
146732	25044	Looper Throw-out Retainer
146733	25044	Looper Throw-out Release Cap
51159J	25044	Looper Throw-out Release Cap Screw (2)
146754	25044	Looper Throw-out Sleeve
146904	25044	Looper Throw-out Spring
50169J	25044	Looper Throw-out Spring Screw
29043	25044	Looper Throw-out Device and Pitman Rod complete,
146924		Nos. 1520J, 12855J, 146919 and 146938 (for Agents only)
146512	25038	Machine Pulley (disc, power) "V" belt groove (outside diameter of belt groove 2.9 in.) with two 51283AL
51283AL	25038	Machine Pulley Set Screw (2)
146573	25045	Needle Bar (hollow)
146574		Needle Bar complete, Nos. 146573 and 146587
146575	25045	When ordering No. 146574, state gauge required.
1133E	25045	Needle Bar Bushing (lower)
146576	25045	Needle Bar Bushing (lower) Set Screw
1133E	25045	Needle Bar Bushing (upper)
140440J	25045	Needle Bar Bushing (upper) Set Screw
146804	25045	Needle Bar Bushing (upper) Oil Plug Screw
146805	25045	Needle Bar Bushing (lower and upper) Oil Wick
146703	25045	Needle Bar Bushing (lower and upper) Oil Wick complete, Nos. 146703, 146804 and two 146580
146580	25045	Needle Bar Bushing (lower and upper) Oil Wick Clamp and Retainer
146724	25045	Needle Bar Bushing (lower and upper) Oil Wick Clip (2)
146581		Needle Bar Connecting Link
146582	25036	Needle Bar Connecting Link 146724 with 146582 and 146725
140552AL	25036	Needle Bar Connecting Link Hinge Stud
1036AL	25036	Needle Bar Connecting Link Hinge Stud Clamping Screw
146725	25045	Needle Bar Connecting Link Hinge Stud Position Set Screw
175E	25045	Needle Bar Connecting Stud with 175E
139110	25045	Needle Bar Connecting Stud Clamping Screw
139111	25045	Needle Bar Connecting Stud Oil Pad (wick)
140542AL	25036	Needle Bar Connecting Stud Slide Block
146665	25047	Needle Bar Crank Position Screw
146666	25047	Needle Bar Thread Retainer (lower)
50163XC	25047	Needle Bar Thread Retainer (upper)
54865	25047	Needle Bar Thread Retainer Screw (2)
146585	25047	Needle Bar Thread Retainer Screw Washer (2)
146586	25047	Needle Bar Thread Retainer Bracket
402J	25047	Needle Bar Thread Retainer Bracket complete, Nos. 10107, 140546C, 146585, 146665, 146666 and two each 42483, 50163XC and 54865
42483	25047	Needle Bar Thread Retainer Bracket Screw
140546C	25047	Needle Bar Thread Retainer Disc (2)
10107	25047	Needle Bar Thread Retainer Screw
146587	25045	Needle Bar Thread Retainer Spring
146588	25042	Needle Clamp with two 1498F
146588	25042	When ordering No. 146587, state gauge required.
146644	25042	Needle Guard, for 3/32 in. to 5/32 in. gauges
	25042	When ordering No. 146588, state gauge required.
	25042	Needle Guard, for 3/16 in. to 9/32 in. gauges
		NOTE: When ordering No. 146644, state gauge required.

No.	Plate	Name
146645	25042	Needle Guard, for 5/16 in. to 3/8 in. gauges
146845	25042	NOTE: When ordering No. 146645, state gauge required.
146742	25042	Needle Guard, for 7/16 in. and 1/2 in. gauges
146743	25042	NOTE: When ordering No. 146845, state gauge required.
190J	25042	Needle Guard Holder
190J	25042	Needle Guard Holder Bracket
1498F	25042	Needle Guard Holder Bracket Screw
146591	25046	Needle Guard Holder Screw
143061	25046	Needle Guard Screw
143062	25046	Needle Set Screw (2)
143063	25046	Oil Flow Body
50257J	25046	Oil Flow Body Gasket (2)
143370	25046	Oil Flow Window
51369E	25046	Oil Flow Window Cap
146593	25046	Oil Flow Window Cap Screw (4)
146594	25010	Oil Lead
146595	25010	Oil Lead Screw
146596	25010	Oil Pipe, for 146597
143065	25046	Oil Pipe with two each 143124 and 143125 for oiling
143066	25046	Bed Rotary Shaft Intermediate Bearing
146597	25046	Oil Pipe with two each 143124 and 143125 for oiling
143124	25010	Looper Rock Shaft Hinge Pin
143125	25010	Thread (under) Take-up Shaft Front Bearing
143126	25046	Oil Pipe Clamping Sleeve for 146597
146659	25046	Oil Pipe Clamping Sleeve Nut for 146597
146660	25046	Oil Pipe complete, from Oil Pump to Arm Shaft (horizontal) Center Bearing, Nos. 143065, 143066 and 146593 (for Agents only)
143071	25046	Oil Pipe Clamping Sleeve (6)
157E	25046	Oil Pipe Clamping Sleeve Nut (6)
146600	25046	Oil Pipe Clamping Sleeve Adaptor for 146660 (3)
143073	25046	Oil Pump Clamping Sleeve Adaptor (fastened to Rod) (2)
50123E	25036	Oil Pump (centrifugal) Body
146657	25046	Oil Pump (centrifugal) Body 146659 with three 143126
146658	25046	Oil Pump (centrifugal) Body Position Pin (2)
189E	25046	Oil Pump (centrifugal) Body Screw (3)
146744	25037	Oil Pump (centrifugal) Cover
146745	25037	Oil Pump (centrifugal) Impeller
146746	25037	Oil Pump (centrifugal) Impeller Locking Screw
140553E	25037	Oil Pump (centrifugal) Screen
146700	25037	Oil Pump (centrifugal) Screen Frame
228E	25037	Oil Pump (centrifugal) Screen Frame Screw (3)
146698	25037	Oil Removing Wick (head end) Holder Body
146696	25037	Oil Removing Wick (head end) Holder Body 146745 with 146698 and 146744 (for Agents only)
146697	25037	Oil Removing Wick (head end) Holder Body Hinge Screw
1364X	25037	Oil Removing Wick (head end) Holder Body Hinge Screw Spring Clip
146747	25037	Oil Removing Wick (head end) Holder Body Stop and Spring Clip Screw
146604	25040	Oil Removing Wick (head end) Holder Body Spring
		Oil Removing Wick (head end) Hinge Plate and Cover Gasket
		Oil Removing Wick (head end) Hinge Plate and Cover Screw (3)
		Oil Removing Wick (head end) Holder Body complete, Nos. 228E, 140553E, 146696, 146698, 146700, 146744 and 146745
		Oil Wick for oiling Looper Ball Crank Pitman End Bearing (left)

No.	Name	Plate
146605	Oil Wick Holder	25040
146605	Oil Wick Holder Tube Bracket Screw	25040
193E	Oil Wick Position Bracket with 140239AL	25040
146606	Oil Wick Position Bracket Screw	25040
140239AL	Presser Bar	25045
139462	Presser Bar Bushing (lower)	25045
146751	Presser Bar Bushing (lower) Set Screw	25045
111133E	Presser Bar Guide Bracket with 1057AL	25045
146694	Presser Bar Guide Bracket Clamping Screw	25045
1057AL	Presser Bar Lifting Bracket Lifter	25049
146676	Presser Bar Lifting Bracket Lifter Hinge Screw	25049
807X	Presser Bar Lifting Lever	25049
146608	Presser Bar Lifting Lever Extension	25049
146609	Presser Bar Lifting Lever Extension Screw (2)	25049
161X	Presser Bar Lifting Lever Hinge Screw	25049
802X	Presser Bar Lifting Lever Spring	25049
146610	Presser Bar Spring	25049
146611	Presser Bar Spring Guide Pin	25045
146612	Presser Bar Stop with 190J	25045
146752	Presser Bar Stop Clamping Screw	25045
190J	Presser Foot Plate	25058
146729	Presser Foot Plate Hinge Pin	25058
26276	Presser Foot Shank	25058
146712	Presser Foot (hinged) complete for Lap Seam Felling,	25058
146713	for 3/32 in. to 1/2 in. gauges, Nos. 26276, 146712 and 146729	

NOTE: When ordering No. 146713, state gauge required.

146837	Presser Foot Plate	25056
26276	Presser Foot Plate Hinge Pin	25056
910AL	Presser Foot Plate Hinge Pin Set Screw	25056
1695J	Presser Foot Plate Hinge Pin Set Screw Nut	25056
146838	Presser Foot Shank with 910AL and 1695J	25056
146839	Presser Foot (hinged) complete for Picing or Goring,	25056
	for 1/8 in. and 5/32 in. gauges, Nos. 26276, 146837 and 146838	

NOTE: When ordering No. 146839, state gauge required.

146761	Presser Foot Plate	25057
26276	Presser Foot Plate Hinge Pin	25057
146712	Presser Foot Shank	25057
146762	Presser Foot (hinged) complete for plain sewing and French seaming, for 3/32 in. to 3/8 in. gauges Nos. 26276, 146712 and 146761	25057

NOTE: When ordering No. 146762, state gauge required.

146862	Presser Foot Plate	25055
146851	Presser Foot Plate Connection	25055
26276	Presser Foot Plate Connection Hinge Pin	25055
37160	Presser Foot Plate Connection Spring	25055
26276	Presser Foot Plate Hinge Pin	25055
146850	Presser Foot Shank	25055
146858	Presser Foot Yielding Heel	25055
26276	Presser Foot Yielding Heel Hinge Pin	25055
146859	Presser Foot (triple hinged) complete for sleeving and straight run lap seam felling for 3/32 in. to 3/8 in. gauges, Nos. 37160, 146850, 146851, 146858, 146862 and three 26276	25055

NOTE: When ordering No. 146859, state gauge required.

146824	Presser Foot Plate	25054
26276	Presser Foot Plate Hinge Pin	25054
910AL	Presser Foot Plate Hinge Pin Set Screw	25054
1695J	Presser Foot Plate Hinge Pin Set Screw Nut	25054
146838	Presser Foot Shank with 910AL and 1695J	25054
146825	Presser Foot (hinged) complete for French seaming for 7/16 in. and 1/2 in. gauges, Nos. 26276, 146824 and 146838	25054

NOTE: When ordering No. 146825, state gauge required.

No.	Name	Plate
190J	Presser Foot Screw	25045
140441W	Pressure Regulating Thumb Screw	25045
51614W	Pressure Regulating Thumb Screw Nut	25045
146616	Set of Mated Gears for Lower Shaft consisting of Arm Shaft (upright) Bevel Gear (lower) and Bed Rotary Shaft Bevel Gear	25069
146775	Set of Mated Gears for Upper Shaft consisting of Arm Shaft (upright) Bevel Gear (upper) and Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear	25069
146617	Slack Thread Controller	25050
54242	Slack Thread Controller Clamp	25050
176J	Slack Thread Controller Clamp Screw	25050
140239J	Slack Thread Controller Position Screw	25050
143085	Stitch Regulator	25036
143134	Stitch Regulator 143085 with 140549E, 143086 and 143378	
143086	Stitch Regulator Locking Slide	25036
143087	Stitch Regulator Locking Slide Ratchet Wheel	25036
143088	Stitch Regulator Locking Slide Ratchet Wheel Pin	
25036	Stitch Regulator Locking Slide Spring	
140549E	Stitch Regulator Locking Slide Spring Screw	25036
2102	Tension (looper thread) Disc (4)	25048
51570C	Tension (looper thread) Regulating Thumb Nut (2)	25048
140442C	Tension (looper thread) Screw Stud (2)	25048
146618	Tension (looper thread) Screw Stud 140442C with 51570C (2)	
131741	Tension (looper thread) Spring (2)	25048
59537	Tension (looper thread) Spring Bushing (large) (2)	25048
59538	Tension (looper thread) Spring Bushing (small) (2)	25048
146619	Tension (looper thread) Thread Guard	25048
131696	Tension (looper thread) Thread Guide (2)	25048
54070	Tension (needle thread) Bracket	25049
140443J	Tension (needle thread) Bracket Screw	25049
2102	Tension (needle thread) Disc (4)	25049
51570C	Tension (needle thread) Regulating Thumb Nut (2)	25049
32572	Tension (needle thread) Releasing Pin (2)	25049
54988	Tension (needle thread) Releasing Pin (2)	25049
54071	Tension (needle thread) Releasing Shaft	25049
54872	Tension (needle thread) Releasing Shaft Crank with 624AL	25049
146620	Tension (needle thread) Releasing Shaft Crank Connecting Link	25049
110C	Tension (needle thread) Releasing Shaft Crank Connecting Link Hinge Screw (2)	25049
624AL	Tension (needle thread) Releasing Shaft Crank Set Screw	25049
316C	Tension (needle thread) Releasing Shaft Stop Screw	25049
1547J	Tension (needle thread) Releasing Shaft Stop Screw Nut	25049
50326C	Tension (needle thread) Screw Stud (2)	25049
59539	Tension (needle thread) Screw Stud 50326C with 51570C (2)	
131741	Tension (needle thread) Spring (2)	25049
59537	Tension (needle thread) Spring Bushing (large) (2)	25049
59538	Tension (needle thread) Spring Bushing (small) (2)	25049
131696	Tension (needle thread) Thread Guide (2)	25049
146795	Thread (looper) Uncurler (2)	25048
146621	Thread (looper) Take-up with 465AL	25040
1029J	Thread (looper) Take-up Screw	25040
465AL	Thread (looper) Take-up Set Screw	25040
146622	Thread (looper) Take-up Screw Washer (fiber)	25040
146623	Thread (looper) Take-up Stripper	25047
146624	Thread (looper) Take-up Stripper Holder with 906AL	25047
146625	Thread (looper) Take-up Stripper Plate 146625 with 237J, 139148, 146623, 146624, 146626, 146628 and two 190J	25047

PARTS FOR MACHINE NO. 253-201

No.	Plate	Name
237J	25047	Thread (looper) Take-up Stripper Plate Screw
146626	25047	Thread (looper) Take-up Stripper Plate Support Plate (2)
NOTE: One No. 146626 is screwed onto Machine Bed.		
190X	25047	Thread (looper) Take-up Stripper Plate Support Plate Screw (4)
906AL	25047	Thread (looper) Take-up Stripper Set Screw
139148	25047	Thread (looper) Take-up Stripper Staple
190J	25047	Thread (looper) Take-up Stripper Staple Screw (2)
146627	25047	Thread (looper) Take-up Thread Guide (left)
237J	25047	Thread (looper) Take-up Thread Guide (right)
146628	25047	Thread (looper) Take-up Thread Guide (right) Screw
237J	25047	Thread (looper) Take-up Thread Guide (right) Screw
146631	25048	Thread (looper) Thread Tube
1628X	25048	Thread (looper) Thread Tube Screw Stud Nut
146671	25048	Thread (looper) Thread Tube Screw Stud Nut Washer
146632	25048	Thread (looper) Thread Tube Thread Guide
50027J	25048	Thread (looper) Thread Tube Thread Guide Screw
139158	25050	Thread (looper) Thread Guide (left)
229J	25050	Thread (looper) Thread Guide (left) Screw (2)
139158	25050	Thread (looper) Thread Guide (right)
229J	25050	Thread (looper) Thread Guide (right) Screw (2)
146629	25050	Thread (needle) Thread Guide Bracket
140443J	25050	Thread (needle) Thread Guide Bracket Screw
146630	25050	Thread (needle) Thread Guide Bracket Support
217J	25050	Thread (needle) Thread Guide Bracket Support (lower) Screw
237J	25050	Thread (needle) Thread Guide Bracket Support (upper) Screw
146633	25050	Thread (needle) Eyelet (side of arm)
176J	25050	Thread (needle) Eyelet (side of arm) Position Screw
7071	25050	Thread (needle) Eyelet (side of arm) Position Screw Washer
724J	25050	Thread (needle) Eyelet (side of arm) Screw
146634	25045	Thread (needle) Take-up with 51460E
51460E	25045	Thread (needle) Take-up Clamping Screw
54095	25045	Thread (needle) Take-up Plate
68164	25045	Thread (needle) Take-up Spring
1449J	25045	Thread (needle) Take-up Spring Screw
146635	25045	Thread (needle) Take-up complete, Nos. 1449J, 54095, 68164 and 146634
146763	25058	Throat Plate for Lap Seam Felling for 3/32 in. to 1/4 in. gauges for 131032
NOTE: When ordering No. 146763, state gauge required.		
146803	25057	Throat Plate for plain sewing and French seaming for 3/32 in. to 3/8 in. gauges for 131032
NOTE: When ordering No. 146803, state gauge required.		
146855	25056	Throat Plate for Piecing or Goring, for 1/8 in. and 5/32 in. gauges, for 146854
NOTE: When ordering No. 146855, state gauge required.		
146860	25055	Throat Plate for sleeving and straight run lap seam felling for 3/16 in., 7/32 in.-1/4 in., 9/32 in.-5/16 in. and 11/32 in.-3/8 in. gauges, for 146856
NOTE: When ordering No. 146860, state gauge required.		
146826	25054	Throat Plate for French seaming for 7/16 in. and 1/2 in. gauges, for 146823
NOTE: When ordering No. 146826, state gauge required.		
691F	25054	Throat Plate Screw (2)

ACCESSORIES

No.	Plate	Name
146637	25015	Machine Base and Oil Reservoir
146638	25015	Machine Base and Oil Reservoir, 146637 with 146639, 146693, 146695 and two 146640 (for Agents only)
146639	25015	Machine Base and Oil Reservoir Gasket (felt)
146693	25015	Machine Base and Oil Reservoir Oil Return Wick
146695	25015	Machine Base and Oil Reservoir Oil Return Wick Position Pad (felt)
143308	25016	Machine Cushion (felt) (4)
12361	25016	Machine Hinge Connection (2)
146640	25015	Machine Pad (felt) (2)
41400	25016	Machine Rest Pin (wood)
120344	25016	Oilier with 120345
120345	25016	Oilier Spout
121741	25016	One Quart Can of Light Grade Stainless Oil
120440	25016	Screw Driver
121108	25016	Screw Driver
120341	25016	Tweezers (curved)
8908	25016	Wrench
23535	25016	Wrench
42850	25016	Wrench
146057	25016	Wrench (socket) for 140552
150855	25016	Wrench (socket)

EDGE FOLDERS ON SHANK

No.	Plate	Name
161084	25054	Edge Guide with Adjustable Edge Folder on Shank, for 1/4 in. to 1/2 in. needle gauge
NOTE: When ordering No. 161084, state needle gauge required.		
161092	25063	Edge Folder with Adjustable Edge Guide on Shank for 3/16 in. to 1/2 in. needle gauge
NOTE: When ordering No. 161092, state needle gauge required.		

HEMMER ON SHANK

No.	Plate	Name
161090	25065	Hemmer on Shank (turn down) for 5/16 in. to 5/8 in. hem in steps of 1/16 in. for hemming overall pockets
NOTE: When ordering No. 161090, state size of hem and furnish sample material or furnish finished sample and sample material.		

