

SINGER

301-1,-2,-3

CSMP

INDEX

LIST OF PARTS FOR FAMILY SHOPS



SINGER** MACHINES Nos. 301-1, 301-2 and 301-3

THE SINGER MANUFACTURING COMPANY

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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

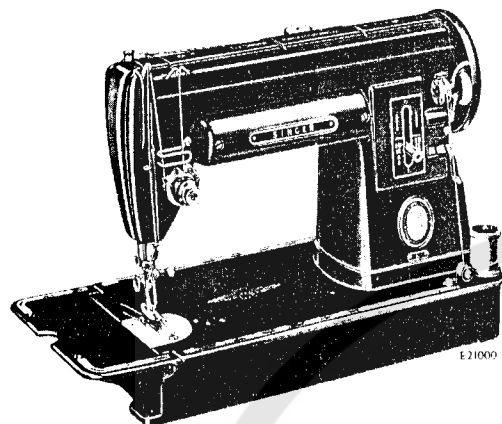
2001 to 50000 and 52001 to 140000 and 142001 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts.

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.

LIST OF PARTS COMPLETE

FOR



MACHINE NO. 301-1

PORTABLE FAMILY MACHINE. HORIZONTAL ROTATING
HOOK. ADJUSTABLE REVERSE FEED. MOTOR DRIVEN

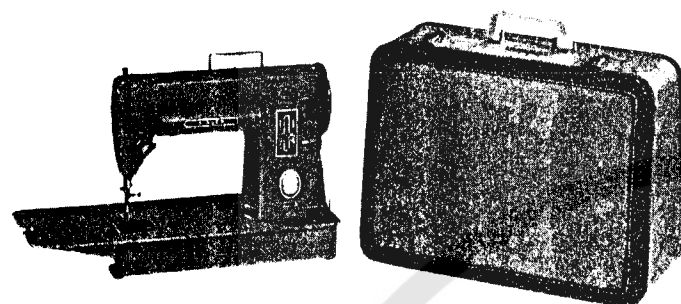
No.	Plate	Name
*170001		Arm
*170108		Arm 170001 with 45707, 170005 and 170132
NOTE: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent as a unit, Arm and Bed assembled.		
4389	25768	Arm Dowel Pin (2)
170031	25768	Arm Oil Shield
140739E	25768	Arm Screw (3)
170003	25768	Arm Shaft (horizontal) with 1259AL and 140511AL
140558AL	25768	Arm Shaft (horizontal) Bevel Gear, Feed Cam and Feed Lifting Eccentric Set Screw
170005	25768	Arm Shaft (horizontal) Bushing (2)
170006	25768	Arm Shaft (horizontal) Collar with 453AL
453AL	25768	Arm Shaft (horizontal) Collar Set Screw
170007	25768	Arm Shaft (horizontal) Counterbalance
140559C	25768	Arm Shaft (horizontal) Counterbalance Screw
170008	25768	Arm Shaft (upright)
1259AL	25768	Arm Shaft (upright) Bevel Gear (lower) Set Screw (2)
1259AL	25768	Arm Shaft (upright) Bevel Gear (upper) Set Screw (2)
45707	25768	Arm Shaft (upright) Bushing (lower)
170132	25768	Arm Shaft (upright) Bushing (upper)
170016	25769	Arm Spool Pin (spring)
8879	25769	Arm Spool Pin Washer (cloth)
170010	25769	Arm Top Cover
170011	25769	Arm Top Cover 170010 with 906AL, 170014, 170015 and three 170013
170012	25769	Arm Top Cover complete, Nos. 170011, 170056 and two each 140740J, 170057 and 170058
170013	25769	Arm Top Cover Oil Wick (3)
141X	25769	Arm Top Cover Screw (2)
170014	25769	Arm Top Cover Thread Guide (back)

No.	Plate	Name
906AL	25769	Arm Top Cover Thread Guide (back) Set Screw
170015	25769	Arm Top Cover Thread Guide (front)
*170023		Bed
*170110		Bed 170023 with 170078, 170079 and two 448AL
NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent as a unit, Arm and Bed assembled.		
170024	25770	Bed Cover Plate (bottom)
170025	25770	Bed Cover Plate (bottom) 170024 with 170026
170026	25770	Bed Cover Plate (bottom) (felt)
51361R	25770	Bed Cover Plate (bottom) Screw
51621R	25770	Bed Cover Plate (bottom) Screw Thumb Nut
8879	25770	Bed Cover Plate (bottom) Screw Thumb Nut Washer (cloth)
45780	25770	Bed Cushion (rubber) (4)
140560E	25770	Bed Cushion Screw (4)
170027	25770	Bed Extension
NOTE: When ordering No. 170027, color required, Beige or Black must be stated.		
140585ZA	25770	Bed Extension Hinge Screw (back)
51108ZA	25770	Bed Extension Hinge Screw (front)
170130	25770	Bed Extension Hinge Screw (front) Friction Washer
170131	25770	Bed Extension Hinge Screw (front) Washer
51738ZB	25769	Clamp Stop Motion Clamp Nut
50087ZA	25769	Clamp Stop Motion Clamp Stop Screw
170028	25769	Clamp Stop Motion Clamp Washer
170029	25772	Face Plate
170034	25772	Face Plate 170029 with two 170032
170030	25772	Face Plate Catch
237J	25772	Face Plate Catch Screw
170032	25772	Face Plate Hinge Pin (2)
170033	25772	Face Plate Thread Guard
207J	25772	Face Plate Thread Guard Screw
170035	25772	Face Plate complete Nos. 207J, 237J, 170030, 170033 and 170034
NOTE: When ordering No. 170035, color required, Beige or Black must be stated.		
170036	25773	Feed Bar
170037	25773	Feed Bar Connecting Link
999C	25773	Feed Bar Connecting Link Hinge Screw
45723	25773	Feed Bar Connecting Link Hinge Stud
315C	25773	Feed Bar Screw Center (2)
15445		Feed Bar Screw Center 315C with 1519R (2)
1519R	25773	Feed Bar Screw Center Nut (2)
170038	25773	Feed Bar Throw-out Lever
170148	25773	Feed Bar Throw-out Lever Clamp Disc (sleeve)
170149	25773	Feed Bar Throw-out Lever Screw
170150		Feed Bar Throw-out Lever Screw 170149 with 170151
1718X	25773	Feed Bar Throw-out Lever Screw Nut
170151	25773	Feed Bar Throw-out Lever Screw Thumb Nut
170040	25773	Feed Bar Throw-out Lever Spring
442E	25773	Feed Bar Throw-out Lever Stop Screw
1735E	25773	Feed Bar Throw-out Lever Stop Screw Nut
170041	25773	Feed Bar Throw-out Lever Stop Screw Plate
1094E	25773	Feed Bar Throw-out Lever Stop Screw Plate Screw
125349	25773	Feed Bar Throw-out Lever Retaining Ring
170044	25774	Feed Dog, 12 teeth (14 teeth to the inch) for 170152
208AL	25774	Feed Dog Screw (2)
170045	25768	Feed Forked Connection with 175R and 170119
175R	25768	Feed Forked Connection Clamping Screw
51353C	25768	Feed Forked Connection Hinge Screw (eccentric)
1520R	25768	Feed Forked Connection Hinge Screw Nut
170046	25768	Feed Forked Connection Slide Block
170119		Feed Forked Connection Slide Block 170046 with 1085E

No.	Plate	Name
1085E	25768	Feed Forked Connection Slide Block Screw Stud
170047	25773	Feed Lifting Rock Shaft
170049	25773	Feed Lifting Rock Shaft Center (2)
140702AL	25773	Feed Lifting Rock Shaft Center Set Screw (2)
170051	25768	Feed Lifting Rock Shaft Connecting Rod with two 896AL
896AL	25768	Feed Lifting Rock Shaft Connecting Rod Cap Screw (2)
140576C	25768	Feed Lifting Rock Shaft Connecting Rod Hinge Screw (eccentric)
1520R	25768	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut
170052	25768	Feed Regulator
140611E	25768	Feed Regulator Hinge Screw
8217	25768	Feed Regulator Hinge Screw Friction Washer
170053	25768	Feed Regulator Screw Stud
51739ZB	25768	Feed Regulator Screw Stud Thumb Nut
170054	25773	Feed Rock Shaft
170049	25773	Feed Rock Shaft Center (2)
140702AL	25773	Feed Rock Shaft Center Set Screw (2)
170055	25773	Feed Rock Shaft Clearance Hole Cover
170017	25769	Hand Wheel
170018	25769	Hand Wheel 170017 with three 125358
170019	25769	Hand Wheel Gear
170020	25769	Hand Wheel Gear Spring
125358	25769	Hand Wheel Gear Spring Cushion Pin (3)
170021	25769	Hand Wheel Snap Ring
170022	25769	Hand Wheel complete, Nos. 170018, 170019, 170020 and 170021
NOTE: When ordering No. 170022, color required, Beige or Black must be stated.		
170056	25769	Machine Handle
NOTE: When ordering No. 170056, color required, Beige or Black, must be stated.		
170057	25769	Machine Handle Hinge Pin (2)
170058	25769	Machine Handle Spring (2)
140740J	25769	Machine Handle Spring Screw (2)
170137	25775	Needle Bar (hollow)
170061	25775	Needle Bar Bushing
454AL	25775	Needle Bar Bushing Set Screw
170142	25775	Needle Bar Connecting Link
170143		Needle Bar Connecting Link 170142 with 45739
45739	25775	Needle Bar Connecting Stud with 51363E
51363E	25775	Needle Bar Connecting Stud Clamping Screw
140511AL	25768	Needle Bar Crank Position Screw
45354	25775	Needle Bar Thread Guard (lower)
170133	25775	Needle Bar Thread Guard (upper)
665ZB	25775	Needle Bar Thread Guard Screw (2)
45877		Needle Clamp Body with 140545ZC
45878	25775	Needle Clamp Body 45877 with 51308ZJ
170138	25775	Needle Clamp Gib and Thread Guard
51308ZJ	25775	Needle Clamp Position Screw
140545ZC	25775	Needle Clamp Thumb Screw
170063	25775	Presser Bar (hollow)
170064	25775	Presser Bar Bushing
454AL	25775	Presser Bar Bushing Set Screw
170065	25775	Presser Bar Guide Bracket with 453AL
453AL	25775	Presser Bar Guide Bracket Set Screw
170066	25775	Presser Bar Lifter
85E	25775	Presser Bar Lifter Hinge Screw
170067	25775	Presser Bar Spring
170068		Presser Bar Spring 170067 with 33624
170071	25774	Presser Foot (hinged) complete
140240ZB	25774	Presser Foot Thumb Screw
140586ZB	25775	Pressure Regulating Thumb Screw
33624	25775	Pressure Regulating Thumb Screw Extension Pin

No.	Plate	Name
170135	25776	Rotating Hook with two 462AL
170158	25776	Rotating Hook 170135 with 140694F, 170128, 170160, 170166, 200145C and 200614C
170167		Rotating Hook 170135 with 140694F, 170160 and 200614C (for Agents only)
170159	25776	Rotating Hook (with Yielding Gib) and Bobbin Case complete, Nos. 45751 and 170158
45785	25777	Rotating Hook Bobbin
45751	25776	Rotating Hook Bobbin Case complete, Nos. 45789, 200592C, 200964E, 201016F, 206736 and 210736
170166	25776	Rotating Hook Bobbin Case Base
206735	25776	Rotating Hook Bobbin Case Latch
206736	25776	Rotating Hook Bobbin Case Latch 206735 with 206731 and 206737
206731	25776	Rotating Hook Bobbin Case Latch Fulcrum Pin
206737	25776	Rotating Hook Bobbin Case Latch Lever
210736	25776	Rotating Hook Bobbin Case Latch Spring
200964E	25776	Rotating Hook Bobbin Case Latch Stop Screw
170082	25774	Rotating Hook Bobbin Case Position Plate
170083	25774	Rotating Hook Bobbin Case Position Plate 170082 with 170084, 170085 and two 51159J
170084	25774	Rotating Hook Bobbin Case Position Plate Spring (back)
170085	25774	Rotating Hook Bobbin Case Position Plate Spring (front)
51159J	25774	Rotating Hook Bobbin Case Position Plate Spring Screw (2)
233ZJ	25774	Rotating Hook Bobbin Case Position Plate Screw (2)
45789	25776	Rotating Hook Bobbin Case Tension Spring
201016F	25776	Rotating Hook Bobbin Case Tension Spring Regulating Screw
200592C	25776	Rotating Hook Bobbin Case Tension Spring Screw
170095	25776	Rotating Hook Collar and Counterbalance with 447AL
447AL	25776	Rotating Hook Collar and Counterbalance Set Screw
170160	25776	Rotating Hook Gib
200614C	25776	Rotating Hook Gib Hinge Screw
140694F	25776	Rotating Hook Gib Screw
170128	25776	Rotating Hook Loop Guard
200145C	25776	Rotating Hook Loop Guard Screw
462AL	25776	Rotating Hook Set Screw
170077	25776	Rotating Hook Shaft
1259AL	25776	Rotating Hook Shaft Bevel Gear Set Screw
170078	25776	Rotating Hook Shaft Bushing (back)
170079	25776	Rotating Hook Shaft Bushing (front)
448AL	25776	Rotating Hook Shaft Bushing Set Screw (2)
170081	25776	Rotating Hook Shaft Collar with 465AL
465AL	25776	Rotating Hook Shaft Collar Set Screw
*170140		Set of Mated Gears for Lower Shaft
NOTE: No. 170140 is not supplied to U.S.A. Agencies. Machine must be returned to factory for gear replacements.		
*170141		Set of Mated Gears for Upper Shaft
NOTE: No. 170141 is not supplied to U.S.A. Agencies. Machine must be returned to factory for gear replacements.		
45863	25772	Slack Thread Regulator and Tension Thread Guide
335R	25772	Slack Thread Regulator and Tension Thread Guide Screw
170086	25768	Stitch Indicator Plate
51384X	25768	Stitch Indicator Plate Screw (2)
2102	25772	Tension Disc (2)
125415	25772	Tension Indicator
45864	25772	Tension Indicator Flange
45865	25772	Tension Indicator Flange Stop Washer
51681ZB	25772	Tension Regulating Thumb Nut with 45339
45339	25772	Tension Regulating Thumb Nut Engaging Pin
170088	25772	Tension Releasing Lever
140563C	25772	Tension Releasing Lever Hinge Screw
12329	25772	Tension Releasing Lever Spring

No.	Plate	Name
45341	25772	Tension Releasing Pin
45869	25772	Tension Spring
140167ZJ	25772	Tension Stud
45870		Tension Stud 140167ZJ with 51681ZB
140710AL	25772	Tension Stud Set Screw
170139	25772	Tension (graduated) complete, Nos. 45341, 45864, 45865, 45869, 45870, 45873, 66774, 125415 and two 2102
170091	25775	Thread Cutter and Holder
170093	25772	Thread Guard (head of arm)
330ZA	25772	Thread Guard (head of arm) Screw
45820	25775	Thread Take-up Crank
1259AL	25768	Thread Take-up Crank Set Screw
45821	25775	Thread Take-up Lever
45822		Thread Take-up Lever complete, Nos. 45821, 45824 and 45825
170163	25775	Thread Take-up Lever 45822 with 1130E, 45820, 140465E, 170143 and 170164
140465E	25775	Thread Take-up Lever Cap Screw
45824	25775	Thread Take-up Lever Hinge Stud
45825	25775	Thread Take-up Lever Link
170164	25775	Thread Take-up Lever Link Hinge Stud (eccentric)
170165		Thread Take-up Lever Link Hinge Stud (eccentric) 170164 with 1130E (for Agents only)
1130E	25775	Thread Take-up Lever Link Hinge Stud Cap Screw
448AL	25775	Thread Take-up Lever Link Hinge Stud Set Screw
66774	25772	Thread Take-up Spring
45873	25772	Thread Take-up Spring Thread Guard
170098	25774	Throat Plate
170152	25774	Throat Plate complete, Nos. 170083, 170098 and two 233ZJ
691ZA	25774	Throat Plate Screw (2)



