

**OPERATING INSTRUCTIONS
AND PARTS BOOK**

CONSEW

BLINDSTITCH MACHINE SERIES

1099,
1118 & 1118L
SERIES

CONSEW

CONSOLIDATED SEWING MACHINE CORP.

INDUSTRIAL SEWING EQUIPMENT

| | MODEL | DESCRIPTION |
|----|----------|--|
| 1 | 1099PB | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder - No Work Plate for Pants Bottom |
| 2 | 1099-2M | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder Swing-Away Work Plate For Medium Weight Fabrics |
| 3 | 1099-2L | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder Swing-Away Work Plate For Light Weight Fabrics |
| 4 | 1099-2H | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder Swing-Away Work Plate For Heavy Weight Fabrics |
| 5 | 1099-2K | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder Swing-Away Work Plate For Knit Fabrics |
| 6 | 1099-9 | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder - Large Stationary Work Plate For Draperies |
| 7 | 1099-9E | 1 to 1 Ratio - Nonskip Stitch Narrow Cylinder Extra Large Stationary Work Plate For Draperies |
| 8 | 1118-2M | 2 to 1 & 1 to 1 Ratio - Skip & Nonskip Narrow Cylinder Swing-Away Work Plate For Medium Weight Fabrics |
| 9 | 1118-2L | 2 to 1 & 1 to 1 Ratio - Skip & Nonskip Narrow Cylinder Swing-Away Work Plate For Light Weight Fabrics |
| 10 | 1118-2H | 2 to 1 & 1 to 1 Ratio - Skip & Nonskip Narrow Cylinder Swing-Away Work Plate For Heavy Weight Fabrics |
| 11 | 1118-2K | 2 to 1 & 1 to 1 Ratio - Skip & Nonskip Narrow Cylinder Swing-Away Work Plate For Knit Fabrics |
| 12 | 1118-9 | 2 to 1 & 1 to 1 Ratio - Skip & Nonskip Narrow Cylinder Large Stationary Work Plate For Draperies |
| 13 | 1118-9E | 2 to 1 & 1 to 1 Ratio - Skip & Nonskip Narrow Cylinder Extra Large Stationary Work Plate For Draperies |
| 14 | 1118L-2M | Same as 1118-2M Except with Lubrication |
| 15 | 1118L-2L | Same as 1118-2L Except with Lubrication |
| 16 | 1118L-2H | Same as 1118-2H Except with Lubrication |
| 17 | 1118L-2K | Same as 1118-2K Except with Lubrication |
| 18 | 1118L-9 | Same as 1118-9 Except with Lubrication |
| 19 | 1118L-9E | Same as 1118-9E Except with Lubrication |

INDEX

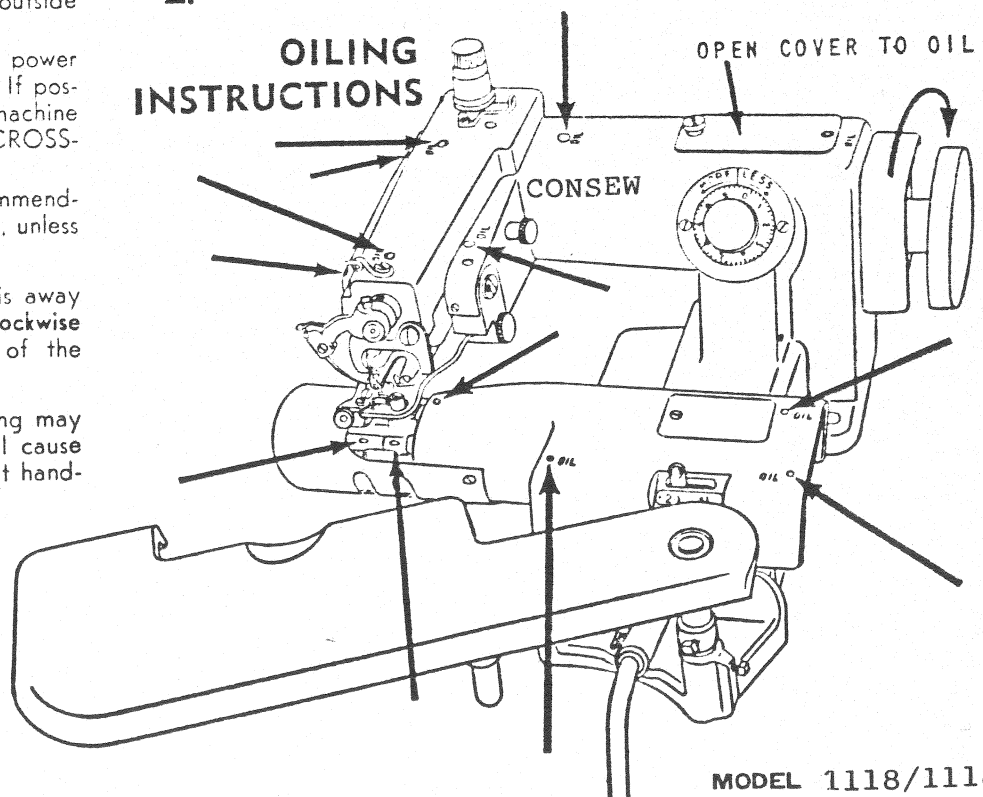
| INFORMATION | PAGE | PARTS | PAGE |
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| Models in our Line..... | | Inside Cover | |
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MOUNTING MACHINE