FACE PLATE THREAD LUBRICATOR

No.	Plate	Name
241755	25051	Thread Lubricator Oil Pad (felt)
146806	25051	Thread Lubricator Oil Pad Holder
146807	25051	Thread Lubricator Oil Pad Holder 146806 with 62827, 240439 and 241755
240439	25051	Thread Lubricator Oil Pad Retainer
17822	25051	Thread Lubricator Oil Reservoir Rivet
8068	25051	Thread Lubricator Oil Reservoir Rivet Washer (inside)
124371	25051	Thread Lubricator Oil Reservoir Rivet Washer (outside)
62827	25051	Thread Lubricator Oil Wick
146808	25051	Thread Lubricator complete, Nos. 8068, 17822, 124371 and 146807
146809	25051	Thread Lubricator 146808 with 7071, 21202, 50222J, 140224J and 146810
146810	25051	Thread Lubricator Adaptor
140224J	25051	Thread Lubricator Adaptor Screw
7071	25051	Thread Lubricator Adaptor Screw Washer
50222J	25051	Thread Lubricator Screw
21202	25051	Thread Lubricator Screw Washer

FITTINGS

FOR LAP SEAM FELLING, FOR 3/32 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
146523	25059	Bed Slide (right)
146525	25059	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146526	25059	Bed Slide (right, button-type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and two 240C.
146531	25059	Feed Dog, 15 teeth (14 teeth to the inch) for 146636
	NOTE:	When ordering No. 146531, state gauge required.
160587	25059	Lap Seam Feller (adjustable) on Shank, for light, medium, and medium heavy over medium and medium heavy over heavyweight material
	NOTE:	When ordering No. 160587, needle gauge of Machine and weight of material must be stated.
160619	25059	Lap Seam Feller (adjustable) on Shank for light, medium and medium heavy over medium weight material
	NOTE:	When ordering No. 160619, needle gauge of Machine and weight of material must be stated.
160622	25059	Lap Seam Feller on Shank with Yielding (lower) scroll for medium heavy and heavy weight material
	NOTE:	When ordering No. 160622, needle gauge of Machine and weight of material must be stated.
121449	25059	Lap Seam Feller Clamping Plate
1423J	25059	Lap Seam Feller Clamping Plate Screw (2)
139135	25059	Presser Foot Plate
26276	25059	Presser Foot Plate Hinge Pin
146850	25059	Presser Foot Shank
139134	25059	Presser Foot Yielding Heel
146851	25059	Presser Foot Yielding Heel Connection
26276	25059	Presser Foot Yielding Heel Connection Hinge Pin
37160	25059	Presser Foot Yielding Heel Connection Spring
26276	25059	Presser Foot Yielding Heel Hinge Pin
146615	25059	Presser Foot (triple hinged) complete for 3/32 in. to 5/16 in. gauges, Nos. 37160, 139134, 139135, 146850, 146851 and three 26276
	NOTE:	When ordering No. 146615, state gauge required.
139490	25059	Presser Foot Plate
26276	25059	Presser Foot Plate Hinge Pin
146850	25059	Presser Foot Shank
139489	25059	Presser Foot Yielding Heel
146851	25059	Presser Foot Yielding Heel Connection
26276	25059	Presser Foot Yielding Heel Connection Hinge Pin
37160	25059	Presser Foot Yielding Heel Connection Spring
26276	25059	Presser Foot Yielding Heel Hinge Pin
146753	25059	Presser Foot (triple hinged) complete for 11/32 in. and 3/8 in. gauges, Nos. 37160, 139489, 139490, 146850, 146851 and three 26276
	NOTE:	When ordering No. 146753, state gauge required.
146636	25059	Throat Plate for 3/32 in. to 3/8 in. gauges for 146531
	NOTE:	When ordering No. 146636, state gauge required.

FITTINGS

FOR LAP SEAM FELLING, FOR 3/32 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
146523	25060	Bed Slide (right)
146525	25060	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146526	25060	Bed Slide (right, button-type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and two 240C.
146772	25060	Feed Dog, 15 teeth (14 teeth to the inch) for 146773
	NOTE:	When ordering No. 146772, state gauge required.
160587	25060	Lap Seam Feller (adjustable) on Shank for light, medium, and medium heavy over medium and medium heavy over heavyweight material
	NOTE:	When ordering No. 160587, needle gauge of Machine and weight of material must be stated.
160619	25060	Lap Seam Feller (adjustable) on Shank for light, medium and medium heavy over medium weight material
	NOTE:	When ordering No. 160619, needle gauge of Machine and weight of material must be stated.
160622	25060	Lap Seam Feller on Shank with Yielding (lower) scroll for medium heavy and heavy weight material
	NOTE:	When ordering No. 160622, needle gauge of Machine and weight of material must be stated.
121449	25060	Lap Seam Feller Clamping Plate
1423J	25060	Lap Seam Feller Clamping Plate Screw (2)
139135	25060	Presser Foot Plate
26276	25060	Presser Foot Plate Hinge Pin
146850	25060	Presser Foot Shank
139134	25060	Presser Foot Yielding Heel
146851	25060	Presser Foot Yielding Heel Connection
26276	25060	Presser Foot Yielding Heel Connection Hinge Pin
37160	25060	Presser Foot Yielding Heel Connection Spring
26276	25060	Presser Foot Yielding Heel Hinge Pin
146615	25060	Presser Foot (triple hinged) complete for 3/32 in. to 5/16 in. gauges, Nos. 37160, 139134, 139135, 146850, 146851 and three 26276
	NOTE:	When ordering 146615, state gauge required.
139490	25060	Presser Foot Plate
26276	25060	Presser Foot Plate Hinge Pin
146850	25060	Presser Foot Shank
139489	25060	Presser Foot Yielding Heel
146851	25060	Presser Foot Yielding Heel Connection
26276	25060	Presser Foot Yielding Heel Connection Hinge Pin
37160	25060	Presser Foot Yielding Heel Connection Spring
26276	25060	Presser Foot Yielding Heel Hinge Pin
146753	25060	Presser Foot (triple hinged) complete for 11/32 in. and 3/8 in. gauges, Nos. 37160, 139489, 139490, 146850, 146851 and three 26276
	NOTE:	When ordering No. 146753, state gauge required.
146773	25060	Throat Plate for 3/32 in.-1/8 in., 5/32 in.-3/16 in., 7/32 in.-1/4 in., 9/32 in.-5/16 in. and 11/32 in.-3/8 in. gauges for 146772
	NOTE:	When ordering No. 146773, state gauge required.

FITTINGS

FOR LAP SEAM FELLING LIGHT TO HEAVYWEIGHT MATERIALS FOR SLEEVING, PIECING AND GENERAL WORK, FOR 5/32 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
146834	25061	Bed Slide (right)
146525	25061	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146835	25061	Bed Slide (right, button-type) complete for Throat Plates with 3/32 in. off-set, Nos. 1423X, 146524, 146525, 146834 and two 240C
146836	25061	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for 146840
	NOTE:	When ordering No. 146836, state gauge required.
161091	25061	Lap Seam Feller (adjustable) on Shank with Yielding lower scroll, for light to heavy weight materials
	NOTE:	When ordering No. 161091, needle gauge of Machine and weight of material must be stated.
121449	25061	Lap Seam Feller Clamping Plate
1423J	25061	Lap Seam Feller Clamping Plate Screw (2)
146837	25061	Presser Foot Plate
26276	25061	Presser Foot Plate Hinge Pin
910AL	25061	Presser Foot Plate Hinge Pin Set Screw
1695J	25061	Presser Foot Plate Hinge Pin Set Screw Nut
146838	25061	Presser Foot Shank with 910AL and 1695J
146839	25061	Presser Foot (hinged) complete, Nos. 26276, 146837 and 146838
	NOTE:	When ordering No. 146839, state gauge required.
146840	25061	Throat Plate for 5/32 in. to 3/8 in. gauges, for 146836
	NOTE:	When ordering No. 146840, state gauge required.

FITTINGS

FOR PIECING UNDERWEAR, FOR 5/32 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
146523	25062	Bed Slide (right)
146525	25062	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw
146526	25062	Bed Slide (right, button-type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and two 240C
146836	25062	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for 146840
	NOTE:	When ordering No. 146836, state gauge required.
160944	25062	Lap Seam Feller (adjustable) on Shank for light to heavy weight material
	NOTE:	When ordering No. 160944, needle gauge of Machine and weight of material must be specified.
161093	25062	Lap Seam Feller on Shank for light and medium weight material
	NOTE:	When ordering No. 161093, needle gauge of Machine and weight of material must be stated.
121449	25062	Lap Seam Feller Clamping Plate
1423J	25062	Lap Seam Feller Clamping Plate Screw (2)
146837	25062	Presser Foot Plate
26276	25062	Presser Foot Plate Hinge Pin

FITTINGS

No.	Plate	Name
910AL	25062	Presser Foot Plate Hinge Pin Set Screw
1695J	25062	Presser Foot Plate Hinge Pin Set Screw Nut
146838	25062	Presser Foot Shank with 910AL and 1695J
146839	25062	Presser Foot (hinged) complete, Nos. 26276, 146837 and 146838
	NOTE:	When ordering No. 146839, state gauge required.
146840	25062	Throat Plate for 5/32 in. to 3/8 in. gauges for 146836
	NOTE:	When ordering No. 146840, state gauge required.

FITTINGS

FOR FIRST OPERATION FOR IMITATION SINGLE NEEDLE SLEEVING, FOR 5/32 IN. AND 3/16 IN. GAUGES

No.	Plate	Name
146848	25063	Bed Slide (right)
146525	25063	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146846	25063	Bed Slide (right, button-type) complete for Throat Plates with 9/64 in. off-set, Nos. 1423X, 146524, 146525, 146848 and two 240C
146711	25063	Feed Dog with row of teeth between needles, 14 teeth (14 teeth to the inch) for 5/32 in. to 3/8 in. gauges for 146714
	NOTE:	When ordering No. 146711, state gauge required.
161092	25063	Edge Folder with Adjustable Edge Guide on Shank for 3/16 in. to 1/2 in. gauges
	NOTE:	When ordering No. 161092, state gauge required.
160588	25063	Edge Folder Clamping Plate
1174J	25063	Edge Folder Clamping Plate Screw (2)
146761	25063	Presser Foot Plate
26276	25063	Presser Foot Plate Hinge Pin
146712	25063	Presser Foot Shank
146762	25063	Presser Foot (hinged) complete, Nos. 26276, 146712 and 146761
	NOTE:	When ordering No. 146762, state gauge required.
146714	25063	Throat Plate for 5/32 in. to 3/8 in. gauges for 146711
	NOTE:	When ordering No. 146714, state gauge required.

FITTINGS

FOR FRENCH LAP SEAM FELLING FOR 3/8 IN. TO 1/2 IN. GAUGES

No.	Plate	Name
146523	25064	Bed Slide (right)
146525	25064	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146526	25064	Bed Slide (right, button-type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and 240C
161084	25064	Edge Guide with Adjustable Edge Folder on Shank for 1/4 in. to 1/2 in. needle gauge
	NOTE:	When ordering No. 161084, state needle gauge required.
121449	25064	Edge Guide with Adjustable Edge Folder on Shank Clamping Plate
1423J	25064	Edge Guide with Adjustable Edge Folder on Shank Clamping Plate Screw (2)

No.	Plate	Name
146841	25064	Feed Dog, 17 teeth (16 teeth to the inch) for 146844.
	NOTE:	When ordering No. 146841, state gauge required.
146842	25064	Presser Foot Plate.
26276	25064	Presser Foot Plate Hinge Pin.
910AL	25064	Presser Foot Plate Hinge Pin Set Screw
1695J	25064	Presser Foot Plate Hinge Pin Set Screw Nut
146838	25064	Presser Foot Shank with 910AL and 1695J
146843	25064	Presser Foot (hinged) complete, Nos. 26276, 146838 and 146842.
	NOTE:	When ordering No. 146843, state gauge required.
146844	25064	Throat Plate for 3/8 in. to 1/2 in. gauges for 146841.
	NOTE:	When ordering No. 146844, state gauge required.

FITTINGS

FOR HEMMING OVERALL POCKETS FOR 3/16 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
146834	25065	Bed Slide (right)
146525	25065	Bed Slide (right) Knob.
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146835	25065	Bed Slide (right, button-type) complete for Throat Plates with 3/32 in. off-set, Nos. 1423X, 146524, 146525, 146834 and two 240C
146715	25065	Feed Dog with row of teeth between needles, 13 teeth (10 teeth to the inch) for 146718.
	NOTE:	When ordering No. 146715, state gauge required.
161090	25065	Hemmer on Shank (turn down) for 5/16 in. to 5/8 in. hem in steps of 1/16 in.

NOTE: When ordering No. 161090, state size of hem and furnish sample material or furnish finished sample and sample material.

121449	25065	Hemmer on Shank (turn down) Clamping Plate.
1423J	25065	Hemmer on Shank (turn down) Clamping Plate Screw (2)
161085	25065	Presser Foot Plate.
26276	25065	Presser Foot Plate Hinge Pin.
910AL	25065	Presser Foot Plate Hinge Pin Set Screw
1695J	25065	Presser Foot Plate Hinge Pin Set Screw Nut
146838	25065	Presser Foot Shank with 910AL and 1695J
161086	25065	Presser Foot (hinged) complete for inserting labels and hemming overall pockets, Nos. 26276, 146838 and 161085.

	NOTE:	When ordering No. 161086, state gauge required.
161087	25065	Presser Foot Plate.
26276	25065	Presser Foot Plate Hinge Pin.
906AL	25065	Presser Foot Plate Hinge Pin Set Screw
1695J	25065	Presser Foot Plate Hinge Pin Set Screw Nut
161088	25065	Presser Foot Shank with 906AL and 1695J
161089	25065	Presser Foot (hinged) complete for sewing overall material, Nos. 26276, 161087 and 161088.
	NOTE:	When ordering No. 161089, state gauge required.
146718	25065	Throat Plate for 3/16 in. to 3/8 in. gauges for 146715.
	NOTE:	When ordering No. 146718, state gauge required.

FITTINGS

FOR PLAIN SEWING, FOR 3/32 IN. TO 3/8 IN. GAUGES

No.	Plate	Name
146523	25066	Bed Slide (right)
146525	25066	Bed Slide (right) Knob.
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146526	25066	Bed Slide (right, button-type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and two 240C.
146802	25066	Feed Dog, 17 teeth (16 teeth to the inch) for 3/32 in. and 1/8 in. gauges, for 146803.
	NOTE:	When ordering No. 146802, state gauge required.
146711	25066	Feed Dog with row of teeth between needles, 14 teeth (14 teeth to the inch) for 5/32 in. to 3/8 in. gauges, for 146778.
	NOTE:	When ordering No. 146711, state gauge required.
146761	25066	Presser Foot Plate
26276	25066	Presser Foot Plate Hinge Pin
146712	25066	Presser Foot Shank.
146762	25066	Presser Foot (hinged) complete for 3/32 in. to 3/8 in. gauges, Nos. 26276, 146712 and 146761.
	NOTE:	When ordering No. 146762, state gauge required.
146803	25066	Throat Plate for 3/32 in. and 3/8 in. gauges, for 146802.
	NOTE:	When ordering No. 146803, state gauge required.
146778	25066	Throat Plate for 5/32 in. to 3/8 in. gauges, for 146711.
	NOTE:	When ordering No. 146778, state gauge required.

FITTINGS

FOR LAP SEAM FELLING FOR REGULAR WORK,
FOR 13/32 IN. TO 1/2 IN. GAUGES

No.	Plate	Name
146849	25067	Bed Slide (right)
146525	25067	Bed Slide (right) Knob.
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146847	25042	Bed Slide (right, button-type) complete for Throat Plates with 3/16 in. off-set, Nos. 1423X, 146524, 146525, 146849 and two 240C.
161100	25067	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for 161101.
	NOTE:	When ordering No. 161100, state gauge required.
161091	25067	Lap Seam Feller (adjustable) on Shank with Yielding lower scroll, for light to heavy weight materials.
	NOTE:	When ordering No. 161091, needle gauge of Machine and weight of material must be specified.
121449	25067	Lap Seam Feller Clamping Plate.
1423J	25067	Lap Seam Feller Clamping Plate Screw (2)
161098	25067	Presser Foot Plate
26276	25067	Presser Foot Plate Hinge Pin.
146850	25067	Presser Foot Shank
139134	25067	Presser Foot Yielding Heel
146851	25067	Presser Foot Yielding Heel Connection
26276	25067	Presser Foot Yielding Heel Connection Hinge Pin.
37160	25067	Presser Foot Yielding Heel Connection Spring
26276	25067	Presser Foot Yielding Heel Hinge Pin
161099	25067	Presser Foot (triple hinged) complete, Nos. 37160, 139134, 146850, 146851, 161098 and three 26276.
	NOTE:	When ordering No. 161099, state gauge required.
161101	25067	Throat Plate for 11/32 in. to 1/2 in. gauges for 161100.
	NOTE:	When ordering No. 161101, state gauge required.

FITTINGS

FOR LAP SEAM FELLING FOR HEAVY WORK,
FOR 13/32 IN. AND 1/2 IN. GAUGES

No.	Plate	Name
146849	25068	Bed Slide (right)
146525	25068	Bed Slide (right) Knob
146524	25042	Bed Slide (right) Spring
1423X	25042	Bed Slide (right) Spring Screw
240C	25042	Bed Slide (right) Spring Stop Screw (2)
146847	25068	Bed Slide (right, button-type) complete for Throat Plates with 3/16 in. off-set, Nos. 1423X, 146524, 146525, 146849 and two 240C
161100	25068	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for 161101
NOTE: When ordering No. 161100, state gauge required.		
161091	25068	Lap Seam Feller (adjustable) on Shank with Yielding lower scroll, for light to heavy weight materials
NOTE: When ordering No. 161091, needle gauge of Machine and weight of material must be stated.		
121449	25068	Lap Seam Feller Clamping Plate
1423J	25068	Lap Seam Feller Clamping Plate Screw (2)
161095	25068	Presser Foot Plate
26276	25068	Presser Foot Plate Hinge Pin
146850	25068	Presser Foot Shank
161096	25068	Presser Foot Yielding Heel
146851	25068	Presser Foot Yielding Heel Connection
26276	25068	Presser Foot Yielding Heel Connection Hinge Pin
37160	25068	Presser Foot Yielding Heel Connection Spring
26276	25068	Presser Foot Yielding Heel Hinge Pin
161097	25068	Presser Foot (triple hinged) complete, Nos. 37160, 146850, 146851, 161095, 161096 and three 26276
NOTE: When ordering No. 161097, state gauge required.		
161101	25068	Throat Plate for 11/32 in. to 1/2 in. gauges for 161100
NOTE: When ordering No. 161101, state gauge required.		