MACHINE NO. 301-2

FOR USE WITH CARRYING CASE SET NO. 269

This machine is the same as the 301-1 Machine
with the following exceptions:

No.	Plate	Name
170156	25771	Bed Extension, in place of 170027

ELECTRICAL FITTINGS

194583		Foot Controller, for 32 to 55 volts, A.C. or D.C., in place of 194827
194584	21398	Foot Controller, for 95 to 145 volts, A.C. or D.C., in place of 194828
194585		Foot Controller, for 150 to 250 volts, A.C. or D.C., in place of 194829
170157	25783	Three-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate, in place of 170129
196778	25783	Wiring Harness complete, in place of 196222

MACHINE NO. 301-3

FOR USE WITH SCHOOL SEWING AND CUTTING TABLE

SETS NOS. 410, 414, 415 AND 416

This machine is the same as the 301-1 Machine
with the following exceptions:

ELECTRICAL FITTINGS

No.	Plate	Name
196942		Controller Starting Pitman (2)
180X		Safety Switch Mounting Bracket Screw (4)
196912	25784	Safety Switch Electrical Outfit complete for School Tables Nos. 410, 414, 415 and 416, Nos. 196928 and two 196929
140180X		Six-pin Terminal with Retaining Plate Screw (4)

ACCESSORY

No.	Plate	Name
120861	25788	Oil Can, contents 3 fluid oz. (filled with household oil)

ATTACHMENT SET

No.	Plate	Name
8879	25777	Arm Spool Pin Washer (cloth)
160624	25777	Binder, slotted for various widths of bindings with Pin Tape Guide, for unfolded bias binding 15/16 in. wide (commercial binding No. 6) and folded bias bindings 1/2 in. wide (commercial binding No. 5), 7/16 in. wide (commercial binding No. 4), 3/8 in. wide (commercial binding No. 3), 5/16 in. wide (commercial binding No. 2) and 1/4 inch wide (commercial binding No. 1)
45785	25777	Bobbin (4)
160625	25777	Edge Stitcher
160626	25777	Hemmer (adjustable)
160627	25777	Hemmer (foot) flat bottom, for 5/64 in. hem
		Needles (6)
160628	25777	Presser Foot for gathering
25537	25777	Screw Driver (machine)
120378	25777	Screw Driver (hook tension)
160629	25777	Ruffler
160623	25777	Attachment Set, Nos. 8879, 25537, 120378, 160624, 160625, 160626, 160627, 160628, 160629, four 45785 and six Needles

BOBBIN WINDER PARTS

No.	Plate	Name
170100	25778	Frame with Pulley and Spindle
50464X	25778	Frame Hinge Screw
170107	25778	Frame Spring
170101	25778	Frame Washer
15287	25778	Friction Ring (rubber)
170016	25778	Spool Pin (spring)
8879	25778	Spool Pin Washer (cloth)
170109	25778	Stop
50117R	25778	Stop Screw
170161	25778	Tension Bracket
170162	25778	Tension Bracket complete, Nos. 45847, 45915, 45916, 140138ZB and 170161
205ZB	25778	Tension Bracket Screw
45915	25778	Tension Disc
140138ZB	25778	Tension Disc Screw
45916	25778	Tension Disc Screw Washer
45847	25778	Tension Disc Spring

CABINET TRIMMING PARTS

No.	Plate	Name
136409	25779	Machine Cradle Hinge Connection (2)
2809	25779	Machine Cradle Hinge Connection Pin (2)
51045AL	25779	Machine Cradle Hinge Connection Set Screw (2)
15263	25779	Machine Cradle Hinge Plate (2)
136410	25779	Machine Hinge complete, Nos. 2809, 15263, 136409 and wood screws 7/8 in. No. 10 F.H. (2)
136411	25779	Machine Stop (rubber) (2)
136412	25779	Machine Stop Bracket (left) with two wood screws 5/8 in. No. 7 R.H.B.
136413	25779	Machine Stop Bracket (right) with two wood screws 5/8 in. No. 7 R.H.B.

MACHINE CRADLE

No.	Plate	Name
170145	25779	Machine Cradle Felt (bottom)
964270	25779	Machine Cradle Grommet (2)
170113	25779	Machine Cradle Latch
170114	25779	Machine Cradle Latch Shaft
170116	25779	Machine Cradle Latch Spring
170117		Machine Cradle with 170145 and two 51045AL
170112	25779	Machine Cradle and Latch complete, Nos. 170113, 170114, 170116, 170117 and two 964270

ELECTRICAL EQUIPMENT**CHART FOR PA MOTORS**

Motor Catalog No.	Volts	Cycles
PA2-1	12	D.C. only
PA2-3	32	D.C. only
PA2-5	50	25 to 75 and D.C.
PA2-6	95-100	25 to 75 and D.C.
PA2-7	100-110	25 to 75 and D.C.
PA2-8	110-120	25 to 75 and D.C.
PA2-9	150-165	25 to 75 and D.C.
PA2-10	190-210	25 to 75 and D.C.
PA2-11	210-230	25 to 75 and D.C.
PA2-12	230-250	25 to 75 and D.C.
PA2-14	120-130	25 to 75 and D.C.
PA2-15	130-145	25 to 75 and D.C.

MOTOR PARTS

No.	Plate	Name
196411		Armature with Fan complete for PA2-1 Motor
196412		Armature with Fan complete for PA2-3 Motor
196413		Armature with Fan complete for PA2-5 Motor
196414		Armature with Fan complete for PA2-6 Motor
196415		Armature with Fan complete for PA2-7 Motor
196252	25780	Armature with Fan complete for PA2-8 Motor
196416		Armature with Fan complete for PA2-9 Motor
196417		Armature with Fan complete for PA2-10 Motor
196418		Armature with Fan complete for PA2-11 Motor
196419		Armature with Fan complete for PA2-12 Motor
196420		Armature with Fan complete for PA2-14 Motor

No.	Plate	Name
196421		Armature with Fan complete for PA2-15 Motor
195540	25780	Armature Shaft Bearing (commutator end)
195541	25780	Armature Shaft Bearing (commutator end) Retainer
196630	25780	Armature Shaft Bearing (pinion end)
829736	25780	Armature Shaft Bearing (pinion end) Retainer
517475	25780	Armature Shaft Nut
196235	25780	Armature Shaft Pinion with 460AL
460AL	25780	Armature Shaft Pinion Set Screw
196862	25780	Brush (carbon) (2)
195543	25780	Brush Cover (2)
140433X	25780	Brush Cover Screw (2)
195547	25780	Brush Holder (2)
195874	25780	Brush Lead Terminal (2)
196861	25780	Brush Spring (2)
196617	25780	End Cover (commutator end) with Grease Tube
195546	25780	End Cover Disc (felt)
195545	25780	End Cover Insert (brass) (2)
196433		Field Coil complete for PA2-1 Motor
196434		Field Coil complete for PA2-3 Motor
196435		Field Coil complete for PA2-5 Motor
196436		Field Coil complete for PA2-6 Motor
196437		Field Coil complete for PA2-7 Motor
196254	25780	Field Coil complete for PA2-8 Motor
196438		Field Coil complete for PA2-9 Motor
196439		Field Coil complete for PA2-10 Motor
196440		Field Coil complete for PA2-11 Motor
196441		Field Coil complete for PA2-12 Motor
196442		Field Coil complete for PA2-14 Motor
196443		Field Coil complete for PA2-15 Motor
964514	25780	Field Coil Wedge (2)
195871	25780	Field Core complete
196422		Field Core with Coils and Terminals complete for PA2-1 Motor
196423		Field Core with Coils and Terminals complete for PA2-3 Motor
196424		Field Core with Coils and Terminals complete for PA2-5 Motor
196425		Field Core with Coils and Terminals complete for PA2-6 Motor
196426		Field Core with Coils and Terminals complete for PA2-7 Motor
196253		Field Core with Coils and Terminals complete for PA2-8 Motor
196427		Field Core with Coils and Terminals complete for PA2-9 Motor
196428		Field Core with Coils and Terminals complete for PA2-10 Motor
196429		Field Core with Coils and Terminals complete for PA2-11 Motor
196430		Field Core with Coils and Terminals complete for PA2-12 Motor
196431		Field Core with Coils and Terminals complete for PA2-14 Motor
196432		Field Core with Coils and Terminals complete for PA2-15 Motor
195544	25780	Field Core Wedge
170118	25767	Motor Hold Down Plate
690X	25767	Motor Hold Down Plate Screw
196203	25780	Motor Housing (pinion end)
140419X	25780	Motor Housing Screw (2)
196234	25780	Motor Housing Terminal Post (2)
196236	25780	Motor Housing Terminal Post Insulation
190613	25780	Tube filled with Singer Motor Lubricant (packed in carton)

SINGER Light

No.	Plate	Name
196226	25766	Body (lower half)
196238	25766	Body (lower half) 196226 with 195143, 196240 and 931728
196227	25766	Body (upper half)
196237	25766	Body Clamp
183E	25766	Body Clamp Screw
195130	25766	Body Snap Ring
170124	25766	Lamp Shade
170127	25766	Lamp Shade complete, Nos. 228E, 170124, 170125 and 170126
140579X	25766	Lamp Shade Screw (2)
170125	25766	Lens (blue glass)
170126	25766	Lens Clamp
228E	25766	Lens Clamp Screw
196262	25766	Lead with Terminal Clips and Spring Contacts complete
964270	25766	Lead Grommet
196240	25766	Switch Key
195143	25766	Switch Key Snap Ring
931728	25766	Switch Key Spring Washer
195137		Switch Rotating Contact
195957	25766	Switch Rotating Contact 195137 with 195138 and 195139
195138		Switch Rotating Contact Cam
195139		Switch Rotating Contact Cam Insulation
196221	25766	Singerlight complete (less lamp) Nos. 183E, 195130, 195957, 196227, 196237, 196238 and 196262

LIGHT LAMP

No.	Plate	Name
194120	25766	Light Lamp
NOTE: When ordering No. 194120, state voltage required. We are prepared to furnish the following voltages.		
		32
		50
		110 to 120
		200 to 220
		230 to 250

FOOT CONTROLLERS (Bakelite)

(New Style)

FOR NO. 301-1 MACHINE

No.	Plate	Name
194827		Controller complete for 32 to 55 volts, A.C. or D.C. Motor, Nos. 194321, 194573, 194825, 196917 and four each 140099X and 194407
194828	25781	Controller complete for 95 to 145 volts A.C. or D.C. Motor, Nos. 194321, 194573, 194825, 196918 and four each 140099X and 194407
194829		Controller complete for 150 to 250 volts A.C. or D.C. Motor, Nos. 194321, 194573, 194825, 196919 and four each 140099X and 194407
196930	25781	Controller Base
196917		Controller Base 196930 with 196939 and two each 23258, 140103X and 931090
196918	25781	Controller Base 196930 with 196940 and two each 23258, 140103X and 931090
196919		Controller Base 196930 with 196941 and two each 23258, 140103X and 931090
194407	25781	Controller Base Cushion (rubber) (4)
140099X	25781	Controller Base Screw (4)
194573	25781	Controller Cover
194321	25781	Controller Foot Pedal
194825	25781	Controller Lead complete, 60 in. long
196953		Controller Resistance Unit for 32 to 55 volts, A.C. or D.C.
196954	25781	Controller Resistance Unit for 95 to 145 volts, A.C. or D.C.
196955		Controller Resistance Unit for 150 to 250 volts, A.C. or D.C.
196935	25781	Controller Resistance Unit Linkage
196937	25781	Controller Resistance Unit Linkage Cross Slide
1783X	25781	Controller Resistance Unit Linkage Cross Slide Lock Nut
196939		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196953 and two each 50587J, 51327J, and 193384, for 32 to 55 volts A.C. or D.C.
196940		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196954 and two each 50587J, 51327J and 193384, for 95 to 145 volts A.C. or D.C.
196941		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196955 and two each 50587J, 51327J and 193384, for 150 to 250 volts A.C. or D.C.
140103X	25781	Controller Resistance Unit Screw (2)
931090		Controller Resistance Unit Screw Washer (asbestos) (2)
23258	25781	Controller Resistance Unit Screw Washer (steel) (2)
193384	25781	Controller Resistance Unit Short Circuiting Contact (2)
51327J	25781	Controller Resistance Unit Short Circuiting Contact Screw (2)
50587J	25781	Controller Resistance Unit Terminal Screw (2)

FOOT CONTROLLERS (Bakelite)

(New Style)

FOR 301-2 MACHINE

No.	Plate	Name
194583		Controller complete, for 32 to 55 volts, A.C. or D.C. Motor, Nos. 194321, 194573, 194574, 196917 and four each 140099X and 194407
194584	25787	Controller complete, for 95 to 145 volts, A.C. or D.C. Motor, Nos. 194321, 194573, 194574, 196918 and four each 140099X and 194407
194585		Controller complete, for 150 to 250 volts, A.C. or D.C. Motor, Nos. 194321, 194573, 194574, 196919, and four each 140099X and 194407
196930	25787	Controller Base
196917		Controller Base, 196930 with 196939 and two each 23258, 140103X and 931090
196918	25787	Controller Base 196930 with 196940 and two each 23258, 140103X and 931090
196919		Controller Base 196930 with 196941 and two each 23258, 140103X and 931090
194407	25787	Controller Base Cushion (rubber) (4)
140099X	25787	Controller Base Screw (4)
194573	25787	Controller Cover
194321	25787	Controller Foot Pedal
194575	25787	Controller Lead Cord from Controller to Three-pin Terminal
194517	25787	Controller Lead Cord from Wall Socket to Three-pin Terminal
194522	25787	Controller Lead Cord from Wall Socket to Three-pin Terminal, Nos. 194517 and 194518
194518	25787	Controller Lead Cord Plug
194574	25787	Controller Lead Cord with Three-pin Terminal complete, Nos. 194521, 194522 and 194575
196953		Controller Resistance Unit, for 32 to 55 volts A.C. or D.C.
196954	25787	Controller Resistance Unit, for 95 to 145 volts A.C. or D.C.
196955		Controller Resistance Unit, for 150 to 250 volts A.C. or D.C.
196935	25787	Controller Resistance Unit Linkage
196937	25787	Controller Resistance Unit Linkage Cross Slide
1783X	25787	Controller Resistance Unit Linkage Cross Slide Lock Nut
196939		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196953 and two each 50587J, 51327J and 193384, for 32 to 55 volts A.C. or D.C.
196940		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196954 and two each 50587J, 51327J and 193384, for 95 to 145 volts A.C. or D.C.
196941		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196955 and two each 50587J, 51327J and 193384, for 150 to 250 volts, A.C. or D.C.
140103X	25787	Controller Resistance Unit Screw (2)
931090		Controller Resistance Unit Screw Washer (asbestos) (2)
23258	25787	Controller Resistance Unit Screw Washer (steel) (2)
193384	25787	Controller Resistance Unit Short Circuiting Contact (2)
51327J	25787	Controller Resistance Unit Short Circuiting Contact Screw (2)
50587J	25787	Controller Resistance Unit Terminal Screw (2)
192644	25787	Three-pin Terminal Housing (female half, lower)
194520	25787	Three-pin Terminal Housing (female half, upper)
51093X	25787	Three-pin Terminal Housing (female half) Screw (2)
1768X	25787	Three-pin Terminal Housing (female half) Screw Nut (2)
192691	25787	Three-pin Terminal Housing (female half) Sleeve (3)
192692	25787	Three-pin Terminal Housing (female half) Sleeve Nut (3)
194521	25787	Three-pin Terminal (female half) complete, Nos. 192644, 194520, two each 1768X, 51093X and three each 192691 and 192692