FOOT LIFTER PARTS

No.	Plate	Name
6439	NOTE:	Chain, 36 in. to 45 in., with 56864 and 56865
4879	25030	When ordering No. 6439, state length required.
56864		Chain Connecting Link
56865		Chain Hook (large)
126249		Chain Hook (small)
4882	25030	Treadle
126250	25030	Treadle Shaft
150451	25030	Treadle Shaft Spring
150452	25030	Treadle Shaft Stand
	25030	Treadle complete, Nos. 4879, 4882, 126249, 126250, 150451 and two wood screws 1 in. No. 16 F.H.

KNEE LIFTER PARTS

No.	Plate	Name
146764	25030	Chain, 10-1/4 in., with 46865 and 56865
56865	25030	Chain Hook
46865	25030	Chain Link
146765	25030	Rock Shaft
146766	25030	Rock Shaft Hanger with two wood screws 1 in., No. 16 F.H. (2)
143283	25030	Rock Shaft Knee Arm
143285		Rock Shaft Knee Arm complete, Nos. 2767, 143283 and 143284
143284	25030	Rock Shaft Knee Arm Hub with 356C and 140351AL
140351AL	25030	Rock Shaft Knee Arm Hub Clamping Screw
356C	25030	Rock Shaft Knee Arm Hub Set Screw
2767	25030	Rock Shaft Knee Arm Plate with 356C
356C	25030	Rock Shaft Knee Arm Plate Screw
6337	25030	Rock Shaft Lifting Bracket with two 356C
7125	25030	Rock Shaft Lifting Bracket Hook
356C	25030	Rock Shaft Lifting Bracket Hook Set Screw
356C	25030	Rock Shaft Lifting Bracket Set Screw
146768	25030	Rock Shaft Spring
1115X	25030	Rock Shaft Spring Screw
146769	25030	Rock Shaft Stop Dog (back) with 140351AL
146770	25030	Rock Shaft Stop Dog (front) with 140351AL
140351AL	25030	Rock Shaft Stop Dog Clamping Screw (2)
146771	25030	Rock Shaft complete, Nos. 1115X, 6337, 7125, 143285, 146765, 146768, 146769, 146770 and two 146766
146779	25030	Knee Lifter complete, Nos. 146764 and 146771

LAP SEAM FELLERS

No.	Plate	Name
160587	25059	Lap Seam Feller (adjustable) on Shank for light, medium, medium heavy over light, medium heavy over medium and medium heavy over heavy weight material
	NOTE:	When ordering No. 160587, needle gauge of Machine and weight of material must be stated.
160619	25059	Lap Seam Feller (adjustable) on Shank for light, medium, and medium heavy over medium weight material.
	NOTE:	When ordering No. 160619, needle gauge of Machine and weight of material must be stated.
160622	25059	Lap Seam Feller on Shank with Yielding (lower) scroll for medium heavy and heavy weight material
	NOTE:	When ordering No. 160622, needle gauge of Machine and weight of material must be stated.
160944	25056	Lap Seam Feller (adjustable) on Shank for light to heavy weight material.
	NOTE:	When ordering No. 160944, needle gauge of Machine and weight of material must be stated.
160945	25055	Lap Seam Feller (adjustable) on Shank for light to heavy weight material.
	NOTE:	When ordering No. 160945, needle gauge of Machine and weight of material must be stated.
160946	25058	Lap Seam Feller (adjustable) on Shank for light to heavy weight material.
	NOTE:	When ordering No. 160946, needle gauge of Machine and weight of material must be stated.
161091	25067	Lap Seam Feller (adjustable) on Shank with Yielding (lower) scroll, for light to heavy weight materials.
	NOTE:	When ordering No. 161091, needle gauge of Machine and weight of material must be stated.
161093	25062	Lap Seam Feller on Shank for light and medium weight material.
	NOTE:	When ordering No. 161093, needle gauge of Machine and weight of material must be stated.
121449	25055	Lap Seam Feller Clamping Plate
1423J	25055	Lap Seam Feller Clamping Plate Screw (2)

TENSION RELEASER

No.	Plate	Name
	25052	Presser Bar Lifting Lever
	25052	Tension (looper thread) Releaser (2)
	146801	Tension (looper thread) Releaser Nos. 110C, 146620, 146794, 146796, 146797 and two each 72C, 207J, 146792 and 146795
110C	25052	Tension (looper thread) Releaser Connecting Link Hinge Screw
	25052	Tension (looper thread) Releaser Screw (2)
207J	25052	Tension (looper thread) Releaser Slide
146794	25052	Tension (looper thread) Releaser Slide Hinge Screw (2)
72C	25052	Tension (needle thread) Releasing Shaft Crank Connecting Link
146620	25052	Tension (needle thread) Releasing Shaft Crank Connecting Link Hinge Screw
110C	25052	Tension (needle thread) Releasing Spring
	25052	Thread (looper) Uncurler (2)
	25052	Thread (looper) Uncurler Plate (back)
	25052	Thread (looper) Uncurler Plate (front)
	25052	Tension (looper thread) Releaser complete, Nos. 110C, 68261, 146791 and 146801

THREAD UNWINDER

FOR FOUR SPOOLS

No.	Plate	Name
151032	25018	Base with 138R and three wood screws 1 in. No. 12 F.H.
225257	25018	Spool Rest with 201018C (2)
151033	25018	Spool Rest Bracket
151034	25018	Spool Rest Bracket Rod
138R	25018	Spool Rest Bracket Rod Set Screw
51276R	25018	Spool Rest Bracket Screw
150203	25018	Spool Rest Cushion (felt) (4)
201018C	25018	Spool Rest Set Screw (2)
151035	25018	Thread Guide (4)
1521R	25018	Thread Guide Nut (8)
9525	25018	Thread Guide Nut Washer (8)
151037	25018	Thread Unwinder complete, for four spools, Nos. 51276R, 151032, 151033, 151034, two 225257, four each 150203, 151035 and eight each 1521R and 9525

NUMERICAL LIST OF PARTS

No.	Plate	Name
72C	25052	Tension Releaser Tension (looper thread) Releaser Slide Hinge Screw for 146801
110C	25049	Tension (needle thread) Releasing Shaft Crank Connecting Link Hinge Screw
110C	25052	Tension Releaser Tension (looper thread) Releaser Connecting Link Hinge Screw for 146801
110C	25052	Tension Releaser Tension (needle thread) Releasing Shaft Crank Connecting Link Hinge Screw for 146799
138R	25018	Thread Unwinder Spool Rest Bracket Rod Set Screw for 151032
144D	25036	Arm Shaft (horizontal) Screw (back)
152C	25043	Feed Bar Screw Center (left) Clamping Screw for 146542
157E	25046	Oil Pump (centrifugal) Body Screw
157J	25054	Feed Dog Screw
157J	25043	Feed Lifting Rock Shaft Crank Clamping Screw
157R	25043	Feed Rock Shaft Crank Clamping Screw for 143050
161X	25049	Presser Bar Lifting Lever Extension Screw
175E	25044	Looper Ball Crank Pitman End Bearing (right) Cap Screw
175E	25044	Looper Ball Crank Pitman End Bearing (right) Cap Screw
175E	25045	Needle Bar Connecting Stud Clamping Screw for 146725
176J	25050	Slack Thread Controller Clamp Screw
176J	25050	Thread (needle) Eyelet (side of arm) Position Screw
189E	25046	Oil Pump (centrifugal) Screen Frame Screw
190J	25042	Needle Guard Holder Bracket Screw
190J	25042	Needle Guard Holder Screw
190J	25045	Presser Bar Stop Clamping Screw for 146752
190J	25045	Presser Foot Screw
190J	25047	Thread (looper) Take-up Stripper Staple Screw for 146603
190X	25047	Thread (looper) Take-up Stripper Plate Support Plate Screw
193E	25040	Oil Wick Holder Tube Bracket Screw
197E	25043	Feed Rock Shaft Screw Center Front Oil Wick Holder Screw
207E	25036	Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube Holder Screw
207J	25052	Tension Releaser Tension (looper thread) Releaser Screw for 146801
217J	25050	Thread (needle) Thread Guide Bracket Support (lower) Screw
223E	25043	Feed Lifting Rock Shaft Cap Screw
223E	25043	Feed Rock Shaft Cap Screw
228E	25043	Feed Bar Screw Center Oil Wick Holder Screw
228E	25037	Oil Removing Wick (head end) Holder Body Stop and Spring Clip Screw for 146747
229J	25050	Thread (looper) Thread Guide (left) Screw
229J	25050	Thread (looper) Thread Guide (right) Screw
231E	25047	Looper Holder Rock Shaft Bracket Oil Plug Screw
237J	25047	Thread (looper) Take-up Stripper Plate Screw for 146603
237J	25047	Thread (looper) Take-up Thread Guide (left) Screw
237J	25047	Thread (looper) Take-up Thread Guide (right) Screw
237J	25050	Thread (needle) Thread Guide Bracket Support (upper) Screw
240C	25042	Bed Slide (right) Spring Stop Screw for 146007, 146526, 146835, 146846 and 146847
313C	25043	Feed Bar Screw Center (right) for 56813
316C	25049	Tension (needle thread) Releasing Shaft Stop Screw
356C	25030	Knee Lifter Rock Shaft Knee Arm Hub Set Screw for 143284
356C	25030	Knee Lifter Rock Shaft Knee Arm Plate Screw for 2767
356C	25030	Knee Lifter Rock Shaft Lifting Bracket Hook Set Screw for 6337

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

No.	Plate	Name
356C	25030	Knee Lifter Rock Shaft Lifting Bracket Set Screw for 6337
402J	25047	Needle Bar Thread Retainer Bracket Screw
448A	25040	Bed Rotary Shaft Bushing (intermediate) Set Screw
448A	25040	Looper Ball Crank Hinge Pin Set Screw
448A	25040	Looper Holder Rock Shaft Bushing (back) Set Screw
448A	25040	Looper Holder Rock Shaft Bushing (front) Set Screw
454A	25040	Bed Rotary Shaft Collar Set Screw for 64342
465A	25040	Thread Looper Take-up Set Screw for 146621
624A	25049	Tension (needle thread) Releasing Shaft Crank Set Screw for 54872
691F	25054	Throat Plate Screw
724J	25050	Thread (needle) Eyelet (side of arm) Screw
725X	25041	Bed Slide (left) Spring Screw for 146522
802X	25049	Presser Bar Lifting Lever Hinge Screw
807X	25049	Presser Bar Lifting Bracket Lifter Hinge Screw
893C	25043	Feed Bar Screw Center (left)
896A	25040	Looper Avoiding Eccentric Connection Clamping Screw for 146553
896A	25040	Looper Ball Crank Connection Cap (lower) Screw for 146557
896A	25044	Looper Holder Clamping Screw for 146565
906A	25065	Presser Foot Plate Hinge Pin Set Screw for 161088
906A	25047	Thread (looper) Take-up Stripper Set Screw for 146624
910A	25056	Presser Foot Plate Hinge Pin Set Screw for 146838
965E	25037	Bed Leg (back) Screw
1029J	25040	Thread (looper) Take-up Screw
1036A	25036	Feed Eccentric Body Set Screw for 146533
1036A	25036	Needle Bar Connecting Link Hinge Stud Position Set Screw
1057A	25045	Presser Bar Guide Bracket Clamping Screw for 146694
1115X	25030	Knee Lifter Rock Shaft Spring Screw for 146771
1133E	25045	Needle Bar Bushing (lower) Set Screw
1133E	25045	Needle Bar Bushing (upper) Set Screw
1133E	25045	Presser Bar Bushing (lower) Set Screw
1174J	25063	Edge Folder Clamping Plate Screw
1253A	25044	Looper (back) Set Screw for 146565
1253A	25044	Looper (front) Set Screw for 146565
1259A	25036	Arm Shaft (upright) Bevel Gear (lower) Set Screw
1259A	25036	Arm Shaft (upright) Bevel Gear (upper) Set Screw
1259A	25040	Bed Rotary Shaft Bevel Gear Set Screw
1259A	25036	Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear Set Screw
1259A	25040	Looper Avoiding Eccentric Set Screw for 146550
1364X	25037	Oil Removing Wick (head end) Hinge Plate and Cover Screw
1423J	25059	Lap Seam Feller Clamping Plate Screw
1423J	25064	Edge Guide with Adjustable Edge Folder on Shank Clamping Plate Screw
1423J	25065	Hemmer on Shank (turndown) Clamping Plate Screw
1423X	25042	Bed Slide (right) Spring Screw for 146007, 146526, 146835, 146846 and 146847
1449J	25045	Thread (needle) Take-up Spring Screw for 146635
1470X	25042	Bed Slide (right) Latch Guide Screw for 146062, 146692, 146723, 146821 and 146828
1470X	25042	Bed Slide (right) Spring Screw for 146051, 146692, 146723, 146821 and 146828
1498F	25045	Needle Set Screw for 146587
1513J	25043	Feed Lifting Rock Shaft Screw Center Nut for 52097 and 146662
1513J	25043	Feed Rock Shaft Screw Center Nut for 52097 and 143138
1518J	25036	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut
1518J	25036	Feed Rock Shaft Connecting Rod Hinge Screw Nut

No.	Plate	Name
1519J	25043	Feed Bar Screw Center (right) Nut for 56813
1520J	25044	Looper Ball Crank Pitman Ball Screw Stud (right) Nut for 146923 and 146924
1521R	25018	Thread Unwinder Thread Guide Nut for 151037
1520R	25049	Tension (needle thread) Releasing Shaft Stop Screw Nut
1547J	25043	Feed Dog Stop Screw Nut for 146530
1628X	25048	Thread (looper) Thread Tube Screw Stud Nut
1664J	25044	Looper Ball Crank Pitman End Bearing (left) Nut for 146739
1695J	25056	Presser Foot Plate Hinge Pin Set Screw Nut for 146838 and 161088
2102	25048	Tension (looper thread) Disc
2102	25049	Tension (needle thread) Disc
2767	25030	Knee Lifter Rock Shaft Knee Arm Plate with 356C, for 143285
4307	25041	Bed Slide (left) Spring for 146522
4879	25030	Foot Lifter Chain Connecting Link for 150452
4882	25030	Foot Lifter Treadle Shaft for 150452
6337	25030	Knee Lifter Rock Shaft Lifting Bracket with two 356C, for 146771
6439	NOTE:	Foot Lifter Chain, 36 in. to 45 in. with 56864 and 56865. When ordering No. 6439, state length required.
7071	25050	Thread (needle) Eyelet (side of arm) Position Screw Washer
7071	25051	Thread Lubricator Adaptor Screw Washer for 146809
7125	25030	Knee Lifter Rock Shaft Lifting Bracket Hook for 146771
8068	25051	Thread Lubricator Oil Reservoir Rivet Washer (inside) for 146808
8708	25016	Wrench (accessories)
9525	25018	Thread Unwinder Thread Guide Nut Washer for 151037
10107	25047	Needle Bar Thread Retainer Spring for 146586
12361	25016	Machine Hinge Connection (accessories)
16532	25037	Arm Dowel Pin
17822	25051	Thread Lubricator Oil Reservoir Rivet for 146808
21202	25051	Thread Lubricator Screw Washer for 146809
23535	25016	Wrench (accessories)
26276	25058	Presser Foot Plate Hinge Pin for 146615, 146713, 146753, 146762, 146825, 146839, 146843, 146859, 161086, 161089, 161097 and 161099
26276	25055	Presser Foot Plate Connection Hinge Pin for 146859
26276	25059	Presser Foot Yielding Heel Connection Hinge Pin for 146615, 146753, 161097 and 161099
26276	25055	Presser Foot Yielding Heel Hinge Pin for 146615, 146753, 146859, 161097 and 161099
29043	25044	Looper Throw-out Spring Screw Washer for 146938
32572	25049	Tension (needle thread) Releasing Disc
37160	25055	Presser Foot Plate Connection Spring for 146859
37160	25059	Presser Foot Yielding Heel Connection Spring for 146615, 146753, 161097 and 161099
41400	25016	Machine Rest Pin (wood) Accessories
42483	25047	Needle Bar Thread Retainer Disc for 146586
42850	25016	Wrench (accessories)
46865	25030	Knee Lifter Chain Link for 146764
50027J	25048	Thread (looper) Thread Tube Thread Guide Screw
50123E	25036	Oil Pump (centrifugal) Impeller Locking Screw
50163XC	25047	Needle Bar Thread Retainer Screw for 146586
50169J	25044	Looper Throw-out Spring Screw for 146938
50191C	25043	Feed Lifting Rock Shaft Screw Center (left) for 52097
50191C	25043	Feed Rock Shaft Screw Center (left) for 52097
50222J	25051	Thread Lubricator Screw for 146809
50257J	25046	Oil Flow Window Cap Screw
50326C	25049	Tension (needle thread) Screw Stud for 59539
50554A	25040	Bed Rotary Shaft Bushing (back) Set Screw
50554A	25040	Bed Rotary Shaft Bushing (front) Set Screw

No.	Plate	Name
50579J	25043	Feed Lifting Rock Shaft Crank Slide Block Oil Wick Holder Screw for 146538.
51159J	25044	Thread Throw-out Releaser Cap Screw for 146938.
51276R	25038	Machine Pulley Set Screw for 146512.
51283AL	25044	Looper Ball Crank Arm Clamping Screw for 146897.
51320AL	25046	Oil Lead Screw.
51369E	25039	Arm Top Cover Screw.
51369R	25045	Thread (needle thread) Take-up Clamping Screw for 146634.
51460E	25048	Tension (looper thread) Regulating Thumb Nut for 146618.
51570C	25049	Tension (needle thread) Regulating Thumb Nut for 59539.
51614W	25045	Pressure Regulating Thumb Screw Nut.
51715AL	25040	Looper Ball Crank Connection Cap (upper) Screw Stud for 146557.
51769C	25044	Looper Ball Crank Pitman Rod Nut for 146937.
52097	25044	Feed Lifting Rock Shaft Screw Center (left) 50191C with 1513J.
52097	25043	Feed Rock Shaft Screw Center (left) 50191C with 1513J.
52267	25049	Feed Lifting Rock Shaft Crank Slide Block with Stud.
54070	25049	Tension (needle thread) Bracket.
54071	25049	Tension (needle thread) Releasing Shaft.
54095	25045	Thread (needle) Take-up Plate for 146635.
54242	25050	Slack Thread Controller Clamp.
54865	25047	Needle Bar Thread Retainer Screw Washer for 146586.
54872	25049	Tension (needle thread) Releasing Shaft Crank with 624AL.
54988	25049	Tension (needle thread) Releasing Pin.
56813	25049	Feed Bar Screw Center (right) 313C with 1519J.
56864	25049	Foot Lifter Chain Hook (large) for 6439.
56865	25049	Foot Lifter Chain Hook (small) for 6439.
56865	25030	Knee Lifter Chain Hook for 146764.
59537	25048	Tension (looper thread) Spring Bushing (large).
59537	25049	Tension (needle thread) Spring Bushing (large).
59538	25048	Tension (looper thread) Spring Bushing (small).
59538	25049	Tension (needle thread) Spring Bushing (small).
59539	25051	Tension (needle thread) Screw Stud 50326C with 51570C.
62827	25040	Thread Lubricator Oil Wick for 146807.
64342	25040	Bed Rotary Shaft Collar with 454AL.
64519	25039	Arm Top Cover Stitch Regulator Plunger Spring for 146507.
68164	25045	Thread (needle) Take-up Spring for 146635.
68261	25052	Tension Releaser Tension (needle thread) Releasing Spring for 146799.
120341	25016	Tweezers (curved) Accessories.
120344	25016	Oil with 120345 (accessories).
120345	25016	Oil Spout for 120344 (accessories).
120440	25016	Screw Driver (accessories).
121108	25016	Screw Driver (accessories).
121449	25064	Edge Guide with Adjustable Edge Folder on Shank Clamping Plate.
121449	25065	Hemmer on Shank (turn-down) Clamping Plate.
121449	25059	Lap Seam Feller Clamping Plate.
121741	25016	One Quart Can of Light Grade Stainless Oil (accessories).
124371	25051	Thread Lubricator Oil Reservoir Rivet Washer (outside) for 146808.
126150	25051	Looper Holder Rock Shaft Bracket Screw Washer for 146513.
126249	25030	Foot Lifter Treadle for 150452.
126250	25030	Foot Lifter Treadle Shaft Spring for 150452.
128551	25044	Looper Ball Crank Pitman Ball Screw Stud (right) Nut Locking Plate for 146923 and 146924.