ELECTRICAL FITTINGS**FOR****NO. 301-1 MACHINE**

No.	Plate	Name
196229	25782	Three-pin Terminal Body (female half, lower)
196228	25782	Three-pin Terminal Body (female half, upper)
51093X	25782	Three-pin Terminal Body (female half) Clamping Screw (2)
1768X	25782	Three-pin Terminal Body (female half) Clamping Screw Nut (2)
196247	25782	Three-pin Terminal (female half) Lead with Plug and Eyelet
196291	25782	Three-pin Terminal (female half) less Lead complete, Nos. 196228, 196229 and two each 1768X and 51093X
196224	25782	Three-pin Terminal (female half) with Lead complete (from outlet to Machine) Nos 196247 and 196291
196231	25767	Three-pin Terminal (male half) with three 140593 (fastened to Machine)
140593	25767	Three-pin Terminal (male half) Post Screw (3)
180X	25767	Three-pin Terminal (male half) Screw
196261	25767	Two-pin Terminal (female half) with two 140593 (fastened to Machine)
170129	25767	Two-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate
140180X	25767	Two-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate Screw
51327X	25767	Two-pin Terminal (female half) Screw (2)
140593	25767	Two-pin Terminal (female half) Terminal Screw (2)
196230	25767	Two-pin Terminal (male half) Body (lower half)
196239	25767	Two-pin Terminal (male half) Body (upper half)
140589X	25767	Two-pin Terminal (male half) Body Clamping Screw
51746X	25767	Two-pin Terminal (male half) Body Clamping Screw Nut
196260	25767	Two-pin Terminal (male half) Terminal Post (long)
196242	25767	Two-pin Terminal (male half) Terminal Post (short)
140590	25767	Two-pin Terminal (male half) Terminal Post Screw (2)
196272	25767	Two-pin Terminal (male half) complete (Controller Lead End) Nos. 51746X, 140589X, 196230, 196239, 196242, 196260 and two 140590
196266	25767	Wiring Harness Leads from Three-pin Terminal (male half) to Two-pin Terminal (female half) and to Motor
196271	25767	Wiring Harness Lead from Three-pin Terminal (male half) to light
196222	25767	Wiring Harness complete, Nos. 196231, 196261, 196266 and 196271

ELECTRICAL FITTINGS**FOR****NO. 301-2 MACHINE**

No.	Plate	Name
196269	25783	Lead (black) with Terminal and Insulating Sleeve
196270	25783	Lead (red) with Terminal and Insulating Sleeve
196282	25783	Lead Sleeve
170157	25783	Two-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate
196231	25783	Three-pin Terminal (male half) with three 140593 (fastened to Machine)

ELECTRICAL FITTINGS

No.	Plate	Name
140593	25783	Three-pin Terminal (male half) Post Screw (3)
196271	25783	Wiring Harness Lead (from Three-pin Terminal to Light)
196863		Wiring Harness less Three-pin Terminal (male half) (from Three-pin Terminal to Motor, Nos. 196269 and 196270)
196778	25783	Wiring Harness with Three-pin Terminal (male half) complete, Nos. 196231, 196271, 196282 and 196863

ELECTRICAL FITTINGS**FOR****NO. 301-3 MACHINE****SAFETY SWITCH (MERCURY) ELECTRICAL OUTFIT COMPLETE FOR SCHOOL TABLES NOS. 410, 414, 415 AND 416**

No.	Plate	Name
196912		Electrical Outfit with Safety Switch complete for School Tables Nos. 410, 414, 415 and 416 Nos. 196901, 196928 and two each 196929 and 197017
196897	25784	Controller with Six-pin Socket and Line Lead complete for 95 to 145 volts, A.C. or D.C. Motor Nos. 194426, 196914, 196975 and two each 50791J and 140102X (2)
196931	25785	Controller Base (2)
196914	25785	Controller Base, 196931 with 23258, 192140, 193384, 193908, 194422, 194479, 194774, 194775, 196931 and two each 50587J, 51327J, 140100X, 140103X, 194421, 194514 and 931090 (2)
50559X		Controller Base Screw (6)
194603		Controller Base Screw Washer (6)
194426	25785	Controller Cover (2)
140102X	25785	Controller Cover Screw (4)
196975	25785	Controller Lead with Six-pin Plug and Line Lead with Clamp and two 50791J
50587J		Controller Lead with Six-pin Plug and Line Lead Screw (4)
196907	25784	Controller Lead with Six-pin Plug and Line Lead Retainer (2)
193908	25785	Controller Lead Clamp (2)
194479	25785	Controller Lead Clamp Insulation (2)
192140	25785	Controller Resistance Unit 95 to 145 volts (2)
194774	25785	Controller Resistance Unit Adjusting Nut (2)
194775	25785	Controller Resistance Unit Adjusting Nut Lock Spring (2)
194416	25785	Controller Resistance Unit Bell Crank (2)
194324	25785	Controller Resistance Unit Bell Crank Connecting Link (2)
140101C	25785	Controller Resistance Unit Bell Crank Connecting Link Hinge Screw (2)
1607J		Controller Resistance Unit Bell Crank Connecting Link Hinge Screw Nut (2)
51340C		Controller Resistance Unit Bell Crank Hinge Screw (2)
1607J		Controller Resistance Unit Bell Crank Hinge Screw Nut (2)
194421	25785	Controller Resistance Unit Bell Crank Spring (4)
194402	25785	Controller Resistance Unit Bell Crank Spring Bracket (2)
194422		Controller Resistance Unit Bell Crank Spring Bracket 194402 with 51340C, 140101C, 194324, 194416, 194773 and two 1607J
140100X		Controller Resistance Unit Bell Crank Spring Bracket Screw (4)
194514		Controller Resistance Unit Bell Crank Spring Bracket Screw Insulating Disc (4)
196674	25786	Controller Plug Receptacle (2)

No.	Plate	Name
197168	25786	Controller Plug Receptacle Lead (less plug)
197170	25786	Controller Plug Receptacle Jumper Lead (black)
196677	25786	Controller Plug Receptacle Jumper Lead (brown)
196684	25786	Controller Plug Receptacle Jumper Lead (green)
196683	25786	Controller Plug Receptacle Lead 197168 with 196319
196319	25786	Controller Plug Receptacle Lead Plug with Clamp and two 50764J
50791J	25785	Controller Plug Receptacle Lead Plug Clamping Screw (4)
50764J	25786	Controller Plug Receptacle Lead Plug Clamp Clamping Screw (4)
50637X	25786	Controller Plug Receptacle Screw (4)
140103X	25785	Controller Resistance Unit Screw (4)
931090	25785	Controller Resistance Unit Screw Washer (asbestos) (4)
23258	25785	Controller Resistance Unit Screw Washer (steel) (2)
193384	25785	Controller Resistance Unit Short Circuiting Contact (4)
51327J	25785	Controller Resistance Unit Short Circuiting Contact Screw (4)
194773	25785	Controller Resistance Unit Yoke (2)
196942	25786	Controller Starting Pitman (2)
196673	25786	Junction Box
196682	25784	Junction Box complete, Nos. 196673, 196676, 196677, 196679, 196683, 196684, 197170, two 196674 and four 50637X.
196679	25786	Junction Box Cover
196676	25786	Junction Box Strain Relief (two piece)
196901	25784	Safety Switch (Mercury) Mounting Bracket (2)
197017	25784	Safety Switch (Mercury) Mounting Bracket Gasket (2)
196892	25784	Wiring Harness with Safety Switch (Mercury) complete (2)
196929	25784	Wiring Outfit complete, Nos. 196892 and 196907 (2)
196928	25784	Wiring Outfit complete for School Tables Nos. 410, 414, 415 and 416 Nos. 196682, two 196897 and four wood Screws 3/4 in. No. 8 R.H.B.

FINGER GUARD

No.	Plate	Name
160851	25788	Finger Guard

HEMMER FOOT

No.	Plate	Name
160753	25788	Hemmer (foot) for Chiffon and Silk

NEEDLE THREADER (Universal)

No.	Plate	Name
121632	25788	Needle Threader
121631	25788	Needle Threader Hook
140157J	25788	Needle Threader Hook Screw

PRESSER FOOT
WITH GRADUATED ADJUSTABLE GUIDES

No.	Plate	Name
160762	25788	Presser Foot Nos. 337B, 35002, 35206, 36696 and 160763
35002	25788	Presser Foot Extension
35003	25788	Presser Foot Graduated Adjustable Guide (long, left)
35004	25788	Presser Foot Graduated Adjustable Guide (long, right)
35005	25788	Presser Foot Graduated Adjustable Guide (short, right)
35006	25788	Presser Foot Graduated Adjustable Guide (short, right, flush)
160763	25788	Presser Foot Graduated Adjustable Guide Clamp
35206	25788	Presser Foot Graduated Adjustable Guide Clamp Lever
337B	25788	Presser Foot Graduated Adjustable Guide Clamp Screw
36696	25788	Presser Foot Graduated Adjustable Guide Clamp Steady Pin
160755	25788	Presser Foot with Extension and Graduated Adjustable Guides complete, Nos. 35003, 35004, 35005, 35006 and 160762

PRESSER FEET

No.	Plate	Name
160687	25788	Presser Foot (left toe) for stitching on edge and inserting cord
160688	25788	Presser Foot (right toe) for stitching on edge and inserting cord
160689	25788	Presser Foot (adjustable, for sewing either on the right or left side of the needle) for cording or slide fastener work
160706	25788	Presser Foot for 160690
160690	25788	Presser Foot 160706 with 51282J and 121615 for blind stitch braiding, for soutache braid
121615	25788	Presser Foot Braid Guide
NOTE: When ordering No. 121615 or 160690, send sample of braid for which required.		
51282J	25788	Presser Foot Braid Guide Screw
160754	25788	Presser Foot for braiding, for art work, for braid 1/16 in. to 3/16 in. wide
NOTE: When ordering No. 160754, state the size or send a sample of braid for which required.		

QUILTER

No.	Plate	Name
160691	25788	Quilter

SPECIAL ATTACHMENTS

No.	Plate	Name
160986	25788	Automatic Zigzagger Attachment complete
160743	25788	Buttonhole Attachment complete
160823	25788	Darning and Embroidery Attachment complete
121634	25788	Needle Threader and Seam Ripper complete
160692	25788	Tucker complete

NUMERICAL LIST OF PARTS

No.	Plate	Name
85E	25775	Presser Bar Lifter Hinge Screw
141X	25769	Arm Top Cover Screw
175R	25768	Feed Forked Connection Clamping Screw for 170045
180X		Safety Switch Mounting Bracket Screw for 301-3 Machine
180X	25767	Three-pin Terminal (male half) Screw
183E	25766	Light Body Clamp Screw for 196221
205ZB	25778	Bobbin Winder Tension Bracket Screw
207J	25772	Face Plate Thread Guard Screw for 170035
208AL	25774	Feed Dog Screw
228E	25766	Light Lens Clamp Screw for 170127
233ZJ	25774	Rotating Hook Bobbin Case Position Plate Screw for 170152
237J	25772	Face Plate Catch Screw for 170035
315C	25773	Feed Bar Screw Center for 15445
330ZA	25772	Thread Guard (head of arm) Screw
335R	25772	Slack Thread Regulator and Tension Thread Guide Screw
337B	25788	Presser Foot Graduated Adjustable Guide Clamp Screw for 160762
442E	25773	Feed Bar Throw-out Lever Stop Screw
447AL	25776	Rotating Hook Collar and Counterbalance Set Screw for 170095
448AL	25776	Rotating Hook Shaft Bushing Set Screw for 170110
448AL	25775	Thread Take-up Lever Link Hinge Stud Set Screw
453AL	25768	Arm Shaft (horizontal) Collar Set Screw for 170006
453AL	25775	Presser Bar Guide Bracket Set Screw for 170065
454AL	25775	Needle Bar Bushing Set Screw
454AL	25775	Presser Bar Bushing Set Screw
460AL	25780	Armature Shaft Pinion Set Screw for 196235
462AL	25776	Rotating Hook Set Screw for 170135
465AL	25776	Rotating Hook Shaft Collar Set Screw for 170081
665ZB	25775	Needle Bar Thread Guard Screw
690X	25767	Motor Hold Down Plate Screw
691ZA	25774	Throat Plate Screw
896AL	25768	Feed Lifting Rock Shaft Connecting Rod Cap Screw for 170051
906AL	25769	Arm Top Cover Thread Guide (back) Set Screw for 170011
999C	25773	Feed Bar Connecting Link Hinge Screw
1085E	25768	Feed Forked Connection Slide Block Screw Stud for 170119
1094E	25773	Feed Bar Throw-out Lever Stop Screw Plate Screw
1130E	25775	Thread Take-up Lever Link Hinge Stud Cap Screw for 170163 and 170165
1259AL	25768	Arm Shaft (upright) Bevel Gear (lower) Set Screw
1259AL	25768	Arm Shaft (upright) Bevel Gear (upper) Set Screw
1259AL	25776	Rotating Hook Shaft Bevel Gear Set Screw
1259AL	25768	Thread Take-up Crank Set Screw for 170003
1519R	25773	Feed Bar Screw Center Nut for 15445
1520R	25768	Feed Forked Connection Hinge Screw Nut
1520R	25768	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut
1607J		Controller Resistance Unit Bell Crank Connecting Link Hinge Screw Nut for 194422
1607J		Controller Resistance Unit Bell Crank Hinge Screw Nut for 194422
1718X	25773	Feed Bar Throw-out Lever Screw Nut
1735E	25773	Feed Bar Throw-out Lever Stop Screw Nut
1768X	25782	Three-pin Terminal Body (female half) Clamping Screw Nut for 196291
1768X	25787	Three-pin Terminal Housing (female half) Screw Nut for 194521
1783X	25781	Controller Resistance Unit Linkage Cross Slide Lock Nut for 196939, 196940 and 196941