No.	Plate	Name
131032	25057	Feed Dog, 17 Teeth (16 teeth to the inch) for Lap Seam Felling, Plain Sewing and French Seaming, for 3/32 in.-1/8 in., 5/32 in.-3/16 in. and 7/32 in.-1/4 in. gauges, for 146763 and 146803.
131696	25048	Tension (looper thread) Thread Guide.
131696	25049	Tension (needle thread) Thread Guide.
131740	25048	Tension (looper thread) Spring.
131741	25049	Tension (needle thread) Spring.
131927	25040	Looper Ball Crank Connection Cap (upper) Screw Stud for 146557.
131928	25040	Looper Ball Crank Connection Cap (upper) Screw Stud Nut Lock Washer for 146557.
132790	25040	Looper Ball Crank Connection Ball Sleeve (two pieces) for 146558.
139110	25045	Needle Bar Connecting Stud Oil Pad (wick).
139111	25045	Needle Bar Connecting Stud Slide Block.
139134	25059	Presser Foot Yielding Heel for 146615 and 161099.
139135	25059	Presser Foot Plate for 146615.
139148	25047	Thread (looper) Take-up Stripper Staple for 146603.
139158	25050	Thread (looper) Thread Guide (left).
139158	25050	Thread (looper) Thread Guide (right).
139462	25045	Presser Bar.
139489	25059	Presser Foot Yielding Heel for 146753.
139490	25059	Presser Foot Plate for 146753.
140050J	25041	Face Plate Screw (upper).
140061J	25041	Face Plate Screw (lower).
140224J	25051	Thread Lubricator Adaptor Screw for 146809.
140230C	25036	Feed Lifting Rock Shaft Connecting Rod Hinge Screw.
140230C	25036	Feed Rock Shaft Connecting Rod Hinge Screw.
140239J	25050	Slack Thread Controller Position Screw.
140239AL	25040	Oil Wick Position Bar Screw for 146606.
140256AL	25036	Feed Eccentric Stop Screw (7 stitch).
140258AL	25036	Feed Eccentric Stop Screw (14 stitch).
140278C	25043	Feed Rock Shaft Screw Center (right) for 143138.
140296AL	25036	Arm Shaft (horizontal) Bushing (center) Set Screw.
140296AL	25036	Arm Shaft (horizontal) Flanged Bushing (back) Set Screw.
140298AL	25036	Arm Shaft (upright) Bushing (lower) Set Screw.
140298AL	25036	Arm Shaft (upright) Bushing (upper) Set Screw.
140331AL	25036	Arm Shaft (horizontal) Flanged Bushing (front) Set Screw.
140333AL	25036	Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear Position Screw.
140351AL	25030	Knee Lifter Rock Shaft Knee Arm Hub Clamping Screw for 143284.
140351AL	25030	Knee Lifter Rock Shaft Stop Dog Clamping Screw for 146769 and 146770.
140359E	25036	Arm Shaft (horizontal) Screw Plug (front).
140439E	25040	Looper Holder Rock Shaft Oil Plug Screw for 146569.
25040J	25045	Needle Bar Bushing (upper) Oil Plug Screw.
140441W	25045	Pressure Regulating Thumb Screw.
140442C	25048	Tension (looper thread) Screw Stud for 146618.
140443J	25049	Tension (needle thread) Bracket Screw.
140443J	25050	Thread (needle) Thread Guide Bracket Screw.
140488C	25043	Feed Lifting Rock Shaft Screw Center (right) for 146662.
140542AL	25036	Needle Bar Crank Position Screw.
140546C	25047	Needle Bar Thread Retainer Screw for 146586.
140549E	25036	Stitch Regulator Locking Slide Spring Screw for 143134.
140552AL	25036	Needle Bar Connecting Link Hinge Stud Clamping Screw.
140553E	25037	Oil Removing Wick (head end) Holder Body Hinge Screw for 146747.
140566AL	25036	Feed Eccentric Stop Screw (6 stitch).

NOTE: No. 140566AL is regularly furnished with No. 253, 201 Machine.

NUMERICAL LIST OF PARTS

No.	Name	Plate
140568AL	Feed Eccentric Stop Screw (8 stitch)	25036
140676X	Arm Top Cover Stitch Regulator Plunger Hole Plug Screw for 146830	25038
140695X	Feed Dog Stop Screw for 146530	25043
140734E	Looper Holder Rock Shaft Bracket Screw for 146513	25037
143008	Arm Shaft (horizontal) Bushing (center)	25036
143024	Bed Hole Plug	25036
143031	Feed Bar Screw Center Oil Wick for 143033	25043
143032	Feed Bar Screw Center Oil Wick Holder for 143033	25043
143033	Feed Bar Screw Center Oil Wick Holder 143032 with 143031	25043
143039	Feed Lifting Rock Shaft Cap	25043
143042	Feed Lifting Rock Shaft Crank Slide Block Oil Wick for 146540	25043
143048	Feed Rock Shaft Cap	25043
143050	Feed Rock Shaft Crank with 157R, for 146543	25043
143052	Feed Rock Shaft Screw Center Front Oil Wick Holder for 146547	25043
143061	Oil Flow Body Gasket	25046
143062	Oil Flow Window	25046
143063	Oil Flow Window Cap	25046
143065	Oil Pipe Clamping Sleeve for 146597	25046
143066	Oil Pipe Clamping Sleeve Nut for 146597	25046
143071	Oil Pump (centrifugal) Body Position Pin	25046
143073	Oil Pump (centrifugal) Impeller	25046
143085	Stitch Regulator for 143134	25036
143086	Stitch Regulator Locking Slide for 143134	25036
143087	Stitch Regulator Locking Slide Ratchet Wheel for 146652	25036
143088	Stitch Regulator Locking Slide Ratchet Wheel Pin	25036
143124	Oil Pipe Clamping Sleeve for 146594, 146595 and 146596	25010
143125	Oil Pipe Clamping Sleeve Nut for 146594, 146595 and 146596	25010
143126	Looper Holder Rock Shaft Bracket Oil Pipe Clamping Sleeve Adaptor	25046
143126	Oil Pipe Clamping Sleeve Adaptor for 146660	25046
143126	Oil Pipe Clamping Sleeve Adaptor (fastened to Bed)	25046
143134	Stitch Regulator 143085 with 140549E, 143086 and 143378, for 146652	25030
143138	Feed Rock Shaft Screw Center (right) 140278C with 1513J	25036
143236	Arm Shaft (horizontal) Screw Plug (front) Washer (fiber)	25030
143283	Knee Lifter Rock Shaft Knee Arm for 143285	25030
143284	Knee Lifter Rock Shaft Knee Arm Hub with 356C and 140351AL, for 143285	25030
143285	Knee Lifter Rock Shaft Knee Arm complete Nos. 2767, 143283 and 143284 for 146771	25030
143293	Dummy Shaft for 146652	25016
143308	Machine Cushion (felt) Accessories	25046
143370	Oil Lead	25046
143378	Stitch Regulator Locking Slide Spring for 143134	25036
146006	Bed Slide (right, button type) for 146007	25042
146007	Bed Slide (right, button type) complete for Throat Plates with no off-set, Nos. 1423X, 146006, 146524, 146525 and two 240C	25042
146061	Bed Slide (right, latch type) for 146062	25042
146062	Bed Slide (right, latch type) complete for Throat Plates with no off-set, Nos. 146061, 146688, 146689, 146690, 146691 and four 1470X	25042
146057	Wrench (socket) for 140552 (accessories)	25016
*146501	Arm with Trade Mark and two Trade Mark Rivets	25016

NOTE: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

NUMERICAL LIST OF PARTS

No.	Name	Plate
146505	Arm Shaft (upright) Rushing (lower)	25036
146506	Arm Top Cover for 146507	25039
146507	Arm Top Cover with Stitch Regulator Plunger complete, Nos. 64519, 146506, 146509, 146510 and 146511	25039
146508	Arm Top Cover Gasket (cork)	25039
146509	Arm Top Cover Stitch Regulator Plunger for 146507	25039
146510	Arm Top Cover Stitch Regulator Plunger Cap for 146507	25039
146511	Arm Top Cover Stitch Regulator Plunger Stop Ring for 146507	25039
146512	Machine Pulley (disc, power) "V" belt groove (outside diameter of belt groove 2.9 in.) with two 51283AL	25038
*146513	Bed with two each 126130 and 140734E	25038
	NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.	
146514	Bed Leg (back)	25037
146516	Bed Rotary Shaft for 146650	25040
146518	Bed Rotary Shaft Bushing (back)	25040
146519	Bed Rotary Shaft Bushing (front)	25040
146520	Bed Rotary Shaft Bushing (intermediate)	25040
146521	Bed Slide (left) for 146522	25041
146522	Bed Slide (left) complete, Nos. 4307, 146521 and two 725X	25041
146523	Bed Slide (right, button type) for 146526	25058
146524	Bed Slide (right) Spring for 146007, 146526, 146835, 146846 and 146847	25042
146525	Bed Slide (right) Knob for 146007, 146526, 146835, 146846 and 146847	25054
146526	Bed Slide (right, button type) complete for Throat Plates with 3/64 in. off-set, Nos. 1423X, 146523, 146524, 146525 and two 240C	25056
146528	Face Plate	25041
146529	Face Plate Gasket	25041
146530	Feed Bar with 1607X and 140695X	25043
146531	Feed Dog, 15 teeth (14 teeth to the inch) for 146636	25059
146534	NOTE: When ordering No. 146531, state gauge required.	25043
146536	Feed Lifting Rock Shaft for 146536	25043
146537	Feed Lifting Rock Shaft 146534 with 146541 (for Agents only)	25043
146538	Feed Lifting Rock Shaft Connecting Rod for 146652	25036
146539	Feed Lifting Rock Shaft Crank with 50579J and 146540 (for Agents only)	25043
146540	Feed Lifting Rock Shaft Crank Slide Block Oil Wick Holder for 146540	25043
146541	Holder 146539 with 143042, for 146538	25043
146542	for 146536 and 146547	25043
146543	Feed Rock Shaft with 152C, for 146543	25043
146544	Feed Rock Shaft complete for 146544, Nos. 143050 and 146542	25043
146545	Feed Rock Shaft 146543 with 146546 (for Agents only)	25036
146546	Feed Rock Shaft Connecting Rod for 146652	25043
146547	Feed Rock Shaft Screw Center Front Oil Wick for 146544 and 146547	25043
146548	Feed Rock Shaft Screw Center Front Oil Wick Holder 143052 with 146541 and 146546	25043
146549	Looper (back) closed eye	25044
146550	NOTE: When ordering No. 146548, state gauge required.	25044
146551	Looper (front) closed eye	25044
	NOTE: When ordering No. 146549, state gauge required.	25044
	Looper Avoiding Eccentric with two 1259AL	25040
	Arm Screw Stud (back)	25037

NUMERICAL LIST OF PARTS

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NUMERICAL LIST OF PARTS

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No.	Name	Plate	No.	Name	Plate
146552	Arm Screw (front)	25037	146612	Presser Bar Spring Guide Pin	25045
146553	Looper Avoiding Eccentric Connection (forked) with two 896AL	25040	146615	Presser Foot (triple hinged) complete for 3/32 in. to 5/16 in. gauges, Nos. 37160, 139134, 139135, 146850, 146851 and three 26276	25059
146554	Looper Avoiding Eccentric Slide Block	25040		NOTE: When ordering No. 146615, state gauge required.	
146556	Looper Ball Crank for 146558	25040	146616	Set of Mated Gears for Lower Shaft consisting of Arm Shaft (upright) Bevel Gear (lower) and Bed Rotary Shaft Bevel Gear.	25069
146557	Looper Ball Crank Connection Nos. two each 896AL, 51715AL, 131927 and 131928, for 146558	25040			
146558	Looper Ball Crank Connection 146557 with 132790, 146556 and 146232, for 146650	25040	146617	Slack Thread Gear.	25050
146559	Looper Ball Crank Hinge Pin	25040	146618	Tension (looper thread) Screw Stud 140442C with 51570C	25048
146565	Looper Holder with 896AL and two 1253AL, for 146739	25044	146619	Tension (looper thread) Thread Guard	25048
146567	Looper Holder Bushing (eccentric) with 146647, for 146739	25044	146620	Tension (needle thread) Releasing Shaft Crank Connecting Link	25049
146568	Looper Holder Hinge Pin	25040	146620	Tension Releaser Tension (needle thread) Releasing Shaft Crank Connecting Link for 146801	25052
146569	Looper Holder Rock Shaft with 140439E	25040	146621	Thread (looper) Take-up with 465AL	25040
*146570	Looper Holder Rock Shaft Bracket	25040	146622	Thread (looper) Take-up Screw Washer (fiber)	25040
	NOTE: Due to the accuracy required for Looper Rock Shaft alignment, Looper Holder Rock Shaft Bracket cannot be supplied separately and can only be sent out as a unit Arm, Bed and Looper Holder Rock Shaft Bracket assembled.		146623	Thread (looper) Take-up Stripper for 146603	25047
146571	Looper Holder Rock Shaft Bracket assembled.	25040	146624	Thread (looper) Take-up Stripper Holder with 906AL, for 146603	25047
146572	Looper Holder Rock Shaft Bushing (back)	25040	146625	Thread (looper) Take-up Stripper Plate for 146603	25047
146573	Looper Holder Rock Shaft Bushing (front)	25045	146626	Thread (looper) Take-up Stripper Plate Support Plate for 146603	25047
146574	Needle Bar (hollow) for 146574	25045	146627	Thread (looper) Take-up Thread Guide (left)	25047
	Needle Bar complete, Nos. 146573 and 146587		146628	Thread (looper) Take-up Thread Guide (right) for 146603	25047
	When ordering No. 146574, state gauge required.		146629	Thread (needle) Thread Guide Bracket	25050
146575	Needle Bar Bushing (lower)	25045	146630	Thread (needle) Thread Guide Bracket Support	25050
146576	Needle Bar Bushing (upper)	25045	146631	Thread (looper) Thread Tube	25048
146580	Needle Bar Bushing (lower and upper) Oil Wick for 146805	25045	146632	Thread (looper) Thread Tube Thread Guide	25048
146581	Needle Bar Connecting Link 146724 with 146582 and 146725, for 146670	25036	146633	Thread (needle) Eyelet (side of arm)	25050
146582	Needle Bar Connecting Link Hinge Stud for 146581	25036	146634	Thread (needle) Take-up with 51460E, for 146635	25045
146585	Needle Bar Thread Retainer Bracket for 146586	25047	146635	Thread (needle) Take-up complete, Nos. 1449J, 54095, 68164 and 146634	25045
146586	Needle Bar Thread Retain Bracket complete, Nos. 10107, 140546C, 146585, 146665, 146666 and two each 42493, 50163XC and 54865	25047	146636	Throat Plate for 3/32 in. to 3/8 in. gauges, for 146531	25059
146587	Needle Clamp with two 1498F, for 146574	25045	146637	When ordering No. 146636, state gauge required.	NOTE:
	Needle Clamp with two 1498F, state gauge required.		25015	Machine Base and Oil Reservoir for 146638 (accessories)	25015
146588	Needle Guard for 3/32 in. to 5/32 in. gauges	25042	146638	Machine Base and Oil Reservoir 146637 with 146639, 146693, 146695 and two 146640 (for Agents only)	25015
	When ordering No. 146588, state gauge required.		146639	Accessories.	25015
146591	Oil Flow Body	25046		Machine Base and Oil Reservoir Gasket (felt) for 146638 (accessories)	25015
146593	Oil Pipe with two each 143124 and 143125 for oiling Bed Rotary Shaft Intermediate Bearing.	25046	146640	Machine Pad (felt) for 146638 (accessories)	25015
146594	Oil Pipe with two each 143124 and 143125 for oiling Looper Rock Shaft Hinge Pin.	25010	146644	Needle Guard, for 3/16 in. to 9/32 in. gauges.	25042
146595	Oil Pipe with two each 143124 and 143125 for oiling Looper Rock Shaft Hinge Pin.	25010		When ordering No. 146644, state gauge required.	NOTE:
146596	Oil Pipe with two each 143124 and 143125 for oiling Thread (under) Take-up Shaft Front Bearing.	25010	146645	Needle Guard, for 5/16 in. to 3/8 in. gauges.	25042
146597	Oil Pipe complete, from Oil Pump to Arm Shaft (horizontal) Center Bearing, Nos. 143065, 143066 and 146593 (for Agents only)	25046	146647	Needle Holder Bushing Pin for 146557	NOTE:
	Oil Pump (centrifugal) Cover		146650	Looper Holder Bushing Pin for 146557	25044
146600	Thread (looper) Take-up Stripper Plate 146625 with 237J, 139148, 146623, 146624, 146626, 146628 and two 190J	25046	146651	Bed Rotary Shaft 146516 with 146558	25036
146603	Oil Wick for oiling Looper Ball Crank Pitman End Bearing (left)	25040		Arm Shaft (horizontal) with Needle Bar Crank for 146670	25036
146604	Oil Wick Holder.	25040	146652	Combination of Feed and Stitch Regulator Parts, Nos. 143087, 143134, 143293, 146537, 146545, 146775 and 146852	25046
146605	Oil Wick Position Bracket with 140239AL	25040	146657	Oil Pump (centrifugal) Screen	25046
146606	Presser Bar Lifting Lever.	25049	146658	Oil Pump (centrifugal) Screen Frame	25046
146608	Presser Bar Lifting Lever Extension	25049	146659	Oil Pump (centrifugal) Body for 146660	25046
146610	Presser Bar Lifting Lever Spring	25049	146660	Oil Pump (centrifugal) Body 146659 with three 143126	25036
146611	Presser Bar Spring	25045	146661	Arm Shaft (upright)	25036
			146662	Feed Lifting Rock Shaft Screw Center (right) 140488C with 1513J	25047
			146665	Needle Bar Thread Retainer (lower) for 146586	25047
			146666	Needle Bar Thread Retainer (upper) for 146586	25047
			146670	Arm Shaft (horizontal) 146651 with 146581	25047