No.	Plate	Name
2102	25772	Tension Disc for 170139
2809	25779	Machine Cradle Hinge Connection Pin for 136410
4389	25768	Arm Dowel Pin
8217	25768	Feed Regulator Hinge Screw Friction Washer
8879	25769	Arm Spool Pin Washer (cloth)
8879	25777	Arm Spool Pin Washer (cloth) for 160623
8879	25770	Bed Cover Plate (bottom) Screw Thumb Nut Washer (cloth)
8879	25778	Bobbin Winder Spool Pin Washer (cloth)
12329	25772	Tension Releasing Lever Spring
15263	25779	Machine Cradle Hinge Plate for 136410
15287	25778	Bobbin Winder Friction Ring (rubber)
15445		Feed Bar Screw Center 315C with 1519R
23258	25781	Controller Resistance Unit Screw Washer (steel) for 196914, 196917, 196918 and 196919
25537	25777	Screw Driver (machine) for 160623
33624	25775	Presser Regulating Thumb Screw Extension Pin for 170068
35002	25788	Presser Foot Extension for 160762
35003	25788	Presser Foot Graduated Adjustable Guide (long, left) for 160755
35004	25788	Presser Foot Graduated Adjustable Guide (long, right) for 160755
35005	25788	Presser Foot Graduated Adjustable Guide (short, right) for 160755
35006	25788	Presser Foot Graduated Adjustable Guide (short, right, flush) for 160755
35206	25788	Presser Foot Graduated Adjustable Guide Clamp Lever for 160762
36696	25788	Presser Foot Graduated Adjustable Guide Clamp Steady Pin for 160762
45339	25772	Tension Regulating Thumb Nut Engaging Pin for 51681ZB
45341	25772	Tension Releasing Pin for 170139
45354	25775	Needle Bar Thread Guard (lower)
45707	25768	Arm Shaft (upright) Bushing (lower) for 170108
45723	25773	Feed Bar Connecting Link Hinge Stud
45739	25775	Needle Bar Connecting Stud with 51363E, for 170143
45751	25776	Rotating Hook Bobbin Case complete for 170159, Nos. 45789, 200592C, 200964E, 201016F, 206736 and 210736
45780	25770	Bed Cushion (rubber)
45785	25777	Rotating Hook Bobbin for 160623
45789	25776	Rotating Hook Bobbin Case Tension Spring for 45751
45820	25775	Thread Take-up Crank for 170163
45821	25775	Thread Take-up Lever for 45822
45822		Thread Take-up Lever complete for 170163, Nos. 45821, 45824 and 45825
45824	25775	Thread Take-up Lever Hinge Stud for 45822
45825	25775	Thread Take-up Lever Link for 45822
45847	25778	Bobbin Winder Tension Disc Spring for 170162
45863	25772	Slack Thread Regulator and Tension Thread Guide
45864	25772	Tension Indicator Flange for 170139
45865	25772	Tension Indicator Flange Stop Washer for 170139
45869	25772	Tension Spring for 170139
45870		Tension Stud 140167ZJ with 51681ZB, for 170139
45873	25772	Thread Take-up Spring Thread Guard for 170139
45877		Needle Clamp Body with 140545ZC, for 45878
45878	25775	Needle Clamp Body 45877 with 51308ZJ
45915	25778	Bobbin Winder Tension Disc for 170162
45916	25778	Bobbin Winder Tension Disc Screw Washer for 170162
50087ZA	25769	Clamp Stop Motion Clamp Stop Screw
50117R	25778	Bobbin Winder Stop Screw
50464X	25778	Bobbin Winder Frame Hinge Screw
50559X		Controller Base Screw

No.	Plate	Name
50587J	25781	Controller Resistance Unit Terminal Screw for 196939, 196940 and 196941
50587J		Controller Lead with Six-pin Plug and Line Lead Screw for 196914
50637X	25786	Controller Plug Receptacle Screw for 196682
50764J	25786	Controller Plug Receptacle Lead Plug Clamp Clamping Screw for 196683
50791J	25785	Controller Plug Receptacle Lead Plug Clamping Screw for 196975
51045AL	25779	Machine Cradle Hinge Connection Set Screw for 170117
51093X	25782	Three-pin Terminal Body (female half) Clamping Screw for 192691
51093X	25787	Three-pin Terminal Housing (female half) Screw for 194521
51108ZA	25770	Bed Extension Hinge Screw (front)
51159J	25774	Rotating Hook Bobbin Case Position Plate Spring Screw for 170083
51282J	25788	Presser Foot Braid Guide Screw for 160690
51308ZJ	25775	Needle Clamp Position Screw for 45878
51327J	25781	Controller Resistance Unit Short Circuiting Contact Screw for 192140, 196914, 196939, 196940 and 196941
51327X	25767	Two-pin Terminal (female half) Screw
51340C		Controller Resistance Unit Bell Crank Hinge Screw for 194422
51353C	25768	Feed Forked Connection Hinge Screw (eccentric)
51361R	25770	Bed Cover Plate (bottom) Screw
51363E	25775	Needle Bar Connecting Stud Clamping Screw for 45739
51384X	25768	Stitch Indicator Plate Screw
51621R	25770	Bed Cover Plate (bottom) Screw Thumb Nut
51681ZB	25772	Tension Regulating Thumb Nut with 45339, for 45870
51738ZB	25769	Clamp Stop Motion Clamp Nut
51739AB	25768	Feed Regulator Screw Stud Thumb Nut
51746X	25767	Two-pin Terminal (male half) Body Clamping Screw Nut for 196272
51747S	25780	Armature Shaft Nut
66774	25772	Thread Take-up Spring for 170139
120378	25777	Screw Driver (hook tension) for 160623
120861	25788	Oil Can, contents 3 fluid ozs. (filled with household oil) Accessory
121615	25788	Presser Foot Braid Guide for 160690
		NOTE: When ordering No. 121615 or 160690, send sample of braid for which required.
121631	25788	Needle Threader Hook
121632	25788	Needle Threader (Universal)
121634		Needle Threader and Seam Ripper complete (Special Attachments)
125349	25773	Feed Bar Throw-out Lever Retaining Ring
125358	25769	Hand Wheel Gear Spring Cushion Pin for 170018
125415	25772	Tension Indicator for 170139
136409	25779	Machine Cradle Hinge Connection for 136410
136410	25779	Machine Hinge complete, Nos 2809, 15263, 136409 and wood screws 7/8 in. No. 10 F.H. (Cabinet Trimmings)
136411	25779	Machine Stop (rubber) Cabinet Trimmings
136412	25779	Machine Stop Bracket (left) with two wood screws 5/8 in. No. 7 R.H.B. (Cabinet Trimmings)
136413	25779	Machine Stop Bracket (right) with two wood screws 5/8 in. No. 7 R.H.B. (Cabinet Trimmings)
140099X	25781	Controller Base Screw for 194583, 194584, 194585, 194827, 194828 and 194829
140100X		Controller Resistance Unit Bell Crank Spring Bracket Screw for 196914
140101C	25785	Controller Resistance Unit Bell Crank Connecting Link Hinge Screw for 194422

NUMERICAL LIST OF PARTS

No.	Plate	Name
140102X	25785	Controller Cover Screw for 196897
140103X	25781	Controller Resistance Unit Screw for 196914, 196917, 196918 and 196919
140138ZB	25778	Bobbin Winder Tension Disc Screw for 170162
140157J	25788	Needle Threader Hook Screw
140167ZJ	25772	Tension Stud for 45870
140180	25767	Two-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate Screw
140180X		Six-pin Terminal with Retaining Plate Screw for 301-3 Machine
140240ZB	25774	Presser Foot Thumb Screw
140419X	25780	Motor Housing Screw
140433X	25780	Brush Cover Screw
140465E	25775	Thread Take-up Lever Cap Screw for 170163
140511AL	25768	Needle Bar Crank Position Screw for 170003
140545ZC	25775	Needle Clamp Thumb Screw for 45877
140558AL	25768	Arm Shaft (horizontal) Bevel Gear, Feed Cam and Feed Lifting Eccentric Set Screw
140559C	25768	Arm Shaft (horizontal) Counterbalance Screw
140560E	25770	Bed Cushion Screw
140563C	25772	Tension Releasing Lever Hinge Screw
140576C	25768	Feed Lifting Rock Shaft Connecting Rod Hinge Screw (eccentric)
140579X	25766	Light Lamp Shade Screw
140585ZA	25770	Bed Extension Hinge Screw (back)
140586ZB	25775	Pressure Regulating Thumb Screw
140589X	25767	Two-pin Terminal (male half) Body Clamping Screw for 196272
140590	25767	Two-pin Terminal (male half) Terminal Post Screw for 196272
140593	25767	Three-pin Terminal (male half) Post Screw for 196231
140593	25767	Two-pin Terminal (female half) Terminal Screw for 196261
140611E	25768	Feed Regulator Hinge Screw
140694F	25776	Rotating Hook Gib Screw for 170158 and 170167
140702AL	25773	Feed Lifting Rock Shaft Center Set Screw
140702AL	25773	Feed Rock Shaft Center Set Screw
140710AL	25772	Tension Stud Set Screw
140739E	25768	Arm Screw
140740J	25769	Machine Handle Spring Screw for 170012
160623	25777	Attachment Set Nos. 8879, 25537, 120378, 160624, 160625, 160626, 160627, 160628, 160629, four 45785 and six needles
160624	25777	Binder, slotted for various widths of bindings with Pin Tape Guide, for unfolded bias binding 15/16 in. wide (commercial binding No. 6) and folded bias bindings 1/2 in. wide (commercial binding No. 5), 7/16 in. wide (commercial binding No. 4), 3/8 in. wide (commercial binding No. 3), 5/16 in. wide (commercial binding No. 2), and 1/4 in. wide (commercial binding No. 1), for 160623
160625	25777	Edge Stitcher for 160623
160626	25777	Hemmer (adjustable) for 160623
160627	25777	Hemmer (foot) flat bottom, for 5/64 in. hem, for 160623
160628	25777	Presser Foot for gathering for 160623
160629	25777	Ruffler for 160623
160687	25788	Presser Foot (left toe) for stitching on edge and inserting cord
160688	25788	Presser Foot (right toe) for stitching on edge and inserting cord
160689	25788	Presser Foot (adjustable, for sewing either on the right or left side of the needle) for cording or slide fastener work
160690	25788	Presser Foot 160706 with 51282J and 121615 for blind stitch braiding, for soutache braid

NUMERICAL LIST OF PARTS

No.	Plate	Name
160691	25788	Quilter complete
160692		Tucker complete (Special Attachments)
160706	25788	Presser Foot for 160690
160743		Buttonhole Attachment complete (Special Attachments)
160753	25788	Hemmer (foot) for Chiffon and Silk
160754	25788	Presser Foot for braiding, for art work, for braid 1/16 in. to 3/16 in wide
NOTE: When ordering No. 160754, state the size or send a sample of braid for which required.		
160755	25788	Presser Foot with Extension and Graduated Adjustable Guides complete, Nos. 35003, 35004, 35005, 35006 and 160762
160762	25788	Presser Foot for 160755, Nos. 337B, 35002, 35206, 36696 and 160763
160763	25788	Presser Foot Graduated Adjustable Guide Clamp for 160762
160823		Darning and Embroidery Attachment complete (Special Attachments)
160851		Finger Guard
160986		Automatic Zigzagger Attachment complete (Special Attachments)
*170001		Arm for 170108
170003	25768	Arm Shaft (horizontal) with 1259AL and 140511AL
170005	25768	Arm Shaft (horizontal) Bushing for 170108
170006	25768	Arm Shaft (horizontal) Collar with 453AL
170007	25768	Arm Shaft (horizontal) Counterbalance
170008	25768	Arm Shaft (upright)
170010	25769	Arm Top Cover for 170011
170011	25769	Arm Top Cover 170010 with 906AL, 170014, 170015 and three 170013, for 170012
170012	25769	Arm Top Cover complete, Nos. 170011, 170056 and two each 140740J, 170057 and 170058
170013	25769	Arm Top Cover Oil Wick for 170011
170014	25769	Arm Top Cover Thread Guide (back) for 170011
170015	25769	Arm Top Cover Thread Guide (front) for 170011
170016	25769	Arm Spool Pin (spring)
170016	25778	Bobbin Winder Spool Pin (spring)
170017	25769	Hand Wheel for 170018
170018	25769	Hand Wheel 170017 with three 125358, for 170022
170019	25769	Hand Wheel Gear for 170022
170020	25769	Hand Wheel Gear Spring for 170022
170021	25769	Hand Wheel Snap Ring for 170022
170022	25769	Hand Wheel complete, Nos. 170018, 170019, 170020 and 170021
NOTE: When ordering No. 170022, color required, Beige or Black, must be stated.		
*170023		Bed for 170110
170024	25770	Bed Cover Plate (bottom) for 170025
170025	25770	Bed Cover Plate (bottom) 170024 with 170026
170026	25770	Bed Cover Plate (bottom) felt, for 170025
170027	25770	Bed Extension for 301-1 and 301-3 Machines
NOTE: When ordering No. 170027, color required, Beige or Black, must be stated.		
170028	25769	Clamp Stop Motion Clamp Washer
170029	25772	Face Plate for 170034
170030	25772	Face Plate Catch for 170035
170031	25768	Arm Oil Shield
170032	25772	Face Plate Hinge Pin for 170034
170033	25772	Face Plate Thread Guard for 170035
170034	25772	Face Plate 170029 with two 170032, for 170035
170035	25772	Face Plate complete, Nos. 207J, 237J, 170030, 170033 and 170034
170036	25773	Feed Bar
170037	25773	Feed Bar Connecting Link

NUMERICAL LIST OF PARTS

No.	Plate	Name
170038	25773	Feed Bar Throw-out Lever
170040	25773	Feed Bar Throw-out Lever Spring
170041	25773	Feed Bar Throw-out Lever Stop Screw Plate
170044	25774	Feed Dog, 12 teeth (14 teeth to the inch) for 170152
170045	25768	Feed Forked Connection with 175R and 170119
170046	25768	Feed Forked Connection Slide Block for 170119
170047	25773	Feed Lifting Rock Shaft
170049	25773	Feed Lifting Rock Shaft Center
170049	25773	Feed Rock Shaft Center
170051	25768	Feed Lifting Shaft Connecting Rod with two 896AL
170052	25768	Feed Regulator
170053	25768	Feed Regulator Screw Stud
170054	25773	Feed Rock Shaft
170055	25773	Feed Rock Shaft Clearance Hole Cover for 301-1 Machine
170056	25769	Machine Handle for 170012
NOTE: When ordering No. 170056, color required, Beige or Black, must be stated.		
170057	25769	Machine Handle Hinge Pin for 170012
170058	25769	Machine Handle Spring for 170012
170061	25775	Needle Bar Bushing
170063	25775	Presser Bar (hollow)
170064	25775	Presser Bar Bushing
170065	25775	Presser Bar Guide Bracket with 453AL
170066	25775	Presser Bar Lifter
170067	25775	Presser Bar Spring for 170068
170068	25775	Presser Bar Spring 170067 with 33624
170071	25774	Presser Foot (hinged) complete
170077	25776	Rotating Hook Shaft
170078	25776	Rotating Hook Shaft Bushing (back) for 170110
170079	25776	Rotating Hook Shaft Bushing (front) for 170110
170081	25776	Rotating Hook Shaft Collar with 465AL
170082	25774	Rotating Hook Bobbin Case Position Plate for 170083
170083	25774	Rotating Hook Bobbin Case Position Plate 170082 with 170084, 170085 and two 51159J, for 170152
170084	25774	Rotating Hook Bobbin Case Position Plate Spring (back) for 170083
170085	25774	Rotating Hook Bobbin Case Position Plate Spring (front) for 170083
170086	25768	Stitch Indicator Plate
170088	25772	Tension Releasing Lever
170091	25775	Thread Cutter and Holder
170093	25772	Thread Guard (head of arm)
170095	25776	Rotating Hook Collar and Counterbalance with 447AL
170098	25774	Throat Plate for 170152
170100	25778	Bobbin Winder Frame with Pulley and Spindle
170101	25778	Bobbin Winder Frame Washer
170107	25778	Bobbin Winder Frame Spring
*170108		Arm 170001 with 45707, 170005 and 170132
NOTE: Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent as a unit, Arm and Bed assembled.		
170109	25778	Bobbin Winder Stop
*170110		Bed 170023 with 170078, 170079 and two 448AL
NOTE: Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent as a unit, Arm and Bed assembled.		
170112	25779	Machine Cradle and Latch complete for 301-1 and 301-3 Machines, Nos. 170113, 170114, 170116, 170117 and two 964270
170113	25779	Machine Cradle Latch for 170112
170114	25779	Machine Cradle Latch Shaft for 170112
170116	25779	Machine Cradle Latch Spring for 170112