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No.	Plate	Name
146671	25048	Thread (looper) Thread Tube Screw Stud Nut Washer
146672	25036	Arm Shaft (horizontal) Flanged Bushing (front)
146676	25049	Presser Bar Lifting Bracket Lifter
146687	25042	Bed Slide (right, latch type) for 146692
146688	25042	Bed Slide (right) Latch for 146062, 146692, 146723, 146821 and 146828
146689	25042	Bed Slide (right) Latch Guide for 146062, 146692, 146723, 146821 and 146828
146690	25042	Bed Slide (right) Latch Spring for 146062, 146692, 146723, 146821 and 146828
146691	25042	Bed Slide (right) Spring for 146062, 146692, 146723, 146821 and 146828
146692	25042	Bed Slide (right, latch type) complete for Throat Plates with 3/64 in. off-set, Nos. 146687, 146688, 146689, 146690, 146691 and four 1470X.
146693	25015	Machine Base and Oil Reservoir Oil Return Wick for 146638 (accessories)
146694	25045	Presser Bar Guide Bracket with 1057AL
146695	25015	Machine Base and Oil Reservoir Oil Return Wick
146696	25037	Position Pad (felt) for 146638 (accessories)
146697	25037	Oil Removing Wick (head end) Hinge Plate and Cover for 146747
146698	25037	Oil Removing Wick (head end) Hinge Plate and Cover Gasket
146700	25037	Oil Removing Wick (head end) Holder Body Spring for 146746 and 146747
146703	25045	Oil Removing Wick (head end) Holder Body Stop and Spring Clip for 146747
146711	25063	Needle Bar Bushing (lower and upper) Oil Wick Clamp and Retainer for 146805
146712	25058	Feed Dog with row of teeth between needles, 14 teeth (14 teeth to the inch) for 5/32 in. to 3/8 in. gauges, for 146714 and 146778
146713	25058	NOTE: When ordering No. 146711, state gauge required.
146714	25063	Presser Foot Shank for 146713 and 146762
146715	25058	Presser Foot (hinged) complete for Lap Seam Felling, for 3/32 in. to 1/2 in. gauges, Nos. 26276, 146712 and 146729
146716	25063	NOTE: When ordering No. 146713, state gauge required.
146717	25063	Throat Plate for 5/32 in. to 3/8 in. gauges, for 146711
146718	25065	NOTE: When ordering No. 146714, state gauge required.
146719	25065	Feed Dog with row of teeth between needles, 13 teeth (10 teeth to the inch) for 3/16 in. to 3/8 in. gauges, for 146718
146720	25065	NOTE: When ordering No. 146715, state gauge required.
146721	25065	Throat Plate for 3/16 in. to 3/8 in. gauges, for 146715
146722	25065	NOTE: When ordering No. 146718, state gauge required.
146723	25065	Bed Slide (right, latch type) for 146723
146724	25065	Bed Slide (right, latch type) complete for Throat Plates with 9/64 in. off-set, Nos. 146688, 146689, 146690, 146691, 146722 and four 1470X
146725	25045	Needle Bar Connecting Link for 146581
146726	25045	Needle Bar Connecting Stud with 175E, for 146581
146727	25058	Presser Foot Plate for 146713
146728	25044	Looper Throw-out Releaser for 146938
146729	25044	Looper Throw-out Releaser Cap for 146938
146730	25044	Looper Holder 146565 with 1664J and 146567
146731	25042	Needle Guard Holder
146732	25042	Needle Guard Holder Bracket
146733	25042	Oil Removing Wick (head end) for 146746 and 146747
146734	25037	Oil Removing Wick (head end) Holder Body for 146746 and 146747
146735	25037	Oil Removing Wick (head end) Holder Body 146745 with 146698 and 146744 (for Agents only)

NUMERICAL LIST OF PARTS

No.	Plate	Name
146747	25037	Oil Removing Wick (head end) Holder Body complete, Nos. 228E, 140553E, 146696, 146698, 146700, 146744 and 146745
146751	25045	Presser Bar Bushing (lower)
146752	25045	Presser Bar Stop with 190J
146753	25059	Presser Foot (triple hinged) complete for 11/32 in. and 3/8 in. gauges, Nos. 37160, 139489, 139490, 146850, 146851 and three 26276
146754	25044	NOTE: When ordering No. 146753, state gauge required.
146761	25057	Looper Throw-out Sleeve for 146938
146762	25057	Presser Foot Plate for 146762
146763	25057	Presser Foot (hinged) complete for plain sewing and French seaming, for 3/32 in. to 3/8 in. gauges, Nos. 26276, 146712 and 146761
146764	25058	NOTE: When ordering No. 146762, state gauge required.
146765	25030	Throat Plate for Lap Seam Felling for 3/32 in. to 1/4 in. gauges, for 131032
146766	25030	NOTE: When ordering No. 146763, state gauge required.
146767	25030	Knee Lifter Chain, 10-1/4 in. with 46865 and 58865, for 146779
146768	25030	Knee Lifter Rock Shaft for 146771
146769	25030	Knee Lifter Rock Shaft Hanger with two wood screws 1 in. No. 16 F.H., for 146771
146770	25030	Knee Lifter Rock Shaft Spring for 146771
146771	25030	Knee Lifter Rock Shaft Stop Dog (back) with 140351AL, for 146771
146772	25030	Knee Lifter Rock Shaft Stop Dog (front) with 140351AL, for 146771
146773	25060	Knee Lifter Rock Shaft complete for 146779, Nos. 1115X, 6337, 7125, 143285, 146765, 146768, 146769, 146770 and two 146766
146774	25060	Feed Dog, 15 teeth (14 teeth to the inch) for 146773
146775	25060	NOTE: When ordering No. 146772, state gauge required.
146776	25060	Throat Plate for 3/32 in.-1/8 in., 5/32 in.-3/16 in., 7/32 in.-1/4 in., 9/32 in.-5/16 in. and 11/32 in.-3/8 in. gauges, for 146772
146777	25069	NOTE: When ordering No. 146773, state gauge required.
146778	25066	Set of Mated Gears for (upper) Shaft consisting of Arm Shaft (upright) Bevel Gear (upper) and Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear for 146652
146779	25030	Throat Plate for 5/32 in. to 3/8 in. gauges, for 146711
146780	25036	NOTE: When ordering No. 146778, state gauge required.
146781	25036	Knee Lifter complete, Nos. 146764 and 146771
146782	25036	Arm Shaft (horizontal) Flanged Bushing (back)
146783	25036	Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump Tube with Holder
146784	25052	Tension Releaser Presser Bar Lifting Lever for 146799
146785	25052	Tension Releaser Tension (looper thread) Releaser for 146801
146786	25052	Tension Releaser Tension (looper thread) Releaser Slide for 146801
146787	25052	Tension Releaser Thread (looper) Uncurler for 146801
146788	25048	Thread (looper) Uncurler
146789	25052	Tension Releaser Thread (looper) Uncurler Plate (back) for 146801
146790	25052	Tension Releaser Thread (looper) Uncurler Plate (front) for 146801
146791	25052	Tension Releaser Tension (looper thread) Releaser complete, Nos. 110C, 68261, 146791 and 146801
146792	25052	Tension Releaser Tension (looper thread) Releaser for 146799, Nos. 110C, 146620, 146794, 146796, 146797 and two each 72C, 207J, 146792 and 146795

No.	Plate	Name
146802	25066	Feed Dog, 17 teeth (16 teeth to the inch) for 3/32 in. and 1/8 in. gauges, for 146803
146803	NOTE:	When ordering No. 146802, state gauge required.
	25057	Throat Plate for plain sewing and French seaming for 3/32 in. to 3/8 in. gauges, for 131032 and 146802
146804	NOTE:	When ordering No. 146803, state gauge required.
	25045	Needle Bar Bushing (lower and upper) Oil Wick for 146805
146805	25045	Needle Bar Bushing (lower and upper) Oil Wick complete, Nos. 146703, 146804 and two 146580
146806	25051	Thread Lubricator Oil Pad Holder for 146807
146807	.....	Thread Lubricator Oil Pad Holder 146806 with 62827, 240439 and 241755, for 146808
146808	.....	Thread Lubricator complete for 146809, Nos. 8068, 17822, 124371 and 146807
146809	25051	Thread Lubricator 146808 with 7071, 21202, 502221, 1402241 and 146810
146810	25051	Thread Lubricator Adaptor for 146809
146820	.....	Bed Slide (right) Latch Type for 146821
146821	.....	Bed Slide (right, latch type) complete for Throat Plates with 3/16 in. off-set, Nos. 146688, 146689, 146690, 146691, 146820 and four 1470X
146823	25054	Feed Dog, 16 teeth (14 teeth to the inch) for French seaming for 7/16 in. and 1/2 in. gauges, for 146826
146824	25054	Presser Foot Plate for 146825
146825	25054	Presser Foot (hinged) complete for French seaming, for 7/16 in. and 1/2 in. gauges, Nos. 26276, 146824 and 146838
146826	25054	Throat Plate for French seaming for 7/16 in. and 1/2 in. gauges, for 146823
146827	NOTE:	When ordering No. 146826, state gauge required.
146828	.....	Bed Slide (right, latch type) for 146828
	.....	Bed Slide (right, latch type) complete for Throat Plates with 3/32 in. off-set, Nos. 146688, 146689, 146690, 146691, 146827 and four 1470X
146829	25038	Arm Top Cover for 146830
146830	.....	Arm Top Cover 146829 with 140676X (for Agents only)
146834	NOTE:	No. 146830 is used to prevent tampering with the stitch set.
146835	25055	Bed Slide (right, button type) for 146835
	25061	Bed Slide (right, button type) complete for Throat Plates with 3/32 in. off-set, Nos. 1423X, 146524, 146525, 146834 and two 240C
146836	25061	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for 146840
146837	NOTE:	When ordering No. 146836, state gauge required.
146838	25056	Presser Foot Plate for 146839
	25056	Presser Foot Shank with 910AL and 16951, for 146825, 146839, 146843 and 161086
146839	25056	Presser Foot (hinged) Complete for Piecing or Goring, for 1/8 in. and 5/32 in. gauges, Nos. 26276, 146837 and 146838
	NOTE:	When ordering No. 146839, state gauge required.
146840	25061	Throat Plate for 5/32 in. to 3/8 in. gauges, for 146836
146841	NOTE:	When ordering No. 146840, state gauge required.
	25064	Feed Dog, 17 teeth (16 teeth to the inch) for 146844
146842	NOTE:	When ordering No. 146841, state gauge required.
146843	25064	Presser Foot Plate for 146843
	25064	Presser Foot (hinged) complete, Nos. 26276, 146838 and 146842
	NOTE:	When ordering No. 146843, state gauge required.
146844	25064	Throat Plate for 3/8 in. to 1/2 in. gauges, for 146841
146845	NOTE:	When ordering No. 146844, state gauge required.
	25042	Needle Guard, for 7/16 in. and 1/2 in. gauges
	NOTE:	When ordering No. 146845, state gauge required.

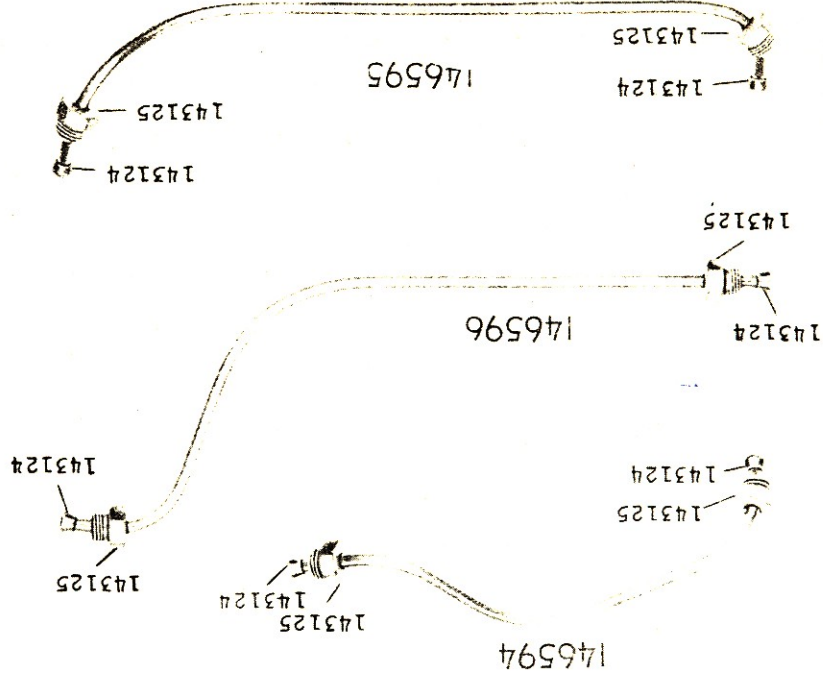
No.	Plate	Name
146846	25054	Bed Slide (right, button type) complete for Throat Plates with 9/64 in. off-set, Nos. 1423X, 146524, 146525, 146848 and two 240C
146847	25067	Bed Slide (right, button type) complete for Throat Plates with 3/16 in. off-set, Nos. 1423X, 146524, 146525, 146849 and two 240C
146848	25054	Bed Slide (right, button type) for 146846
146849	25067	Bed Slide (right, button type) for 146847
146850	25055	Presser Foot Shank for 146615, 146753, 146859, 161097 and 161099
146851	25055	Presser Foot Plate Connection for 146859
146851	25059	Presser Foot Yielding Heel Connection for 146615, 146753, 161097 and 161099
146852	.....	Feed Eccentric 147125 with Feed Eccentric Body for 146652
146854	25056	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for piecing and goring, for 1/8 in. and 5/32 in. gauges, for 146855
	NOTE:	When ordering No. 146854, state gauge required.
146855	25056	Throat Plate for piecing or goring, for 1/8 in. and 5/32 in. gauges, for 146854
	NOTE:	When ordering No. 146855, state gauge required.
146856	25055	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for sleeving and straight run lap seam felling, for 3/16 in., 7/32 in.-1/4 in., 9/32 in.-5/16 in. and 11/32 in.-3/8 in. gauges, for 146860
	NOTE:	When ordering No. 146856, state gauge required.
146858	25055	Presser Foot Yielding Heel for 146859
146859	25055	Presser Foot (triple hinged) complete for sleeving and straight run lap seam felling, for 3/32 in. to 3/8 in. gauges, Nos. 37160, 146850, 146851, 146858, 146862 and three 26276
	NOTE:	When ordering No. 146859, state gauge required.
146860	25055	Throat Plate for sleeving and straight run lap seam felling, for 3/16 in., 7/32 in.-1/4 in., 9/32 in.-5/16 in. and 11/32 in.-3/8 in. gauges, for 146856
	NOTE:	When ordering No. 146860, state gauge required.
146862	25055	Presser Foot Plate for 146859
146877	25037	Bed Leg (front, long)
146897	25044	Looper Ball Crank Arm with 51320AL, for 146923
146904	25044	Looper Throw-out Spring for 146938
146919	.....	Looper Ball Crank Pitman Head (right) with 146948, for 146923 and 146924
146923	25044	Looper Ball Crank Arm 146897 with 1520J, 128551 and 146919
146924	.....	Looper Throw-out Device and Pitman Rod complete, Nos. 1520J, 128551, 146919 and 146938 (for Agents only)
146936	25044	Looper Ball Crank Pitman Rod for 146937
146937	25044	Looper Ball Crank Pitman Rod 146936 with 51769C, for 146938
146938	.....	Looper Ball Crank Pitman Rod with Throw-out Device complete for 146924, Nos. 25043, 501691, 146732, 146733, 146754, 146904, 146937 and two 51159J
146948	25044	Looper Ball Crank Pitman Ball Screw Stud (right) for 146919
147111	25036	Arm Shaft (upright) Bushing (upper)
147125	25036	Feed Eccentric for 146852
150203	25018	Thread Unwinder Spool Rest Cushion (felt) for 151037
150451	25030	Foot Lifter Treadle Shaft Stand for 150452
150452	25030	Foot Lifter Treadle complete, Nos. 4879, 4882, 126249, 126250, 150451 and two wood screws 1 in., No. 16 F.H.
150855	25016	Wrench (socket) Accessories
151032	25018	Thread Unwinder Base with 138R and three wood screws 1 in. No. 12 F.H., for 151037

No.	Plate	Name
151033	25018	Thread Unwinder Spool Rest Bracket for 151037
151034	25018	Thread Unwinder Spool Rest Bracket Rod for 151037
151035	25018	Thread Unwinder Thread Guide for 151037
151037	25018	Thread Unwinder complete, for four spools, Nos. 51276R, 151032, 151033, 151034, two 225257, four each 150203, 151035 and eight each 1521R and 9525
160587	25059	Lap Seam Feller (adjustable) on Shank, for light, medium, medium over light, medium heavy over medium and medium heavy over heavyweight material
	NOTE:	When ordering No. 160587, needle gauge of Machine and weight of material must be stated.
160588	25063	Edge Folder Clamping Plate
160619	25059	Lap Seam Feller (adjustable) on Shank, for light, medium and medium heavy over medium weight material
	NOTE:	When ordering No. 160619, needle gauge of Machine and weight of material must be stated.
160622	25059	Lap Seam Feller on Shank with Yielding (lower) scroll for medium heavy and heavyweight material
	NOTE:	When ordering No. 160622, needle gauge of Machine and weight of material must be stated.
160944	25062	Lap Seam Feller (adjustable) on Shank, for light to heavyweight material
	NOTE:	When ordering No. 160944, needle gauge of Machine and weight of material must be stated.
160945	25055	Lap Seam Feller (adjustable) on Shank, for light to heavy weight material
	NOTE:	When ordering No. 160945, needle gauge of Machine and weight of material must be stated.
160946	25058	Lap Seam Feller (adjustable) on Shank, for light to heavy weight material
	NOTE:	When ordering No. 160946, needle gauge of Machine and weight of material must be stated.
161084	25054	Edge Guide with Adjustable Edge Folder on Shank, for 1/4 in. to 1/2 in. needle gauge
	NOTE:	When ordering No. 161084, state needle gauge required.
161085	25065	Presser Foot Plate for 161086
161086	25065	Presser Foot (hinged) complete for inserting labels and hemming overall pockets, Nos. 26276, 146838 and 161085
	NOTE:	When ordering No. 161086, state gauge required.
161087	25065	Presser Foot Plate for 161089
161088	25065	Presser Foot Shank with 906AL and 1695J, for 161089
161089	25065	Presser Foot (hinged) complete for sewing overall material, Nos. 26276, 161087 and 161088
	NOTE:	When ordering No. 161089, state gauge required.
161090	25065	Hemmer on Shank (turndown) for 5/16 in. to 5/8 in. hem, in steps of 1/16 in., for hemming overall pockets
	NOTE:	When ordering No. 161090, state size of hem and sample material or furnish finished sample and sample material.
161091	25061	Lap Seam Feller (adjustable) on Shank with Yielding lower scroll, for light to heavyweight materials
	NOTE:	When ordering No. 161091, needle gauge of Machine and weight of material must be stated.
161092	25063	Edge Folder with Adjustable Edge Guide on Shank, for 3/16 in. to 1/2 in. needle gauge
	NOTE:	When ordering No. 161092, state needle gauge required.
161093	25062	Lap Seam Feller on Shank for light and medium weight material
	NOTE:	When ordering No. 161093, needle gauge of Machine and weight of material must be stated.
161095	25068	Presser Foot Plate for 161097
161096	25068	Presser Foot Yielding Heel for 161097