NUMERICAL LIST OF PARTS

No.	Plate	Name
170117		Machine Cradle with 170145 and two 51045AL, for 170112
170118	25767	Motor Hold Down Plate
170119		Feed Forked Connection Slide Block 170046 with 1085E, for 170045
170124	25766	Light Lamp Shade for 170127
170125	25766	Light Lens (blue glass) for 170127
170126	25766	Light Lens Clamp for 170127
170127	25766	Light Lamp Shade complete, Nos. 228E, 170124, 170125 and 170126
170128	25776	Rotating Hook Loop Guard for 170158
170129	25767	Two-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate
170130	25770	Bed Extension Hinge Screw (front) Friction Washer
170131	25770	Bed Extension Hinge Screw (front) Washer
170132	25768	Arm Shaft (upright) Bushing (upper) for 170108
170133	25775	Needle Bar Thread Guard (upper)
170135	25776	Rotating Hook with two 462AL, for 170158 and 170167
170137	25775	Needle Bar (hollow)
170138	25775	Needle Clamp Gib and Thread Guard
170139	25772	Tension (graduated) complete, Nos. 45341, 45864, 45865, 45869, 45870, 45873, 66774, 125415 and two 2102
*170140		Set of Mated Gears for Lower Shaft
NOTE: No. 170140 is not supplied to U.S.A. Agencies. Machine must be returned to factory for gear replacements.		
*170141		Set of Mated Gears for Upper Shaft
NOTE: No. 170141 is not supplied to U.S.A. Agencies. Machine must be returned to factory for gear replacements.		
170142	25775	Needle Bar Connecting Link for 170143
170143		Needle Bar Connecting Link 170142 with 45739, for 170163
170145	25779	Machine Cradle Felt (bottom) for 170117
170148	25773	Feed Bar Throw-out Lever Clamp Disc (sleeve)
170149	25773	Feed Bar Throw-out Lever Screw for 170150
170150		Feed Bar Throw-out Lever Screw 170149 with 170151
170151	25773	Feed Bar Throw-out Lever Screw Thumb Nut for 170150
170152	25774	Throat Plate complete for 170044, Nos. 170083, 170098 and two 233ZJ
170156	25771	Bed Extension for 301-2 Machine
170157	25783	Two-pin Terminal (female half) Holder and Feed Rock Shaft Clearance Hole Cover Plate for 301-2 Machine
170158	25776	Rotating Hook 170135 with 140694F, 170128, 170160, 170166, 200145C and 200614C, for 170159
170159	25776	Rotating Hook (with Yielding Gib) and Bobbin Case complete, Nos. 45751 and 170158
170160	25776	Rotating Hook Gib for 170158 and 170167
170161	25778	Bobbin Winder Tension Bracket for 170162
170162	25778	Bobbin Winder Tension Bracket complete, Nos. 45847, 45915, 45916, 140138ZB and 170161
170163	25775	Thread Take-up Lever 45822 with 1130E, 45820, 140465E, 170143 and 170164
170164	25775	Thread Take-up Lever Link Hinge Stud (eccentric) for 170163 and 170165
170165		Thread Take-up Lever Link Hinge Stud (eccentric) 170164 with 1130E (for Agents only)
170166	25776	Rotating Hook Bobbin Case Base for 170158
170167		Rotating Hook 170135 with 140694F, 170160 and 200614C (for Agents only)
190613	25780	Tube filled with Singer Motor Lubricant (packed in carton)
192140	25785	Controller Resistance Unit for 95 to 145 volts, for 196914
192644	25787	Three-pin Terminal Housing (female half, lower) for 194521

NUMERICAL LIST OF PARTS

No.	Plate	Name
192691	25787	Three-pin Terminal Housing (female half) Sleeve for 194521
192692	25787	Three-pin Terminal Housing (female half) Sleeve Nut for 194521
193384	25781	Controller Resistance Unit Short Circuiting Contact for 196914, 196939, 196940 and 196941
193908	25785	Controller Lead Clamp for 196914
194120	25766	Light Lamp
NOTE: When ordering No. 194120, state voltage required.		
194321	25781	Controller Foot Pedal for 194583, 194584, 194585, 194827, 194828 and 194829
194324	25785	Controller Resistance Unit Bell Crank Connecting Link for 194422
194402	25785	Controller Resistance Unit Bell Crank Spring Bracket for 194422
194407	25781	Controller Base Cushion (rubber) for 194583, 194584, 194585, 194827, 194828 and 194829
194416	25785	Controller Resistance Unit Bell Crank for 194422
194421	25785	Controller Resistance Unit Bell Crank Spring for 196914
194422		Controller Resistance Unit Bell Crank Spring Bracket 194402 with 51340C, 140101C, 194324, 194416, 194773 and two 1607J, for 196914
194426	25785	Controller Cover for 196897
194479	25785	Controller Lead Clamp Insulation for 196914
194514		Controller Resistance Unit Bell Crank Spring Bracket Screw Insulating Disc for 196914
194517	25787	Controller Lead Cord from Wall Socket to Three-pin Terminal for 194522
194518	25787	Controller Lead Cord Plug for 194522
194520	25787	Three-pin Terminal Housing (female half, upper) for 194521
194521	25787	Three-pin Terminal (female half) complete for 194574, Nos. 192644, 194520, two each 1768X, 51093X and three each 192691 and 192692
194522	25787	Controller Lead Cord from Wall Socket to Three-Pin Terminal, Nos. 194517 and 194518, for 194574
194573	25781	Controller Cover for 194583, 194584, 194585, 194827, 194828 and 194829
194574	25787	Controller Lead Cord with Three-pin Terminal complete for 194583, 194584, 194585, Nos. 194521, 194522 and 194575
194575	25787	Controller Lead Cord from Controller to Three-pin Terminal for 194574
194583		Foot Controller complete, for 32 to 55 volts, A.C. or D.C. Motor for 301-2 Machine, Nos. 194321, 194573, 194574, 196917 and four each 140099X and 194407
194584	25787	Foot Controller complete, for 95 to 145 volts, A.C. or D.C. Motor for 301-2 Machine, Nos. 194321, 194573, 194574, 196918 and four each 140099X and 194407
194585		Foot Controller complete, for 150 to 250 volts, A.C. or D.C. Motor for 301-2 Machine, Nos. 194321, 194573, 194574, 196919 and four each 140099X and 194407
194603		Controller Base Screw Washer
194773	25785	Controller Resistance Unit Yoke for 194422
194774	25785	Controller Resistance Unit Adjusting Nut for 196914
194775	25785	Controller Resistance Unit Adjusting Nut Lock Spring for 196914
194825	25781	Controller Lead complete, 60 in. long for 194827, 194828 and 194829
194827		Controller complete, for 32 to 55 volts, A.C. or D.C. Motor for 301-1 Machine, Nos. 194321, 194573, 194825, 196917 and four each 140099X and 194407

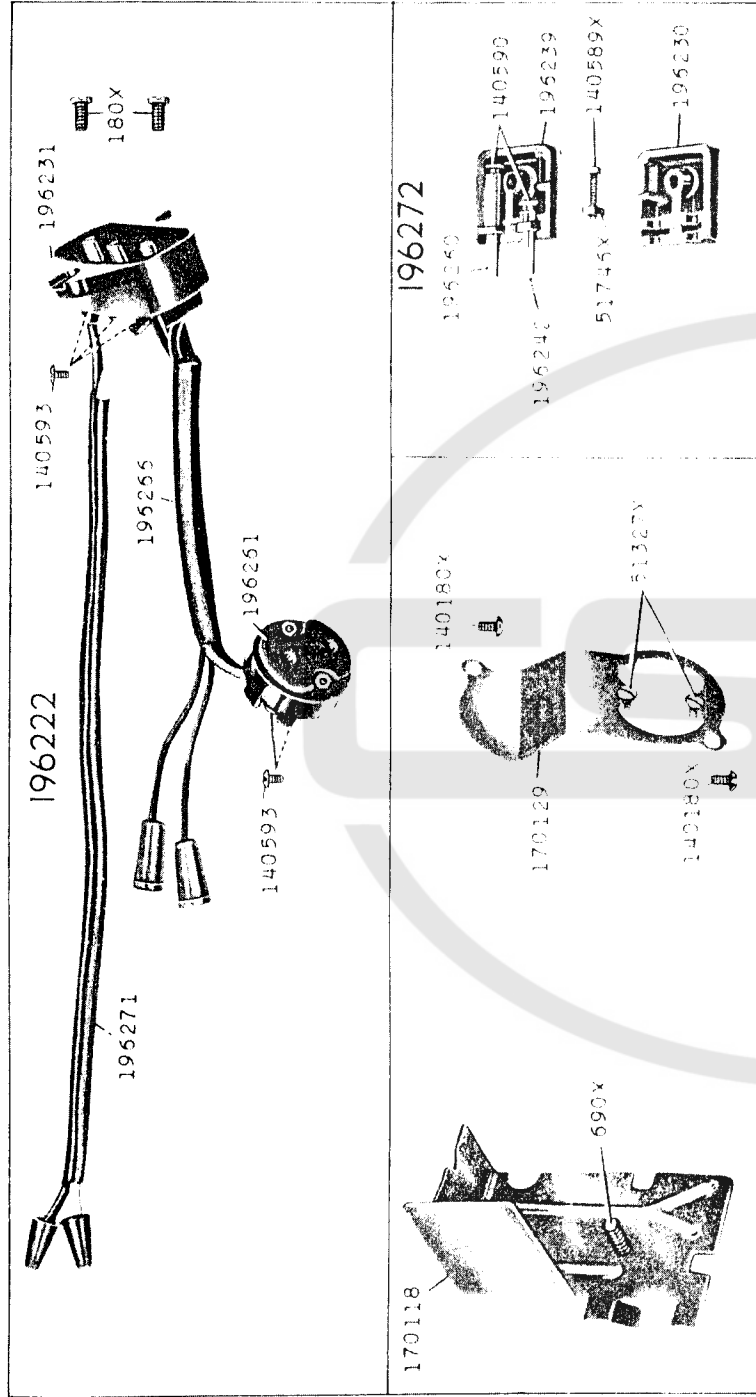
NUMERICAL LIST OF PARTS

No.	Plate	Name
194828	25781	Controller complete, for 95 to 145 volts, A.C. or D.C. Motor for 301-1 Machine, Nos. 194321, 194573, 194825, 196918 and four each 140099X and 194407
194829		Controller complete, for 150 to 250 volts, A.C. or D.C. Motor for 301-1 Machine, Nos. 194321, 194573, 194825, 196919 and four each 140099X and 194407
195130	25766	Light Body Snap Ring for 196221
195137		Light Switch Rotating Contact for 195957
195138		Light Switch Rotating Contact Cam for 195957
195139		Light Switch Rotating Contact Cam Insulation for 195957
195143	25766	Light Switch Key Snap Ring for 196238
195540	25780	Armature Shaft Bearing (commutator end)
195541	25780	Armature Shaft Bearing (commutator end) Retainer
195543	25780	Brush Cover
195544	25780	Field Core Wedge
195545	25780	End Cover Insert (brass)
195546	25780	End Cover Disc (felt)
195547	25780	Brush Holder
195871	25780	Field Core complete
195874	25780	Brush Lead Terminal
195957	25766	Light Switch Rotating Contact 195137 with 195138 and 195139, for 196221
196203	25780	Motor Housing (pinion end)
196221	25766	Light complete (less lamp) Nos. 183E, 195130, 195957, 196227, 196237, 196238 and 196262
196222	25767	Wiring Harness complete for 301-1 Machine, Nos. 196231, 196261, 196266 and 196271
196224	25782	Three-pin Terminal (female half) with Lead complete (from outlet to Machine) for 301-1 Machine, Nos. 196247 and 196291
196226	25766	Light Body (lower half) for 196238
196227	25766	Light Body (upper half) for 196221
196228	25782	Three-pin Terminal Body (female half, upper) for 196291
196229	25782	Three-pin Terminal Body (female half, lower) for 196291
196230	25767	Two-pin Terminal (male half) Body (lower half) for 196272
196231	25767	Three-pin Terminal (male half) with three 140593 (fastened to Machine) for 196222 and 196778
196234	25780	Motor Housing Terminal Post
196235	25780	Armature Shaft Pinion with 460AL
196236	25780	Motor Housing Terminal Post Insulation
196237	25766	Light Body Clamp for 196221
196238	25766	Light Body (lower half) 196226 with 195143, 196240 and 931728, for 196221
196239	25767	Two-pin Terminal (male half) Body (upper half) for 196272
196240	25766	Light Switch Key for 196238
196242	25767	Two-pin Terminal (male half) Terminal Post (short) for 196272
196247	25782	Three-pin Terminal (female half) Lead with Plug and Eyelet for 196224
196252	25780	Armature with Fan complete for PA2-8 Motor
196253		Field Core with Coils and Terminals complete for PA2-8 Motor
196254	25780	Field Core complete for PA2-8 Motor
196260	25767	Two-pin Terminal (male half) Terminal Post (long) for 196272
196261	25767	Two-pin Terminal (female half) with two 140593 (fastened to Machine) for 196222
196262	25766	Light Lead with Terminal Clips and Spring Contacts complete for 196221
196266	25767	Wiring Harness Leads from Three-pin Terminal (male half) to Two-pin Terminal (female half) and to Motor for 196222