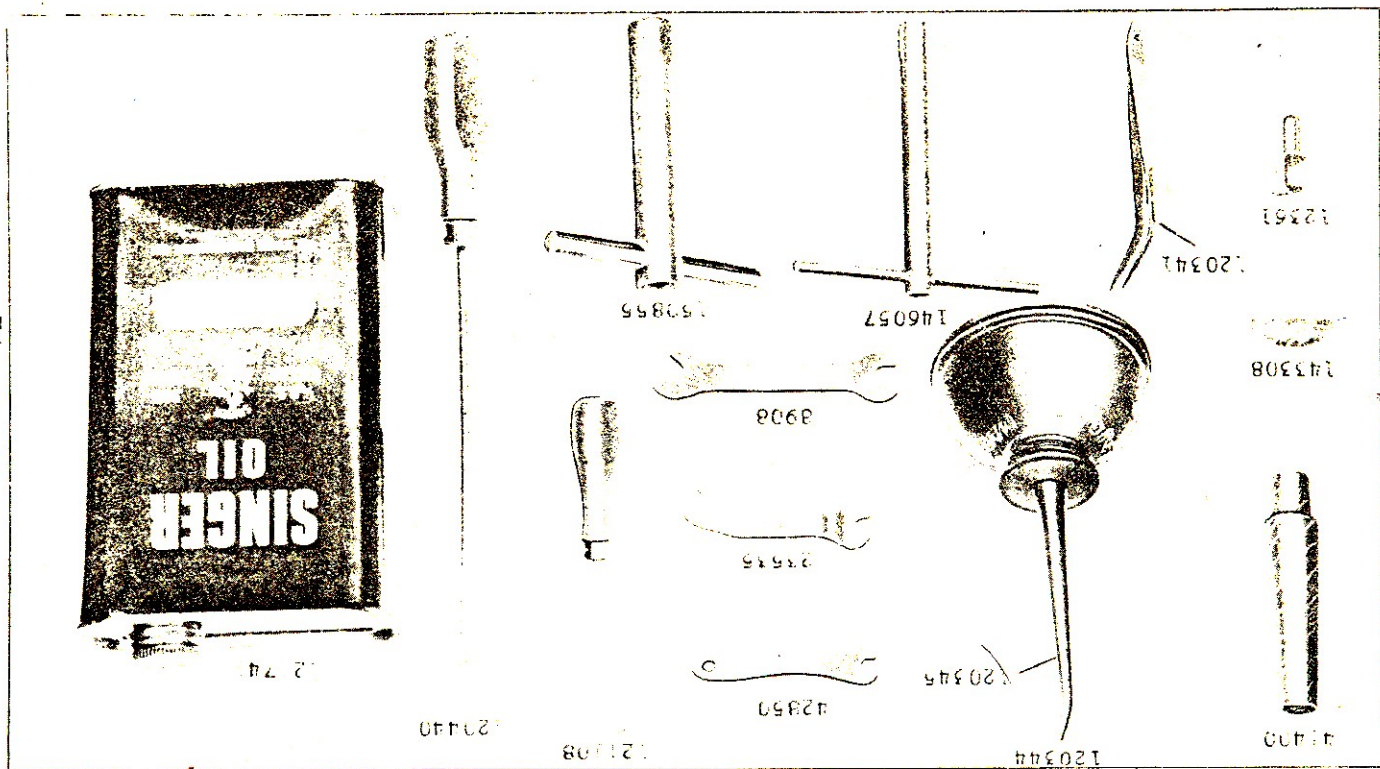
No.	Plate	Name
161097	25068	Presser Foot (triple hinged) complete, Nos. 37160, 146850, 146851, 161095, 161096 and three 26276
	NOTE:	When ordering No. 161097, state gauge required.
161098	25067	Presser Foot Plate for 161099
161099	25067	Presser Foot (triple hinged) complete, Nos. 37160, 139134, 146850, 146851, 161098 and three 26276
	NOTE:	When ordering No. 161099, state gauge required.
161100	25067	Feed Dog with row of teeth between needles, 17 teeth (14 teeth to the inch) for 161101
	NOTE:	When ordering No. 161100, state gauge required.
161101	25067	Throat Plate for 11/32 in. to 1/2 in. gauges, for 161100
	NOTE:	When ordering No. 161101, state gauge required.
164232	25040	Looper Ball Crank Connection Ball Sleeve Guide for 146558
201018C	25018	Thread Unwinder Spool Rest Set Screw for 225257
225257	25018	Thread Unwinder Spool Rest with 201018C, for 151037
240439	25051	Thread Lubricator Oil Pad Retainer for 146807
241755	25051	Thread Lubricator Oil Pad (felt) for 146807

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

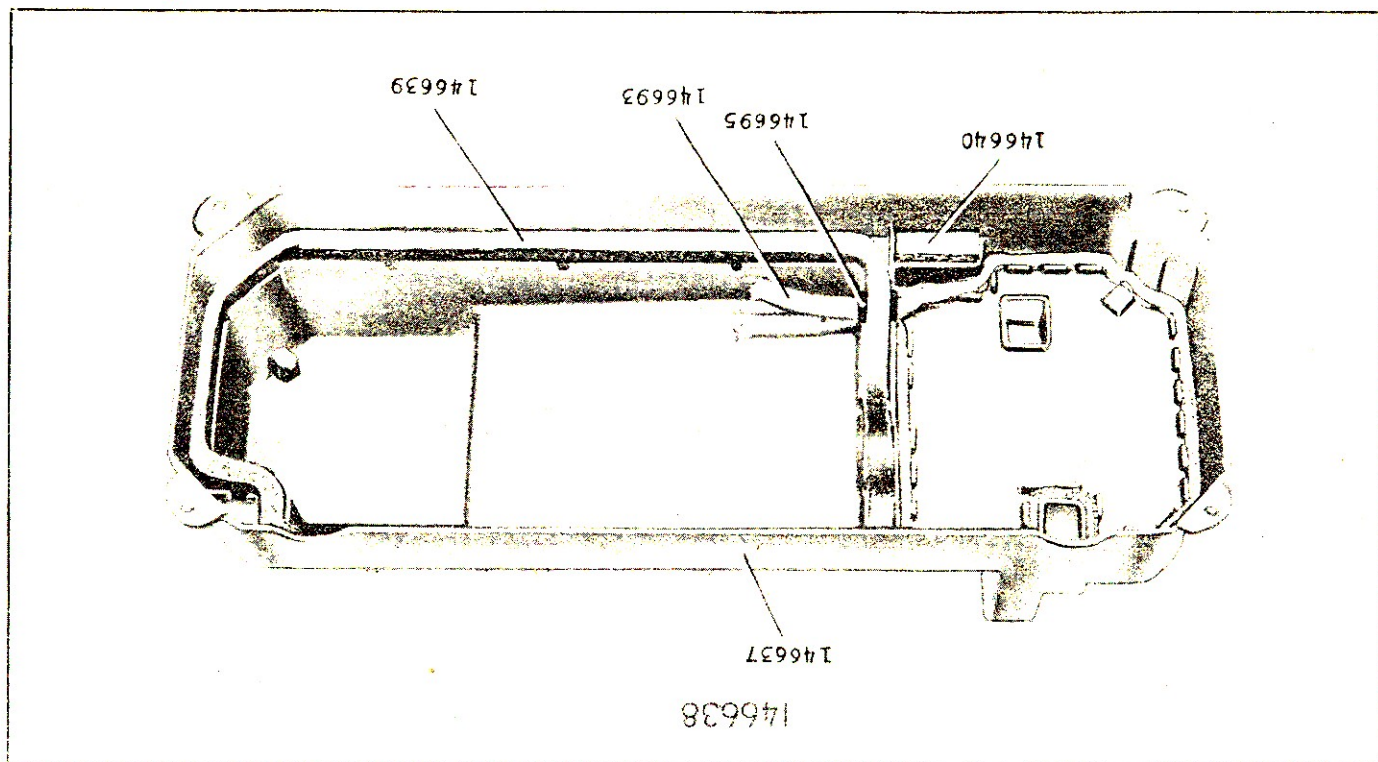
Needles in Containers marked
"FOR SINGER MACHINES"
are NOT SINGER made needles. ²



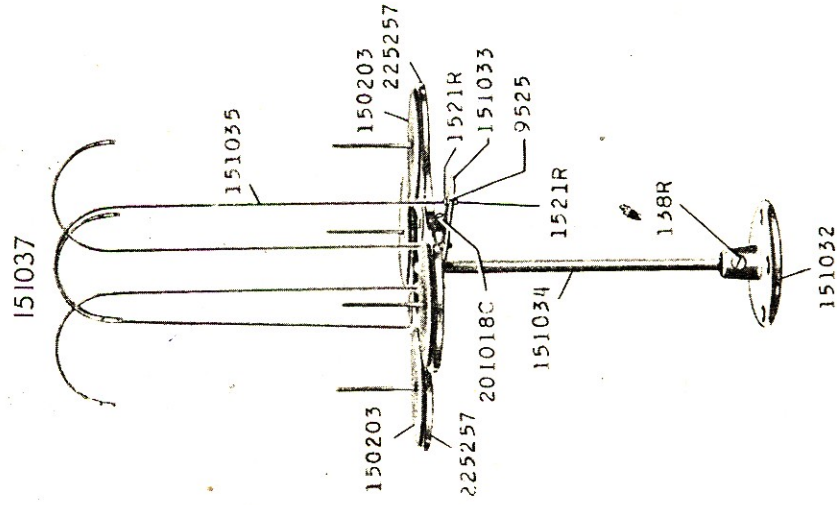
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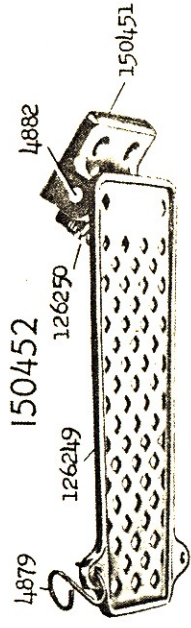
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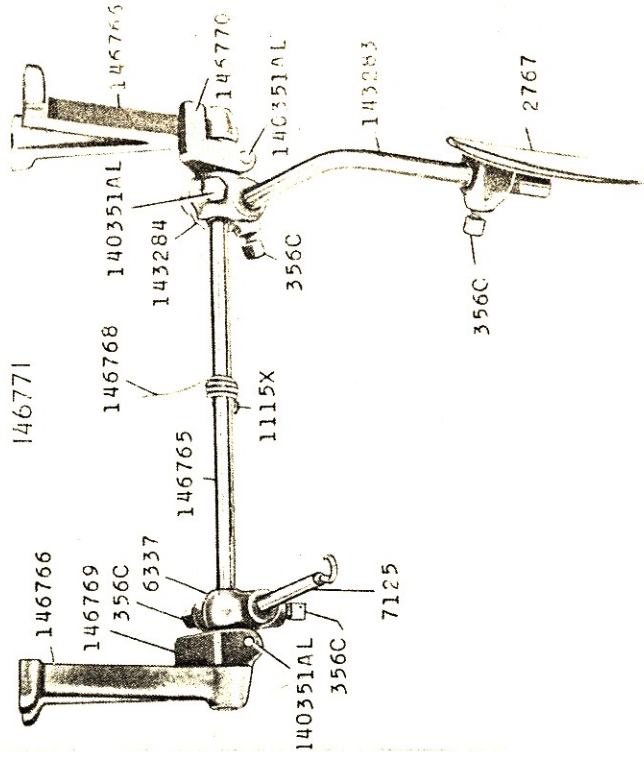
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25030 - 1/4



146779

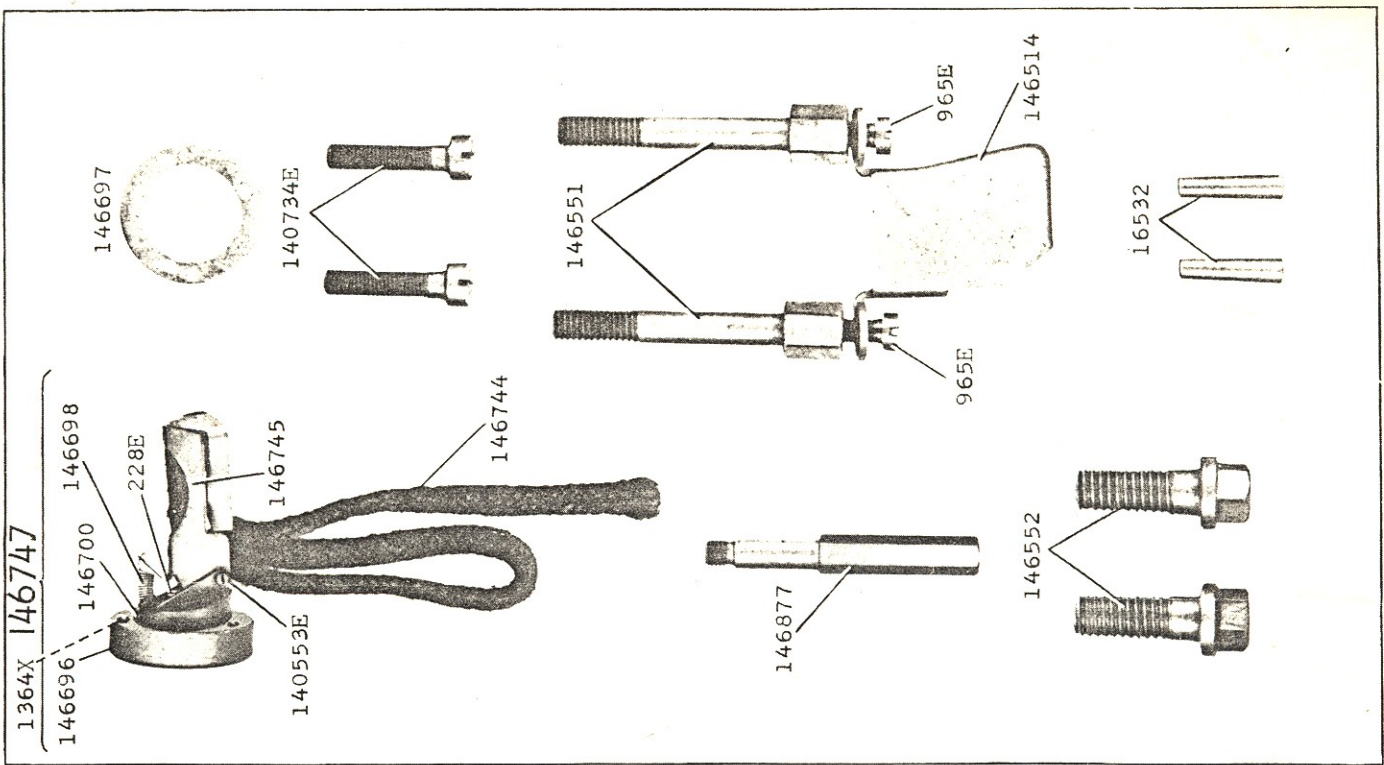


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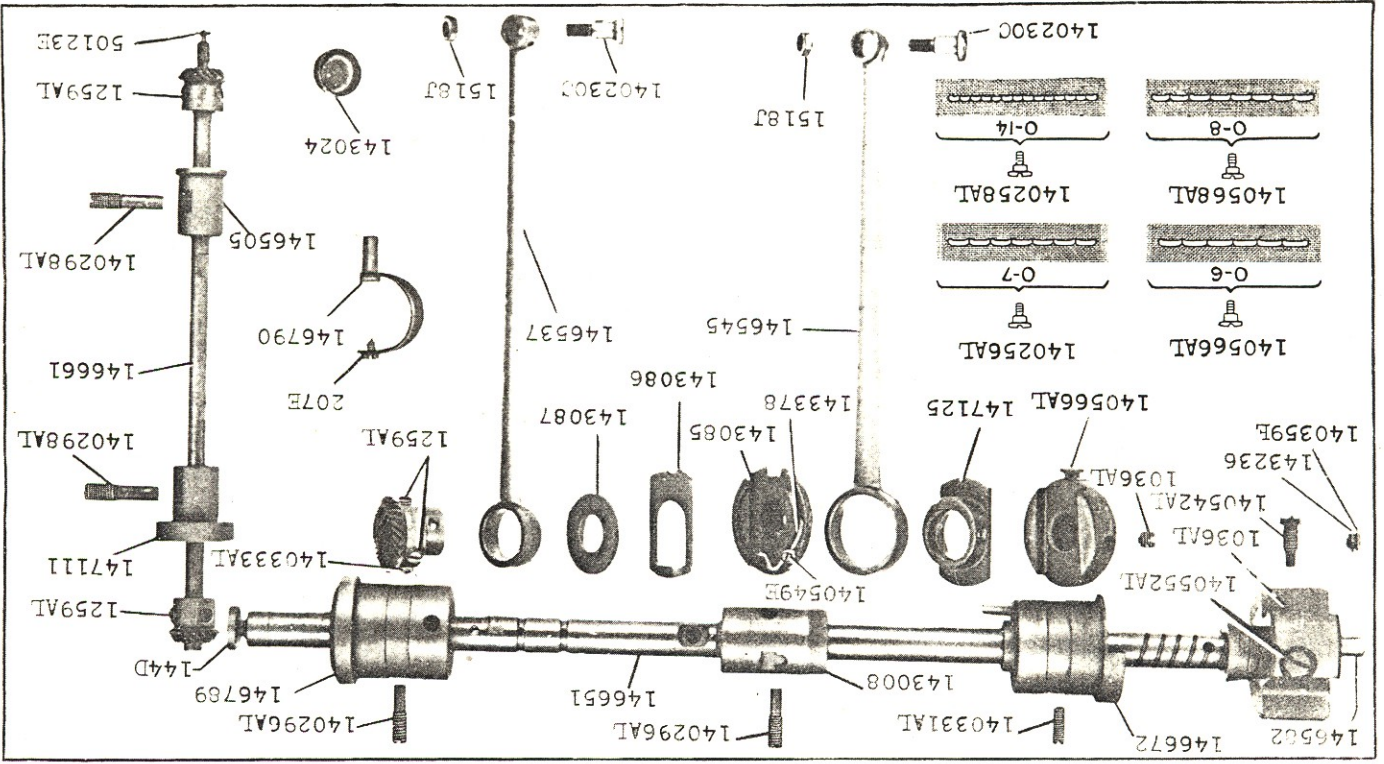
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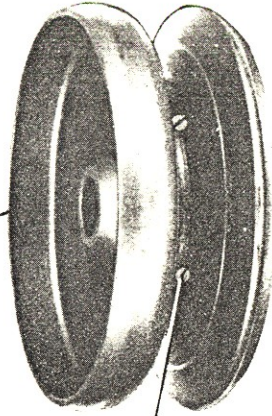