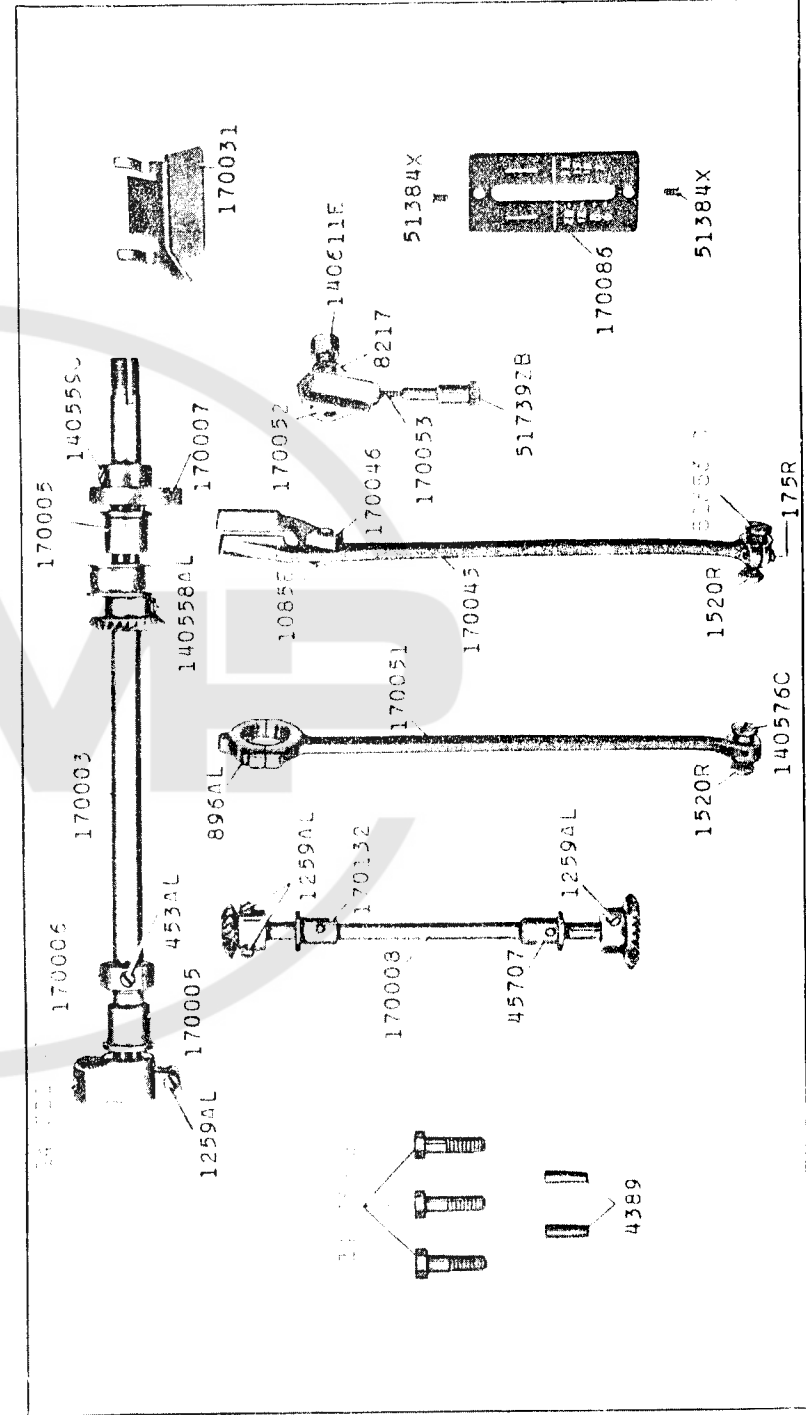
No.	Plate	Name
196269	25783	Lead (black) with Terminal and Insulating Sleeve for 196863
196270	25783	Lead (red) with Terminal and Insulating Sleeve for 196863
196271	25767	Wiring Harness Lead (from Three-pin Terminal to Light) for 196222 and 196778
196272	25767	Two-pin Terminal (male half) complete (Controller Lead end) for 301-1 Machine, Nos. 51746X, 140589X, 196230, 196239, 196242, 196260 and two 140590
196282	25783	Lead Sleeve for 196778
196291	25782	Three-pin Terminal (female half) less Lead complete for 196224, Nos. 196228, 196229 and two each 1768X and 51093X
196319	25786	Controller Plug Receptacle Lead Plug with Clamp and two 50764J, for 196683
196411		Armature with Fan complete for PA2-1 Motor
196412		Armature with Fan complete for PA2-3 Motor
196413		Armature with Fan complete for PA2-5 Motor
196414		Armature with Fan complete for PA2-6 Motor
196415		Armature with Fan complete for PA2-7 Motor
196416		Armature with Fan complete for PA2-9 Motor
196417		Armature with Fan complete for PA2-10 Motor
196418		Armature with Fan complete for PA2-11 Motor
196419		Armature with Fan complete for PA2-12 Motor
196420		Armature with Fan complete for PA2-14 Motor
196421		Armature with Fan complete for PA2-15 Motor
196422		Field Core with Coils and Terminals complete for PA2-1 Motor
196423		Field Core with Coils and Terminals complete for PA2-3 Motor
196424		Field Core with Coils and Terminals complete for PA2-5 Motor
196425		Field Core with Coils and Terminals complete for PA2-6 Motor
196426		Field Core with Coils and Terminals complete for PA2-7 Motor
196427		Field Core with Coils and Terminals complete for PA2-9 Motor
196428		Field Core with Coils and Terminals complete for PA2-10 Motor
196429		Field Core with Coils and Terminals complete for PA2-11 Motor
196430		Field Core with Coils and Terminals complete for PA2-12 Motor
196431		Field Core with Coils and Terminals complete for PA2-14 Motor
196432		Field Core with Coils and Terminals complete for PA2-15 Motor
196433		Field Coil complete for PA2-1 Motor
196434		Field Coil complete for PA2-3 Motor
196435		Field Coil complete for PA2-5 Motor
196436		Field Coil complete for PA2-6 Motor
196437		Field Coil complete for PA2-7 Motor
196438		Field Coil complete for PA2-9 Motor
196439		Field Coil complete for PA2-10 Motor
196440		Field Coil complete for PA2-11 Motor
196441		Field Coil complete for PA2-12 Motor
196442		Field Coil complete for PA2-14 Motor
196443		Field Coil complete for PA2-15 Motor
196617	25780	End Cover (commutator end) with Grease Tube
196630	25780	Armature Shaft Bearing (pinion end)
196673	25786	Junction Box for 196682
196674	25786	Controller Plug Receptacle for 196682
196676	25786	Junction Box Strain Relief (two piece) for 196682

No.	Plate	Name
196677	25786	Controller Plug Receptacle Jumper Lead (brown) for 196682
196679	25786	Junction Box Cover for 196682
196682	25784	Junction Box complete for 196928, Nos. 196673, 196676, 196677, 196679, 196683, 196684, 197170, two 196674 and four 50637X
196683		Controller Plug Receptacle Lead 197168 with 196319, for 196682
196684	25786	Controller Plug Receptacle Jumper Lead (green) for 196682
196778	25783	Wiring Harness with Three-Pin Terminal (male half) complete for 301-2 Machine, Nos. 196231, 196271, 196282 and 196863
196861	25780	Brush Spring
196862	25780	Brush (carbon)
196863		Wiring Harness less Three-pin Terminal (male half) from Three-pin Terminal to Motor, Nos. 196269 and 196270, for 196778
196892	25784	Wiring Harness with Safety Switch (mercury) complete for 196929
196897	25784	Controller with Six-pin Socket and Line Lead complete for 95 to 145 volts A.C. or D.C. Motor, for 196928, Nos. 194426, 196914, 196975 and two each 50791J and 140102X
196901	25784	Safety Switch (Mercury) Mounting Bracket for 196912
196907	25784	Controller Lead with Six-pin Plug and Line Lead Retainer for 196929
196912		Electrical Outfit with Safety Switch complete for School Tables Nos. 410, 414, 415 and 416, for 301-3 Machine, Nos. 196901, 196928 and two each 196929 and 197017
196914	25785	Controller Base 196931 with 23258, 192140, 193384, 193908, 194422, 194479, 194774, 194775, 196931, and two each 50587J, 51327J, 140100X, 140103X, 194421, 194514 and 931090, for 196897
196917		Controller Base 196930 with 196939 and two each 23258, 140103X and 931090, for 194583 and 194827
196918	25781	Controller Base 196930 with 196940 and two each 23258, 140103X and 931090, for 194584 and 194828
196919		Controller Base 196930 with 196941 and two each 23258, 140103X and 931090, for 194585 and 194829
196928		Wiring Outfit complete for School Tables Nos. 410, 414, 415 and 416, Nos. 196682, two 196897 and four wood screws 3/4 in. No. 8 R.H.B., for 196912
196929		Wiring Outfit complete for 196912, Nos. 196892 and 196907
196930	25781	Controller Base for 196917, 196918 and 196919
196931	25785	Controller Base for 196914
196935	25781	Controller Resistance Unit Linkage for 196939, 196940 and 196941
196937	25781	Controller Resistance Unit Linkage Cross Slide for 196939, 196940 and 196941
196939		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196953 and two each 50587J, 51327J and 193384, for 32 to 55 volts, A.C. or D.C., for 196917
196940		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196954 and two each 50587J, 51327J and 193384, for 95 to 145 volts, A.C. or D.C., for 196918
196941		Controller Resistance Unit with Linkage, Nos. 1783X, 196935, 196937, 196955 and two each 50587J, 51327J and 193384, for 150 to 250 volts, A.C. or D.C., for 196919

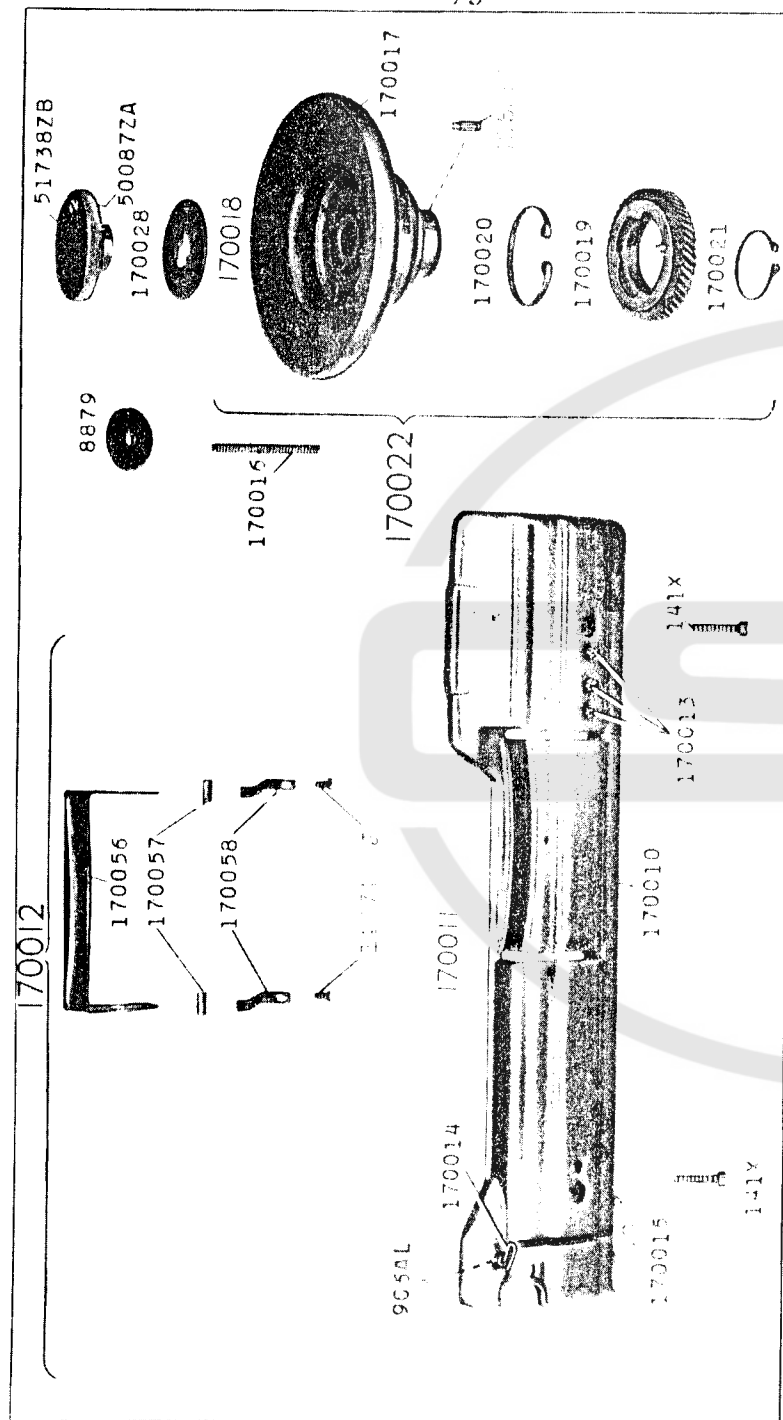
25767-1/2



25768-1/3

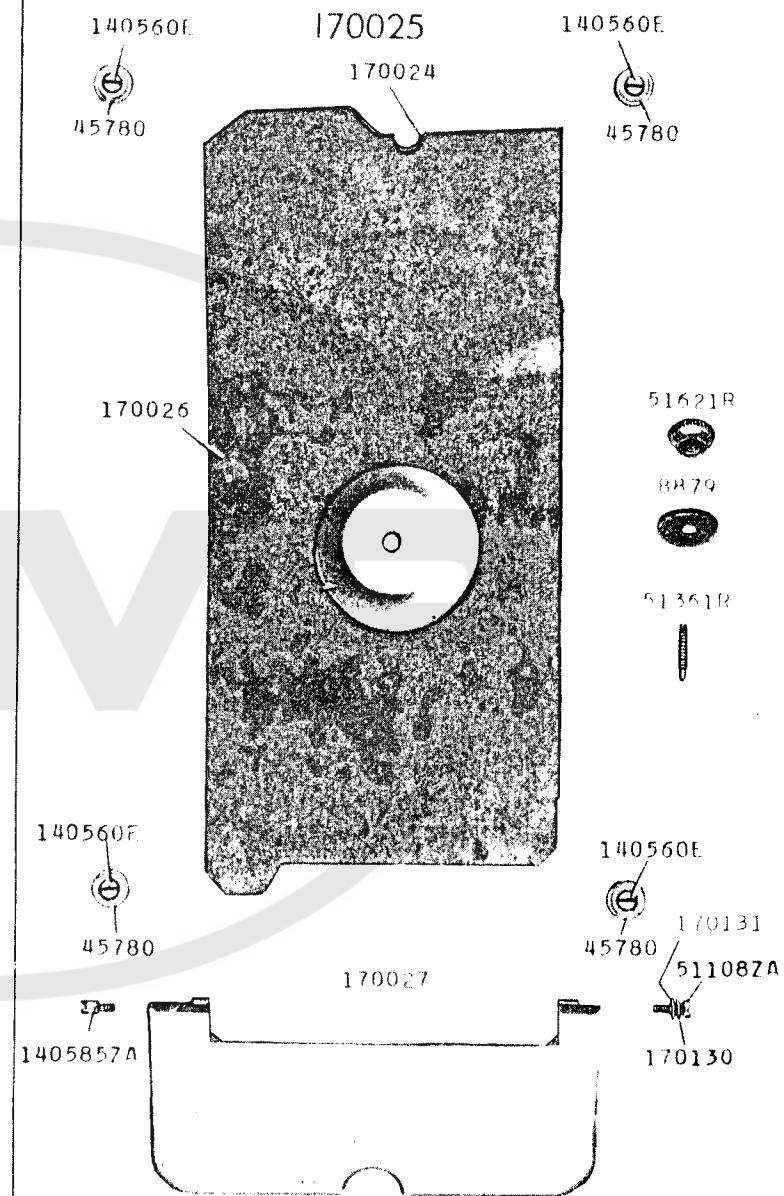


25769-1/3



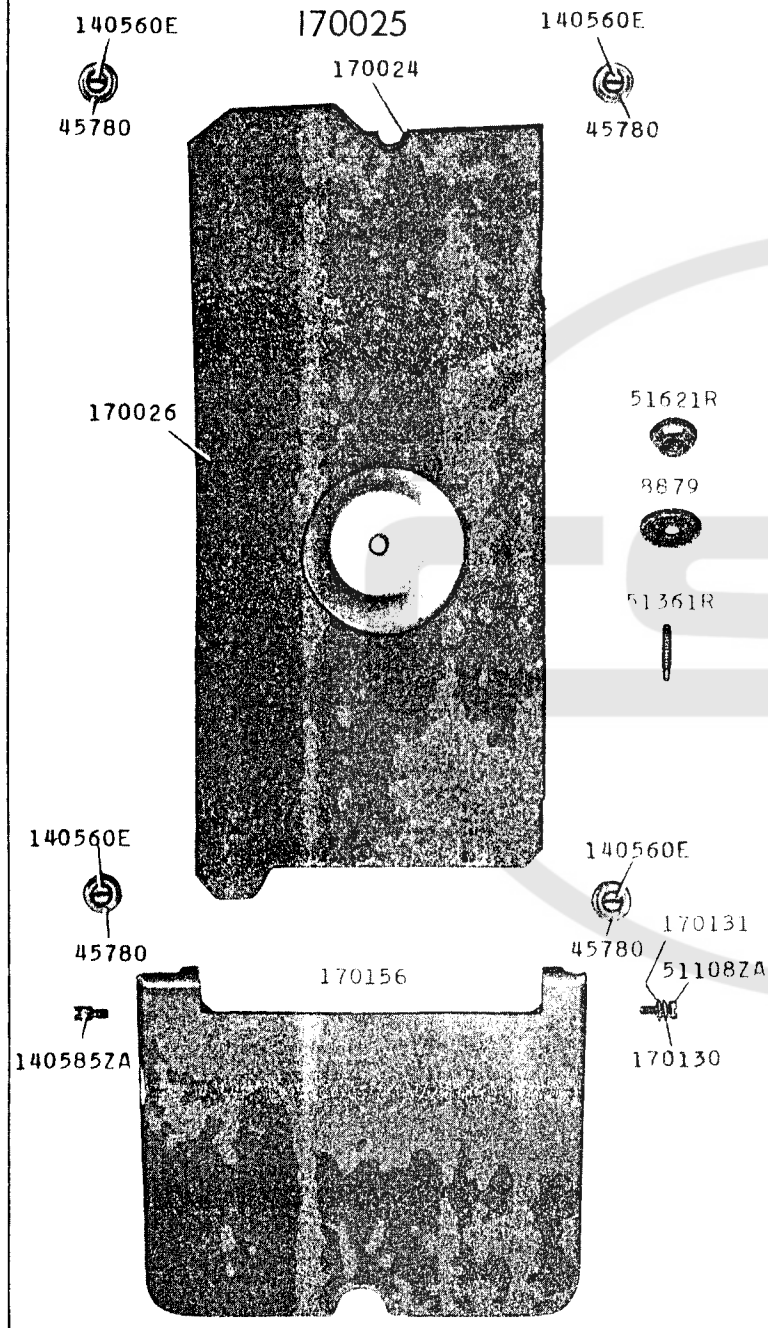
25770-1/3

301-1, 301-3

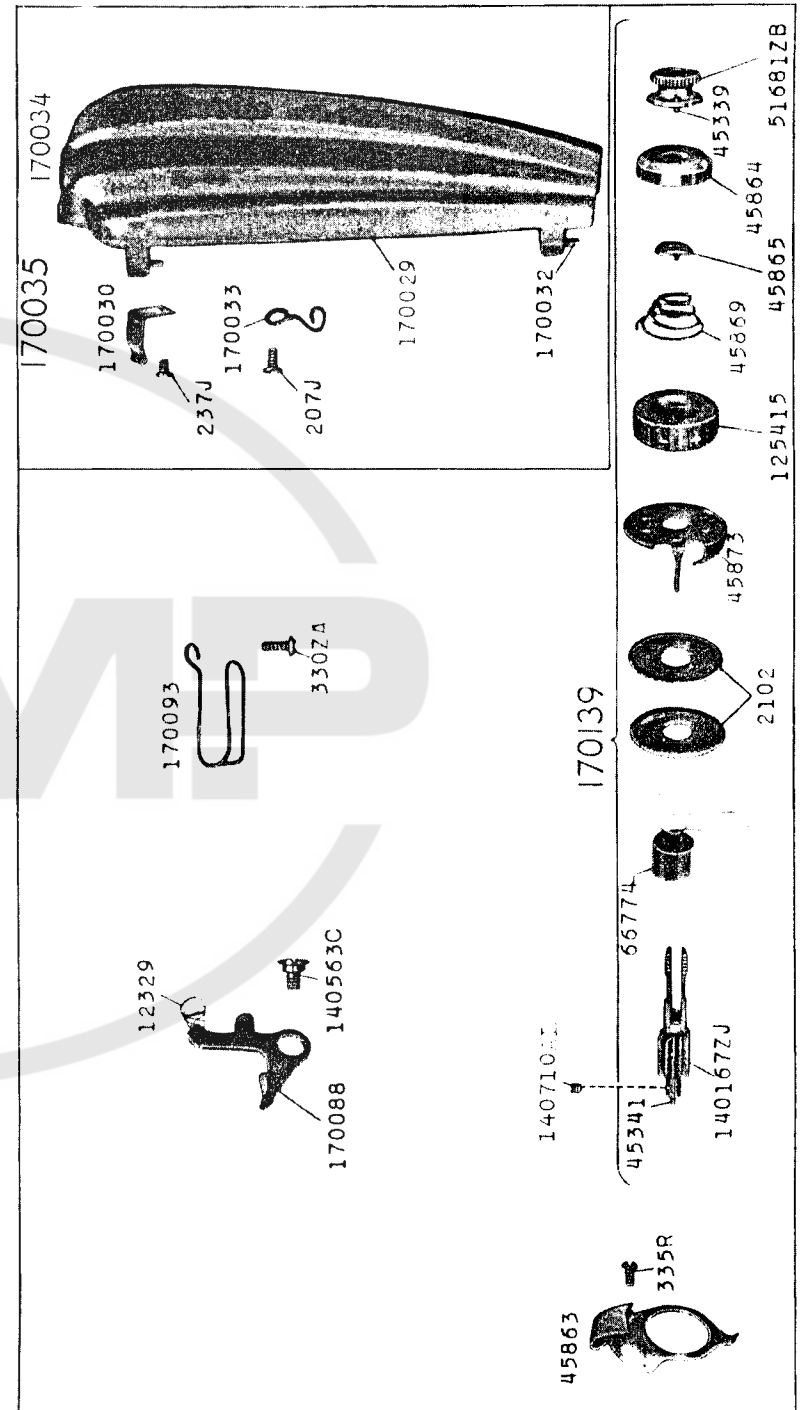


25771-1/3

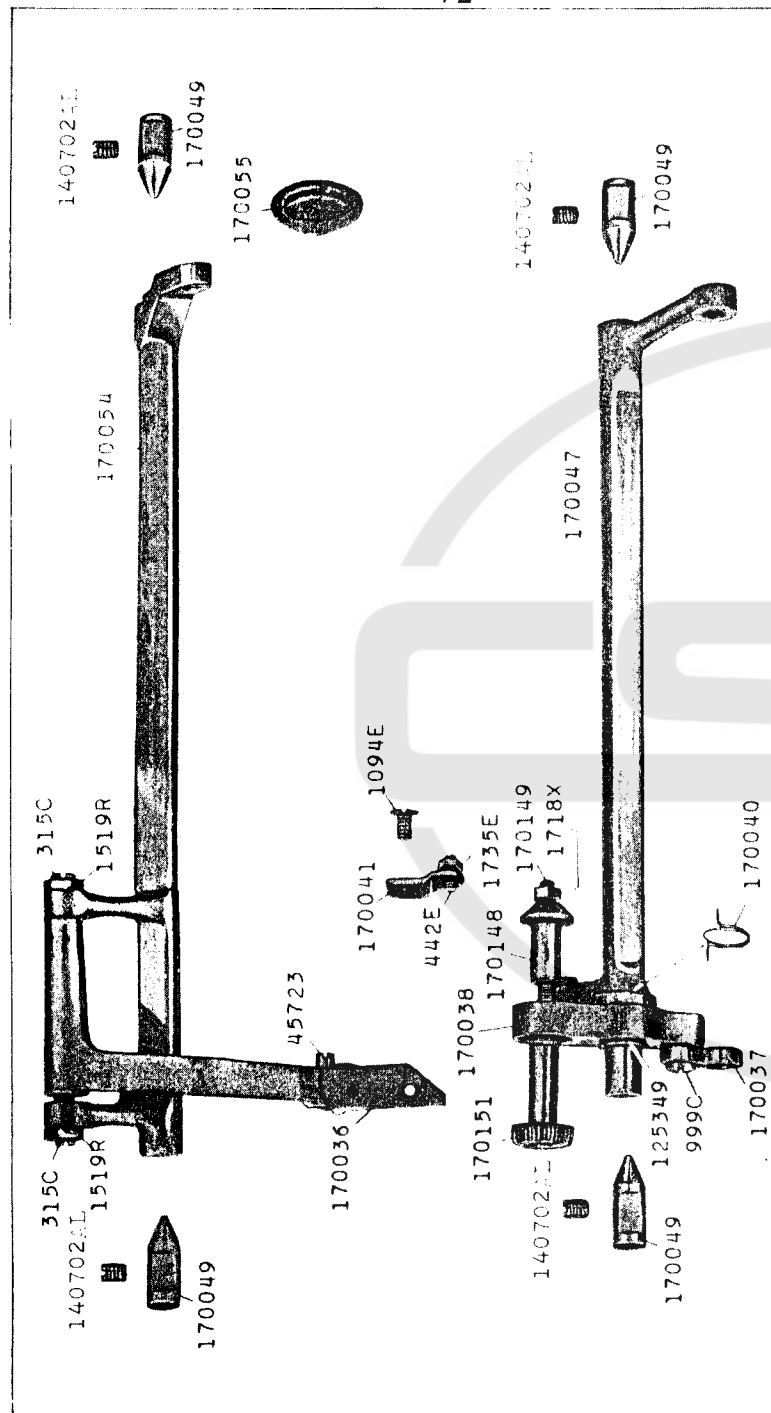
301-2



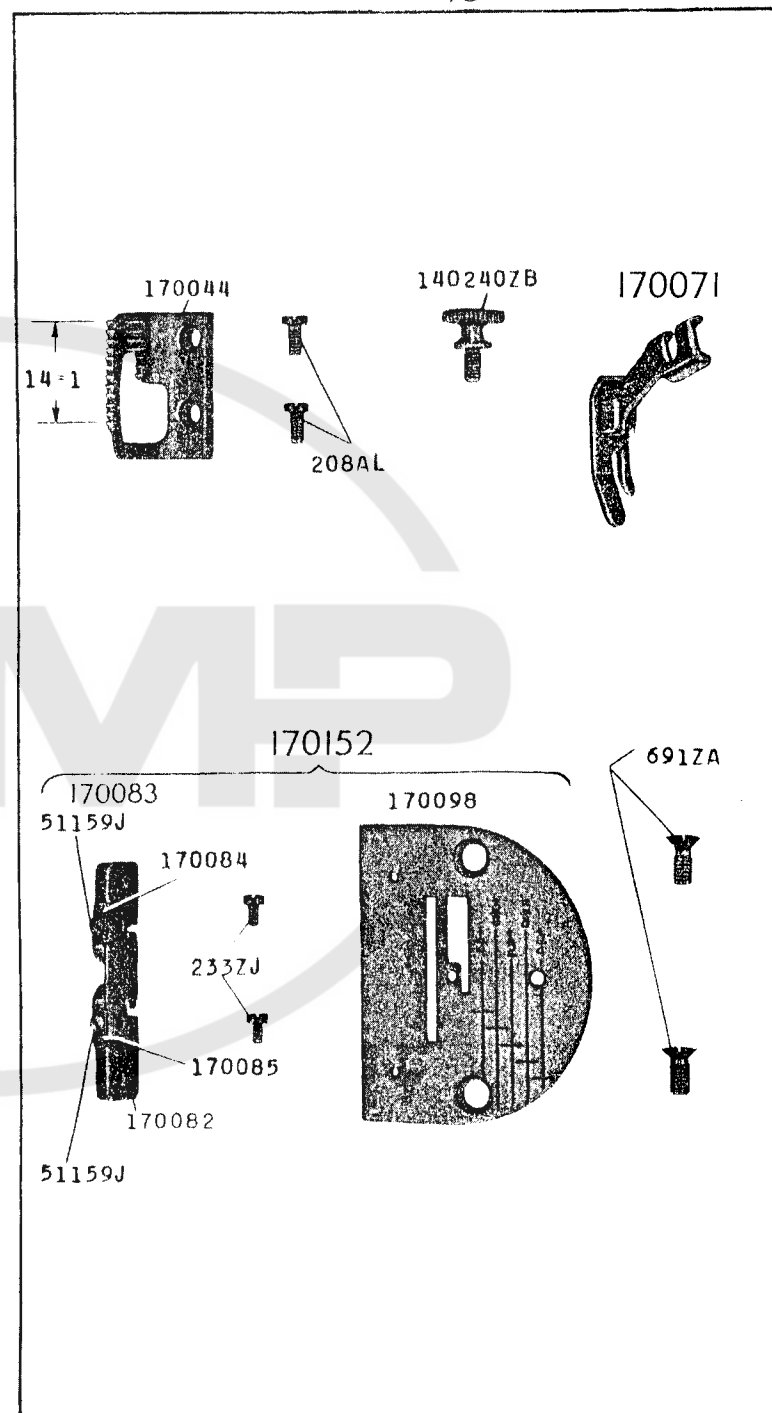
25772-1/2



25773-1/2



25774-2/3



Exploded view diagram of a mechanical assembly. The diagram shows the following parts and their labels:

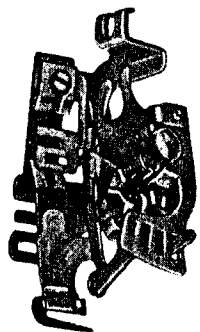
- 1405862B**: A vertical bolt or screw at the top left.
- 448AL**: A small rectangular component near the top center.
- 170163**: A large, complex bracket or frame component in the upper right.
- 1130 E**: A small T-shaped component below 448AL.
- 45821**, **45825**, **45824**: Small components on the right side of the 170163 bracket.
- 140465E**, **45820**, **170142**, **51363E**: Components on the lower right side of the 170163 bracket.
- 33624**: A long vertical rod or shaft on the left side.
- 85E**: A small component on the far left.
- 170067**: A spring component on the left side.
- 170063**, **170065**, **170066**, **170064**: Components on the left side, below the spring.
- 453AL**: A component on the left side, below 170065.
- 454AL**: A small component on the left side, below 170064.
- 170091**: A component on the left side, below 454AL.
- 170137**: A long vertical rod or shaft in the center.
- 170061**: A component on the right side, below 170137.
- 454AL**: A small component on the right side, below 170061.
- 170133**, **6652B**: Components on the right side, below 170061.
- 45354**: A component on the right side, below 170133.
- 170138**: A component on the right side, below 45354.
- 513082J**, **1405452C**, **45878**: Components on the right side, below 170138.

Exploded view diagram of a mechanical assembly, likely a vehicle axle and suspension system. The diagram shows various components labeled with part numbers. On the left, a bracket groups parts 206737, 206736, and 206735. Above this, a bracket groups parts 45751 and 170159. In the center, a bracket groups parts 200964E, 20092C, and 170166. To the right, a bracket groups parts 170135, 462AL, and 170128. At the bottom right, a bracket groups parts 170079, 447AL, 170077, 170078, and 1259AL. A separate bracket on the far right groups parts 442AL and 443AL. The diagram shows the assembly of these parts into a complete axle and suspension unit.