25036-1/3



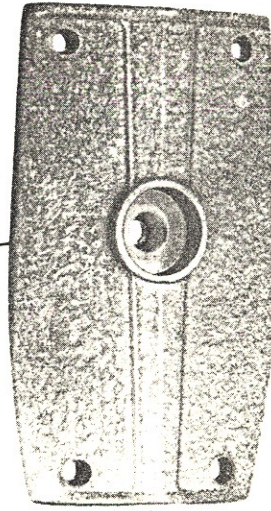
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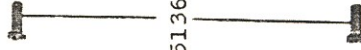
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146829



51369R

51369R



140676X

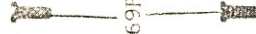
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146506



51369R

51369R



146508



146509



64519

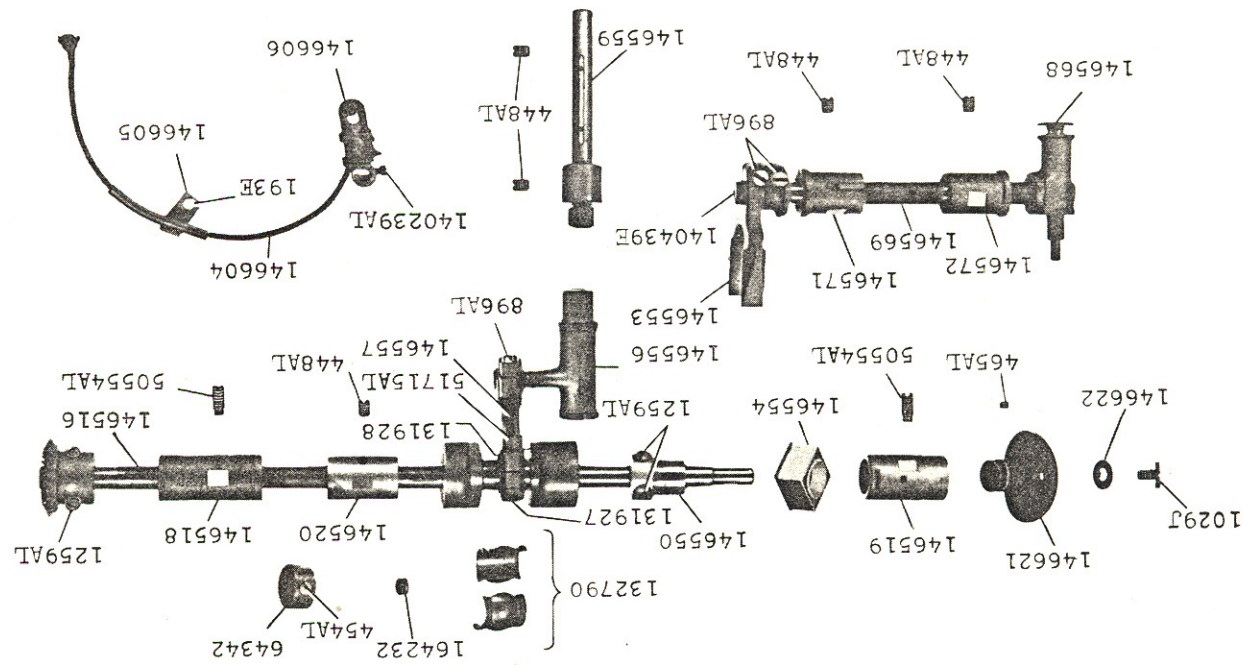


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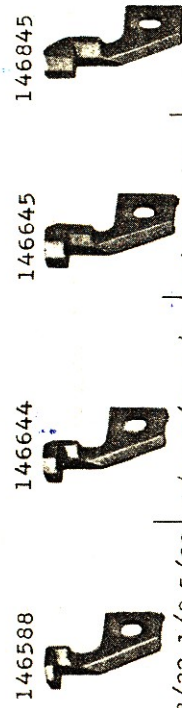
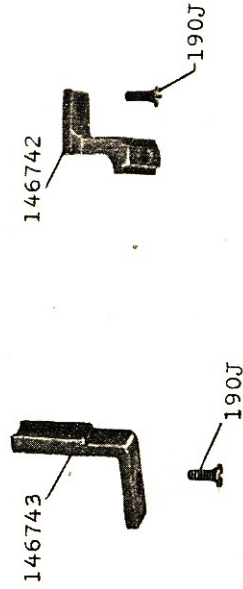
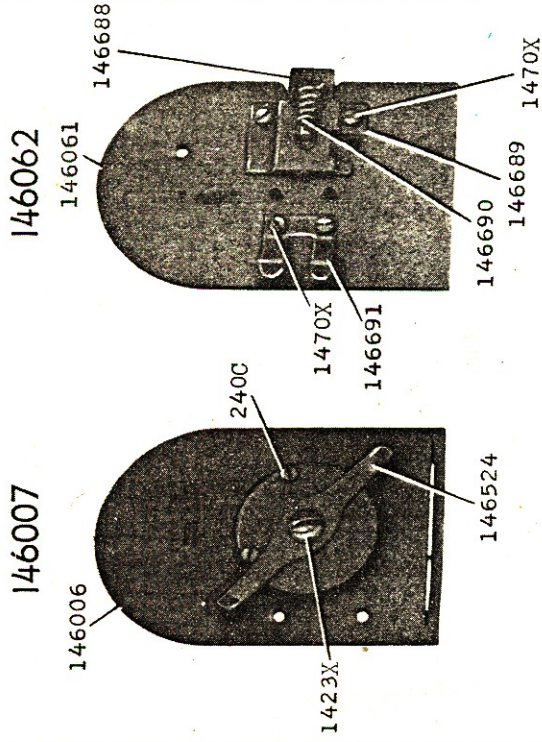


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25042-1/2



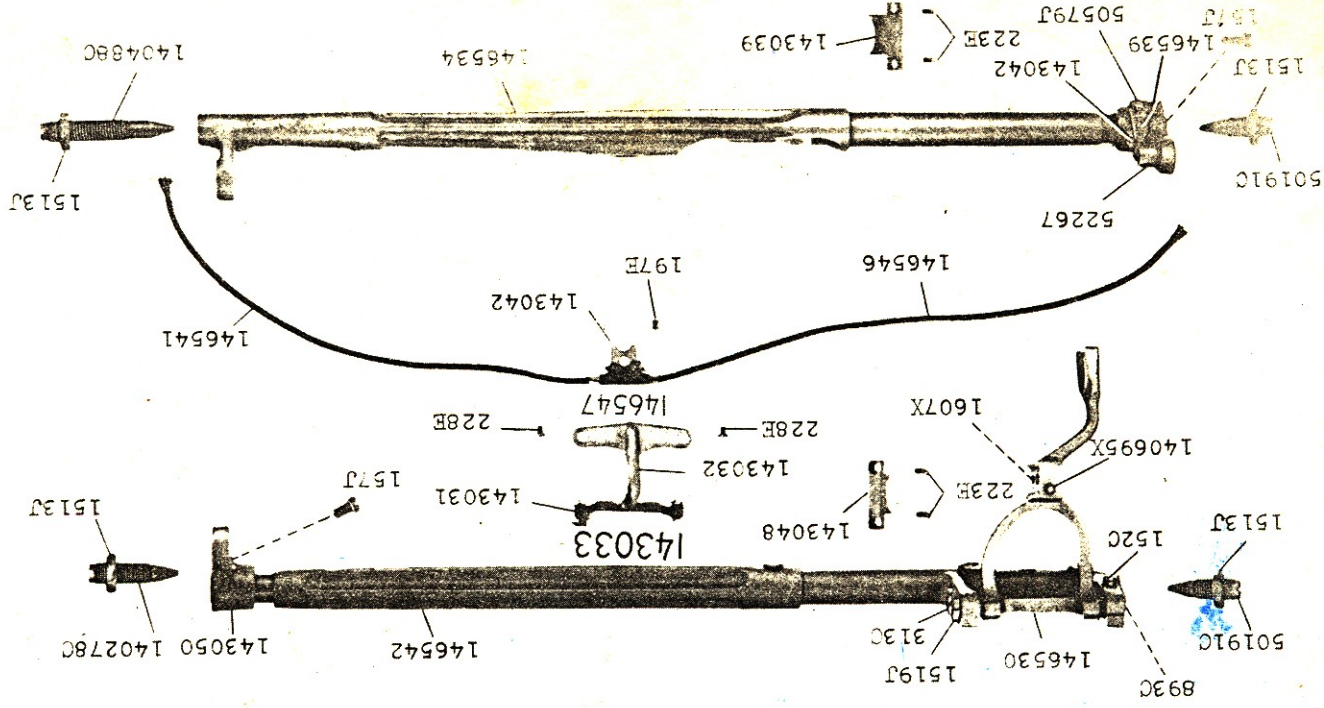
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25043-1/3



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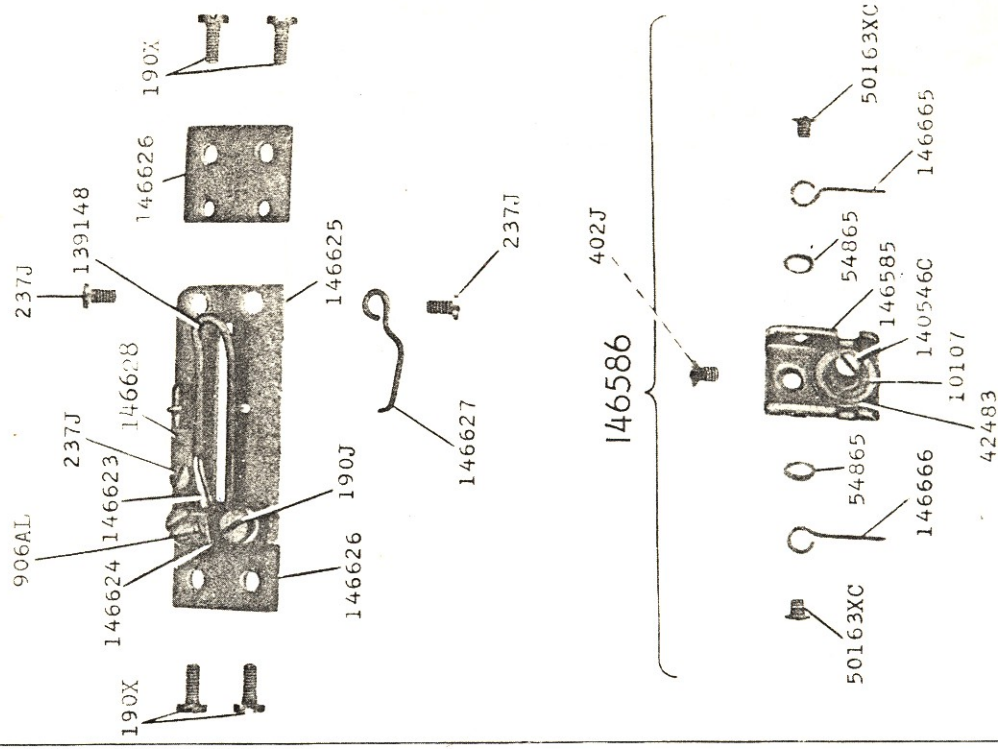
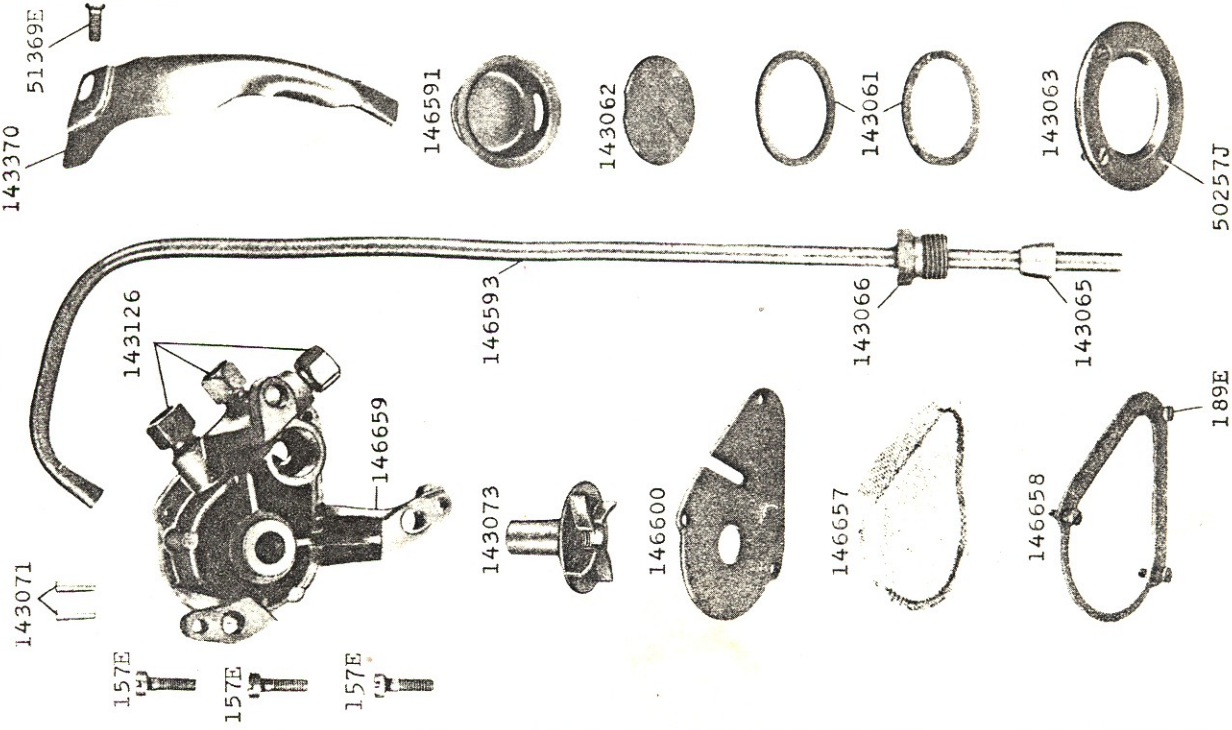
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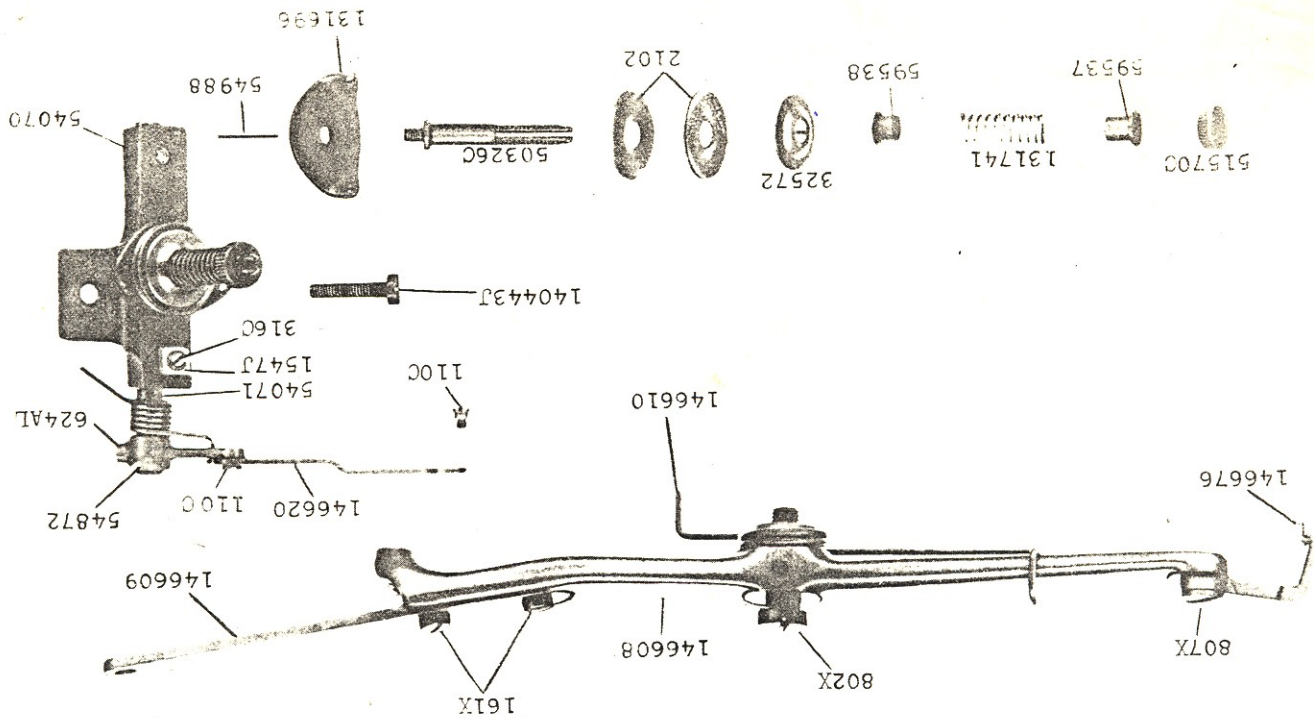
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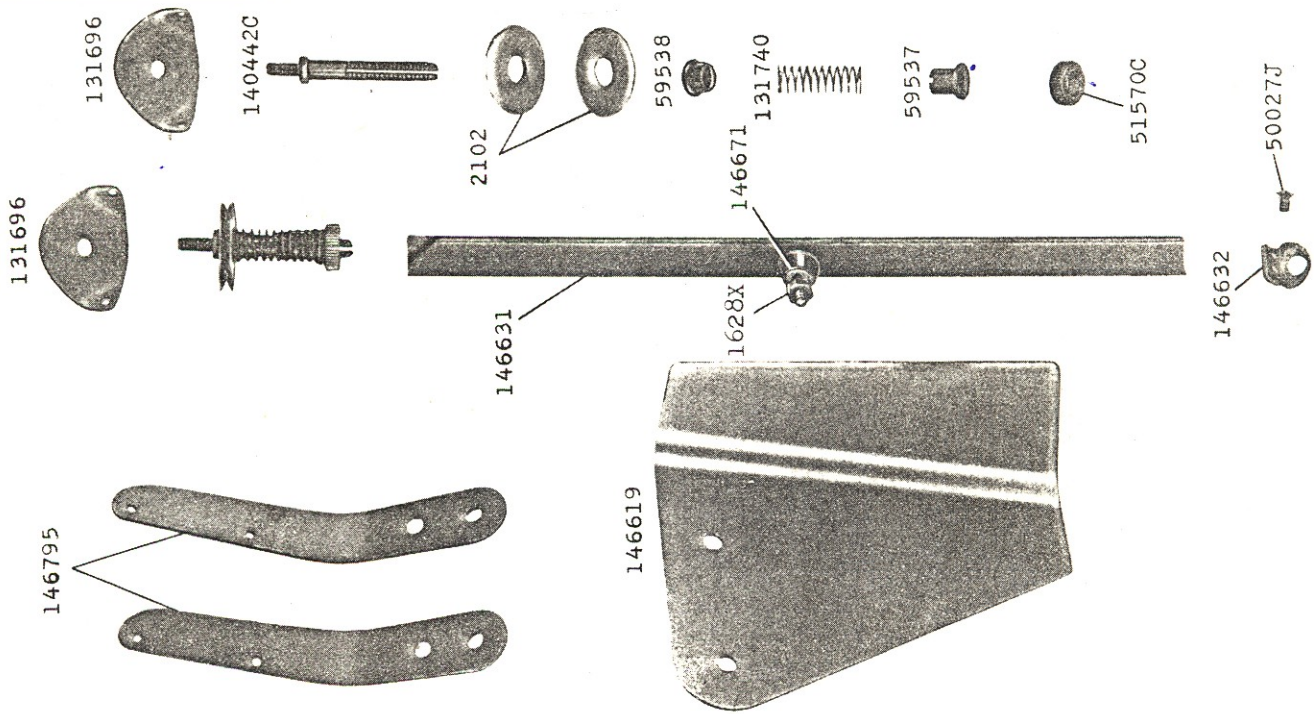
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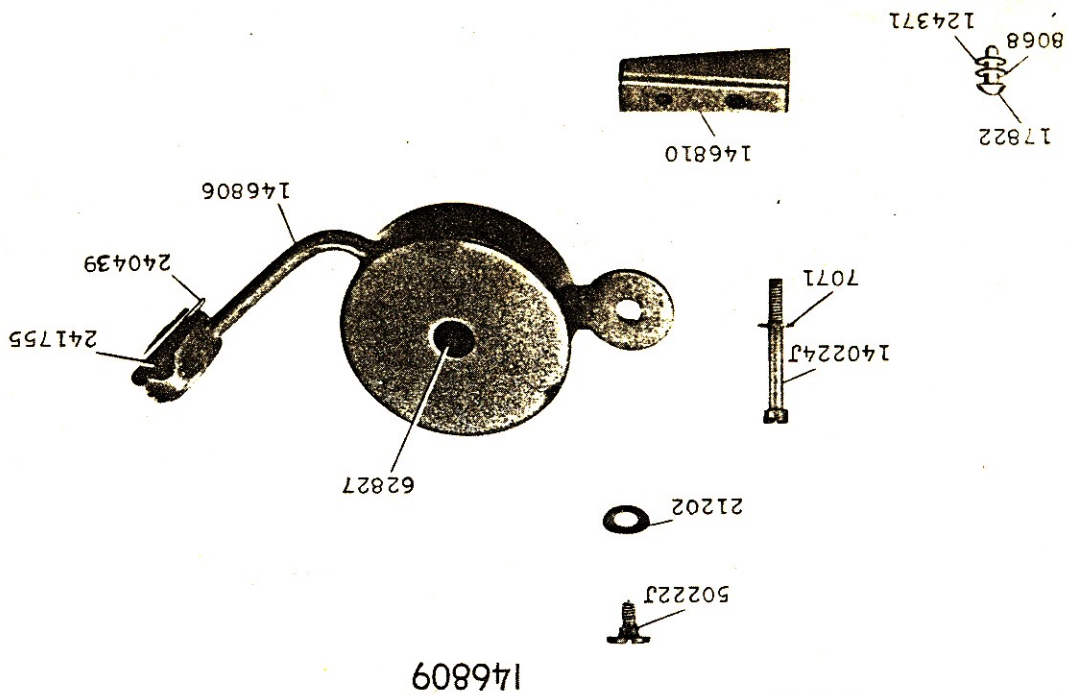
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25048-1/2

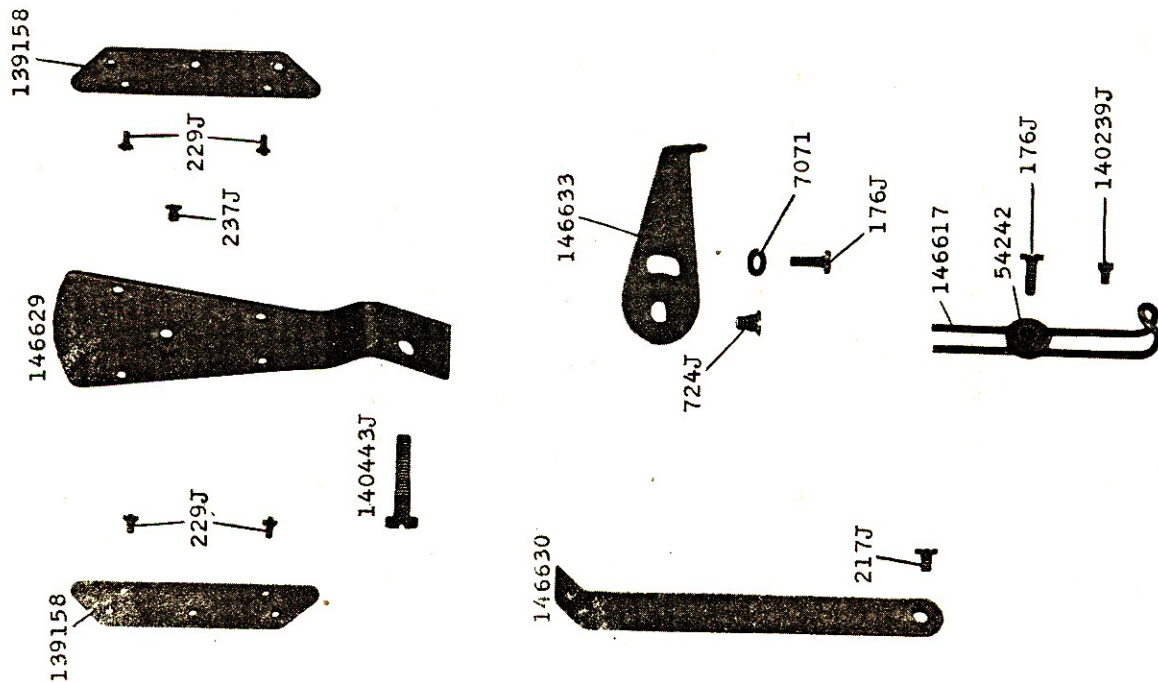


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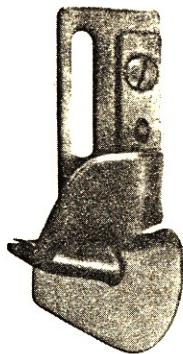
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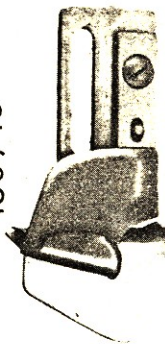


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160945



160946

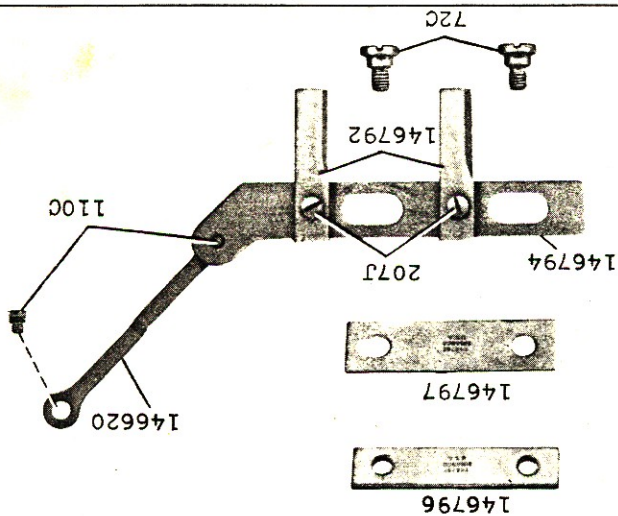


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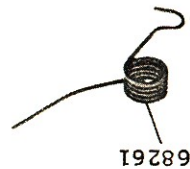
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146795



146795

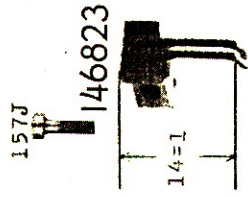


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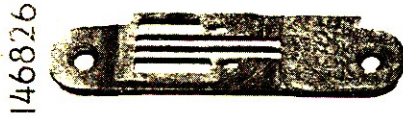
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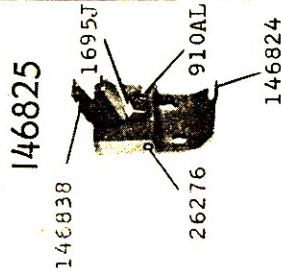
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691F

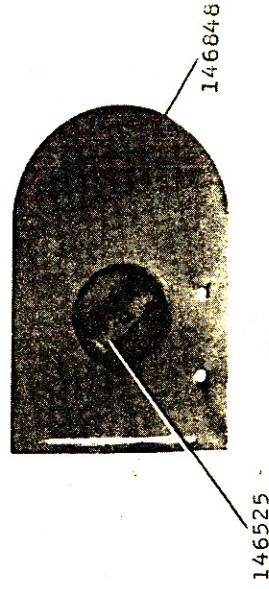


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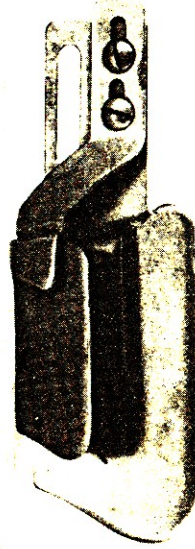
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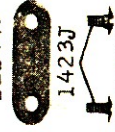


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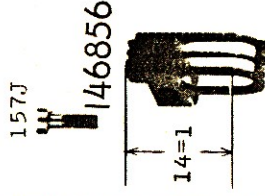


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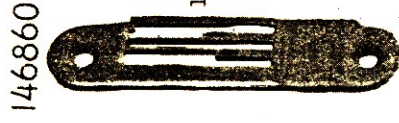
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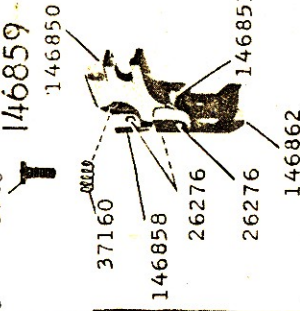


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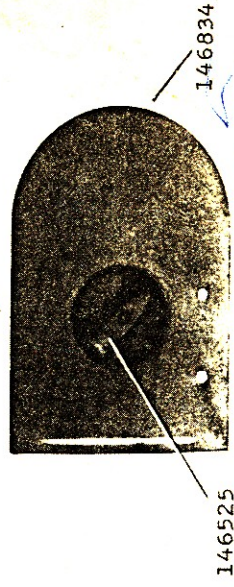


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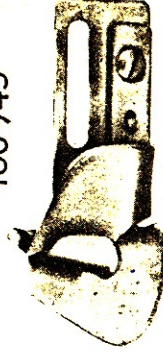
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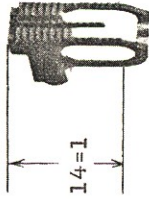


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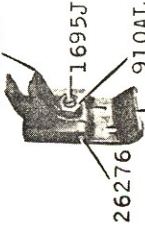
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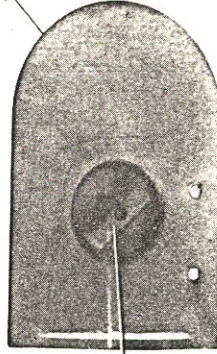
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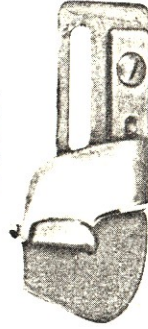
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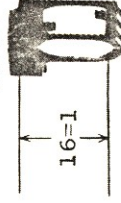
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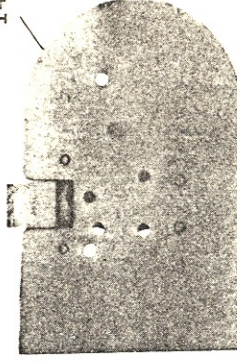
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3/32, 1/8, 5/32, 3/16, 7/32, 1/4

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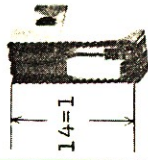
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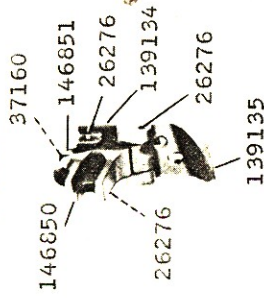
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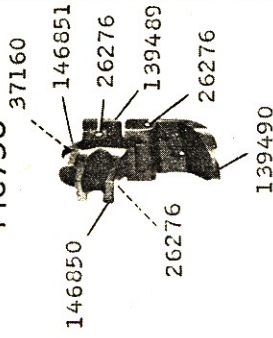
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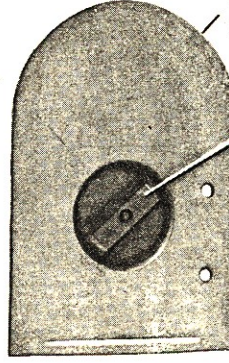
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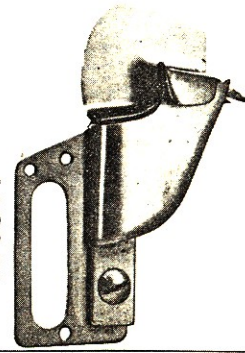


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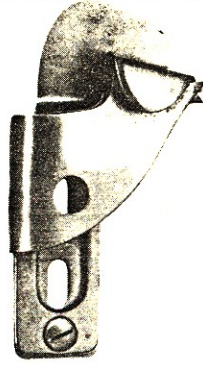


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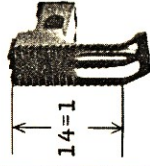
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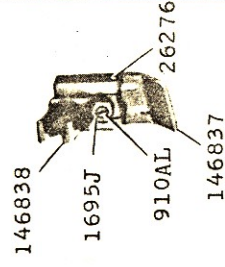
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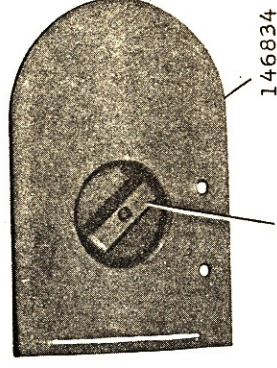
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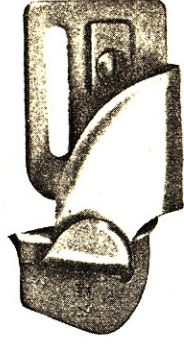


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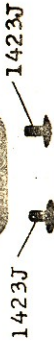


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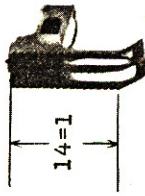


1423J

3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8

5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8

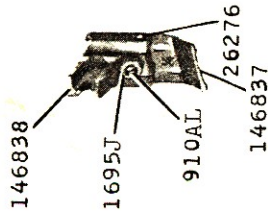
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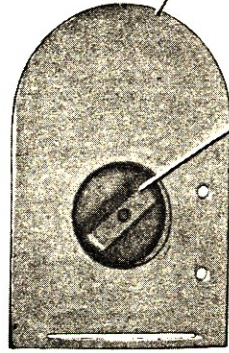
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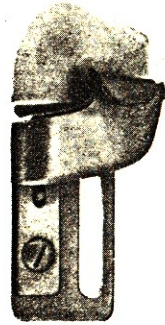
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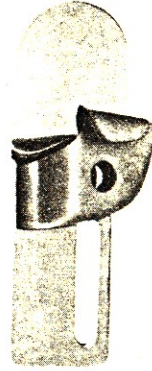
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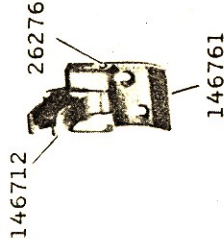
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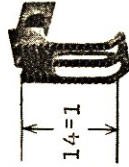
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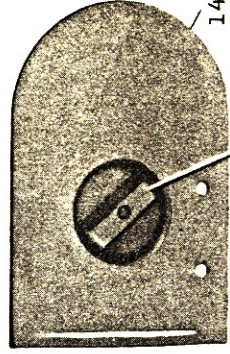
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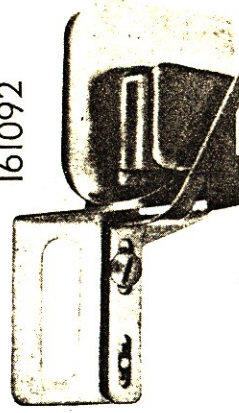
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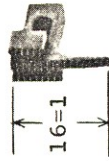
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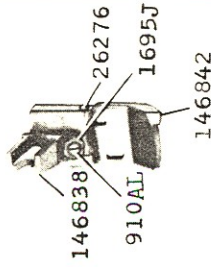
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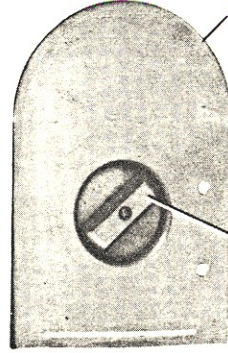
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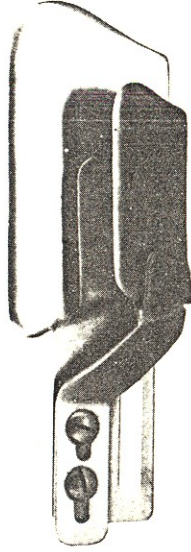
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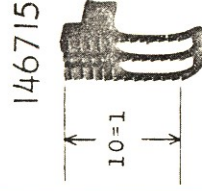
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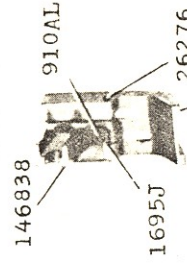
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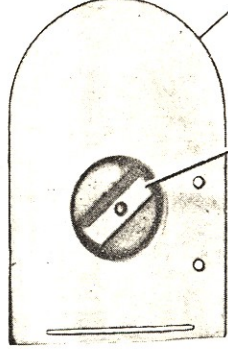
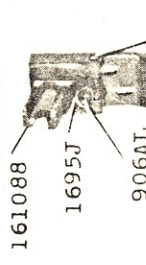


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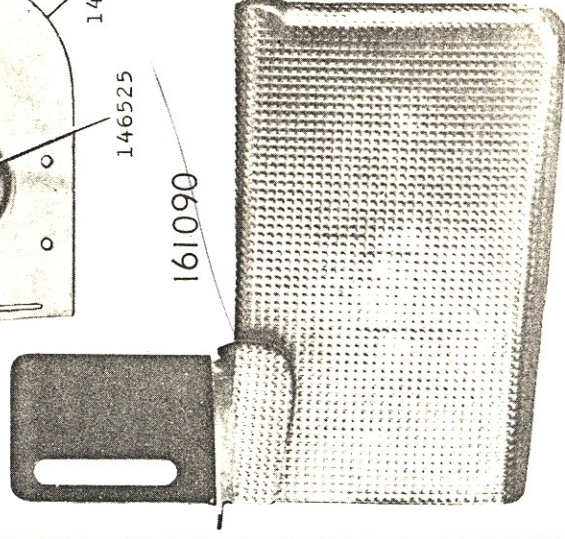


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