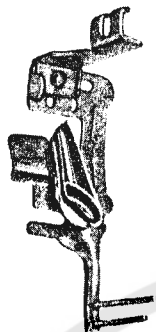
25777-1/2

160623

160629



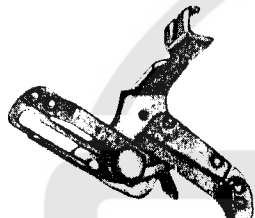
160624



160625



160626



160628



160627



120378



25537



8879



45785



25778-2/3

170161



45915



45847



45916



140138



170162

20575



170016



8879



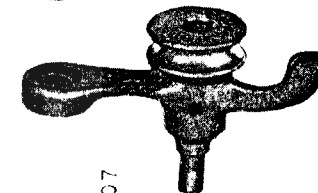
15287



50464



170100



170107



170101



170109



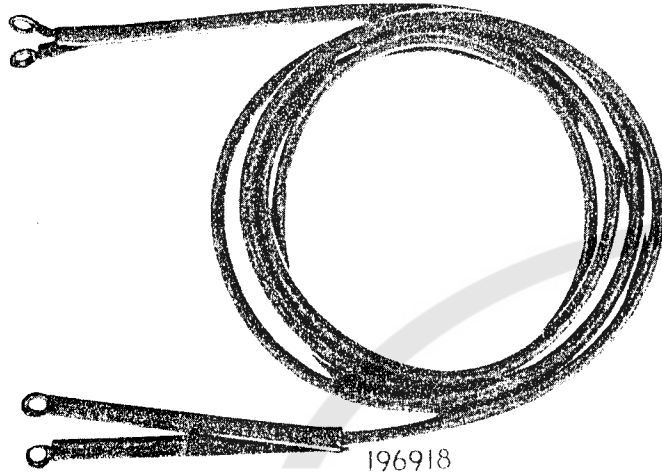
50117



25781-1/3

194828

194825



196918

196937

51327

1783

140103

196930

23258

140099

196936

193384

194954

194407

505871

194321

194573

301-I

25782-2/3

301-I

196291

1783 X

51327 X

1783 X

1783 X

51327 X

1783 X

1783 X

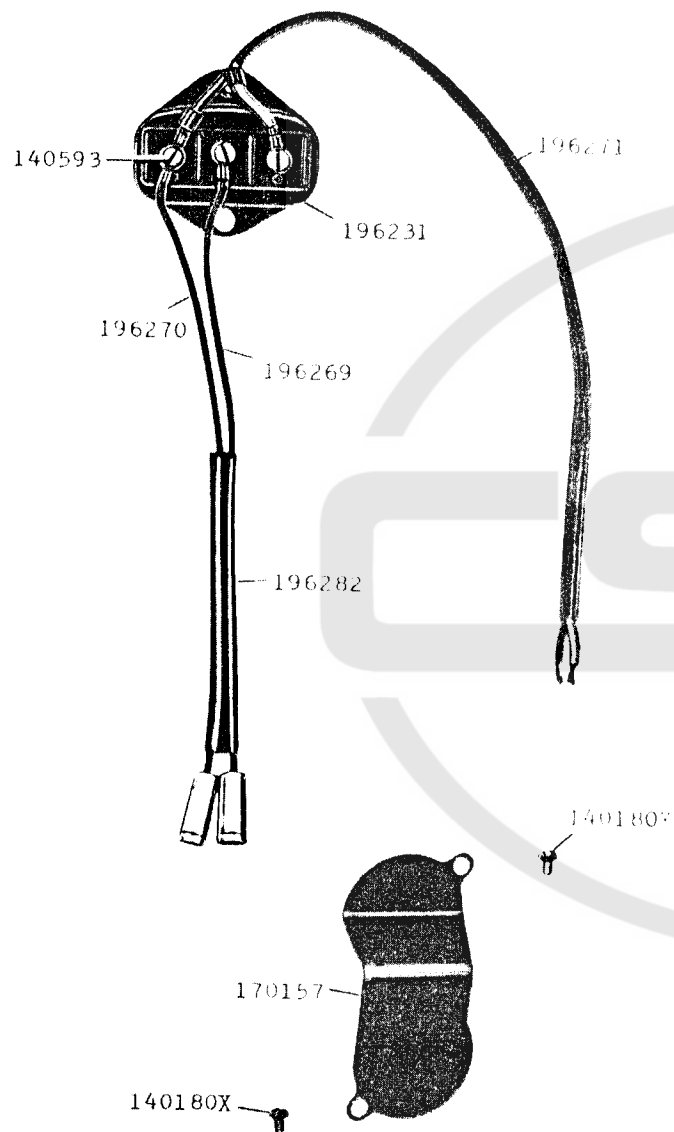
196224



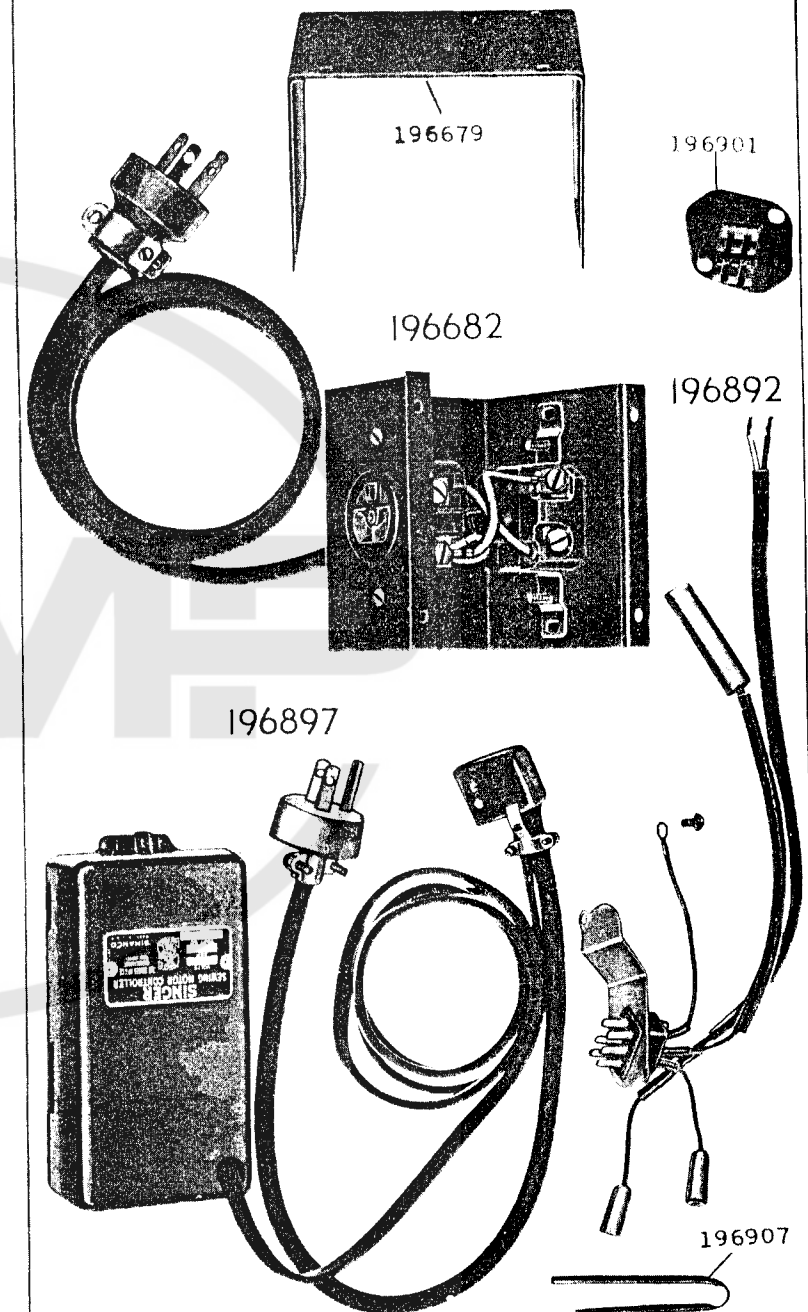
25783-1/3

301-2

196778

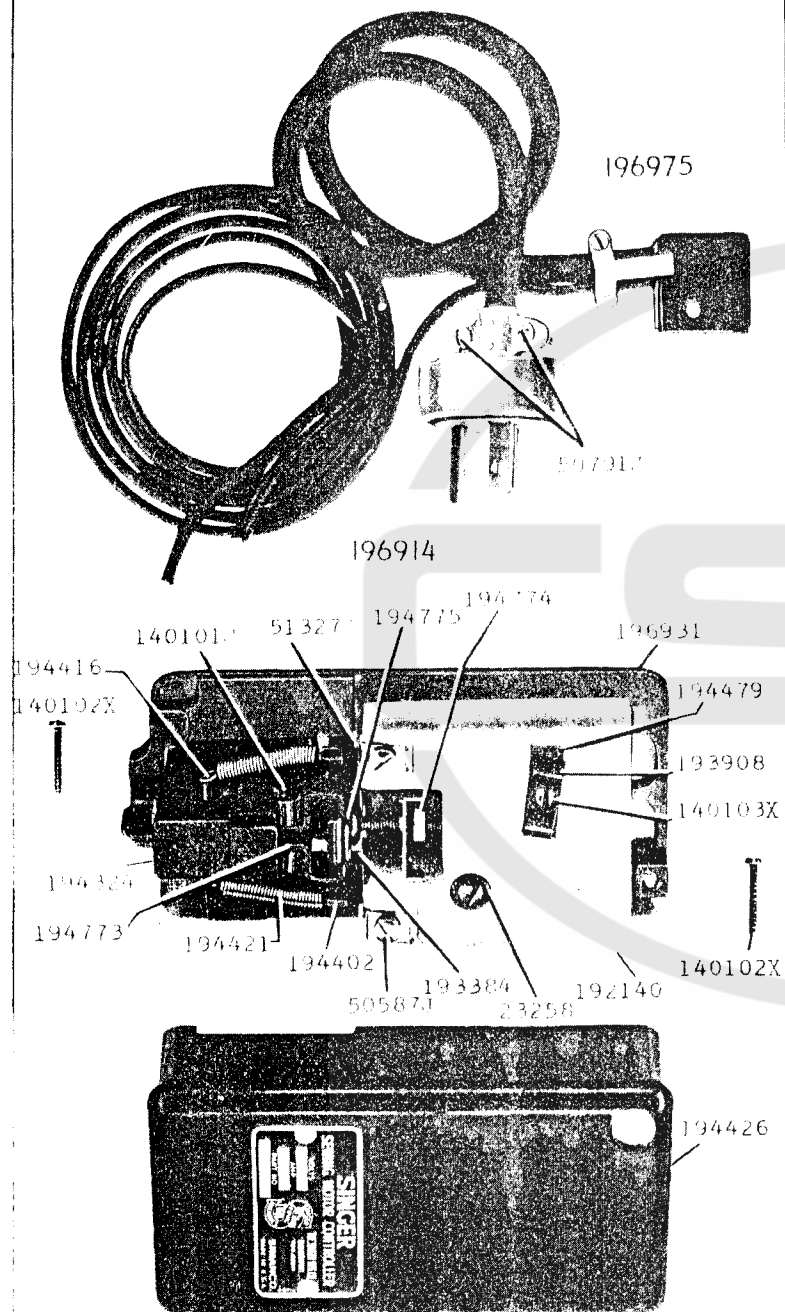


25784-1/3



25785-2/3

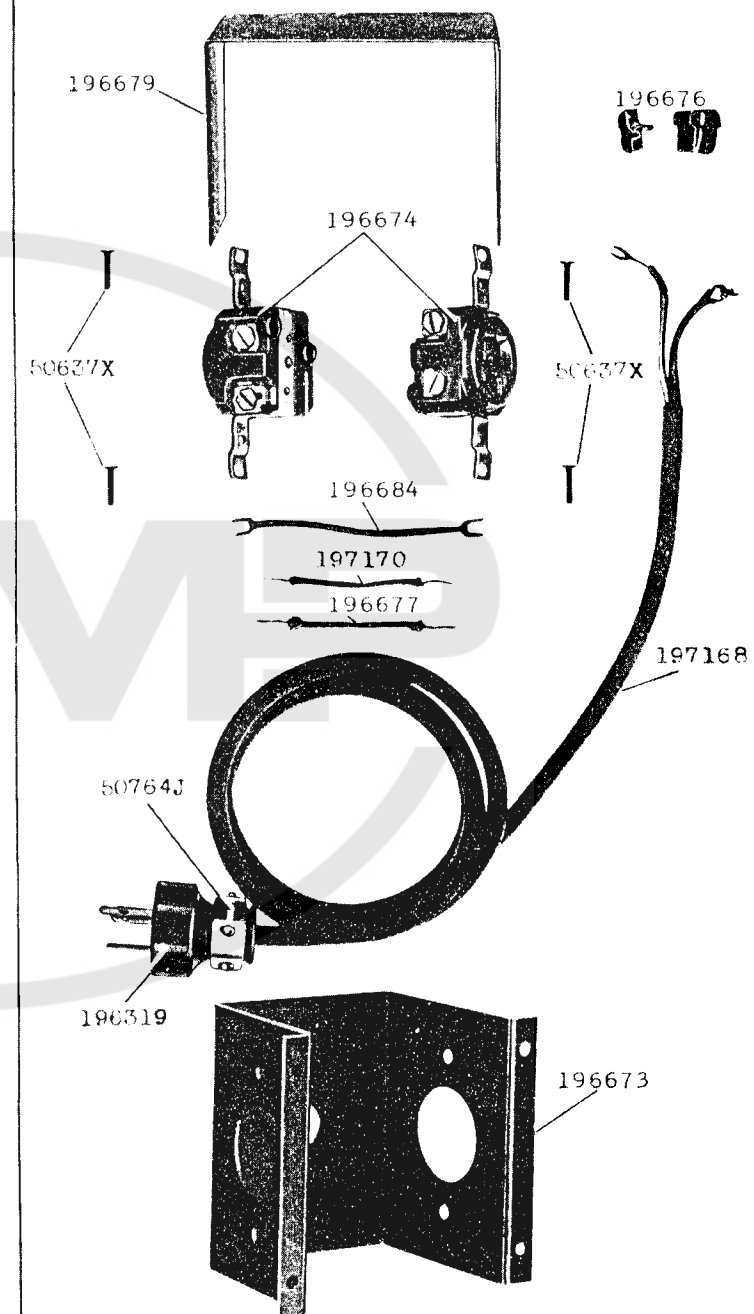
196897



301-3

25786-1/3

196682

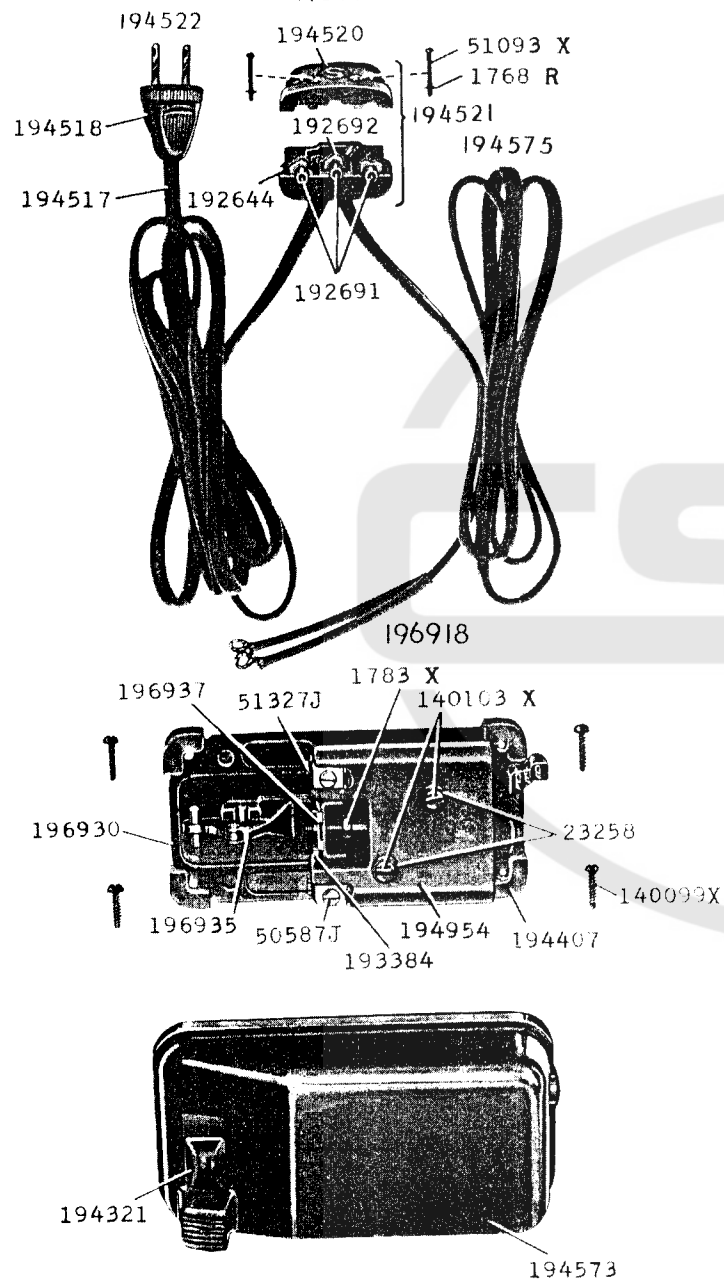


25787-1/3

30! 2

194584

195574



25788-1/2

160688

160687

160689

120861



160690

160691

121632