1. Fasten machine to table using felt pad. Tighten screws evenly, turning each a little at a time.
 - a. When an individual motor and clutch unit is employed, it is recommended that the motor be rated at 1/3 HP and 1725/1750 RPM. On all standard models, use a 3 1/2" outside diameter pulley. On models intended for alteration, use a 2 1/2" outside diameter pulley.
 - b. When the machine is mounted on a power table, a 4" pulley should be used. If possible, when using such stands, the machine should be mounted TO AVOID CROSSING THE BELT.
 - c. The maximum machine speed recommended for any installation is 3000 RPM, unless otherwise specified.
2. The handwheel's direction of rotation is away from the operator. It rotates in a clockwise direction when looking at the face of the wheel pulley, as shown by the arrow.
3. Either V-beltting or round leather beltting may be used. Excessive tension of belt will cause over-heating and freezing of bearing at hand-wheel.

CAUTION: BEFORE OPERATING MACHINE, LUBRICATE IN ACCORDANCE WITH INSTRUCTIONS. REFER TO OIL CHART.

1. Place a few drops of oil at all points shown on the oiling chart. All moving parts MUST be oiled.
2. In production use, the machine should be oiled twice daily



1. The first part of the document discusses the general principles of the system. It is intended to provide a comprehensive overview of the subject matter.

2. The second part of the document details the specific procedures and protocols that must be followed. These are designed to ensure consistency and accuracy in the process.

3. The third part of the document outlines the responsibilities of the various personnel involved. Each role is clearly defined to prevent any confusion or overlap.

4. The fourth part of the document provides a summary of the key findings and conclusions. This section is crucial for understanding the overall impact and implications of the study.

5. The fifth part of the document contains a list of references and sources. These are provided to allow for further research and verification of the information presented.

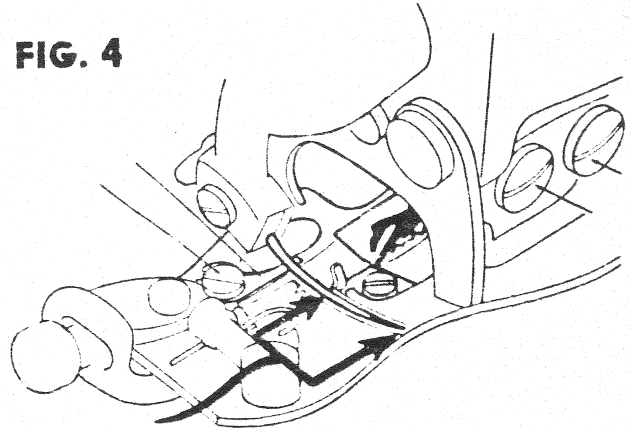
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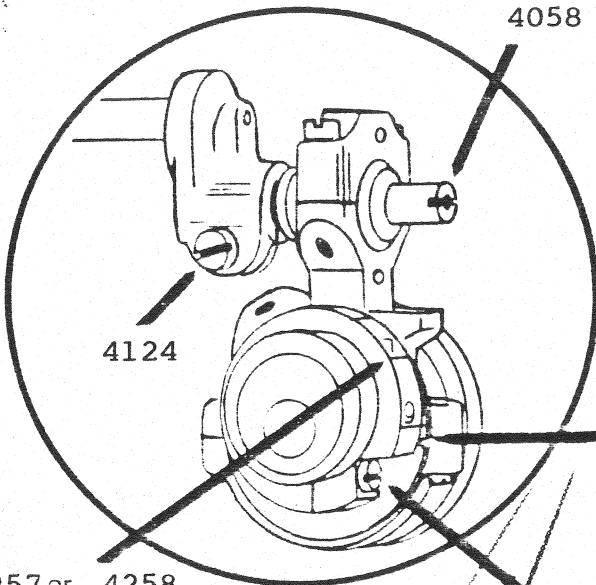
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FIG. 4



5/8" to 11/16"

FIG. 5



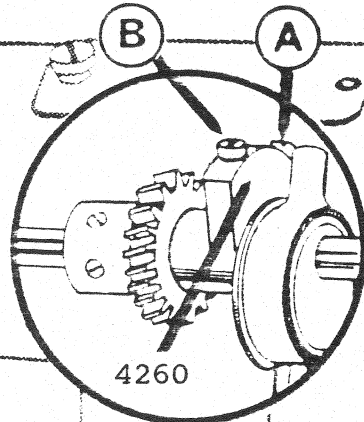
4124

4058

NOTCH IN
4250

4257 or 4258
REGULATING
COLLAR

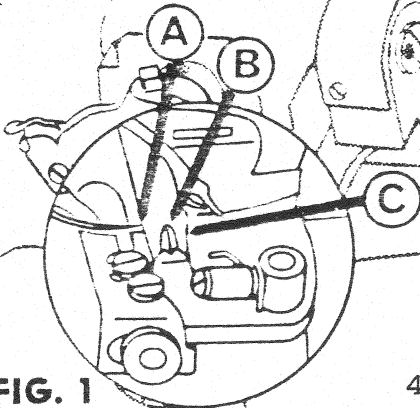
Fig. 2



4260

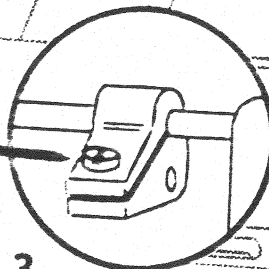
4057

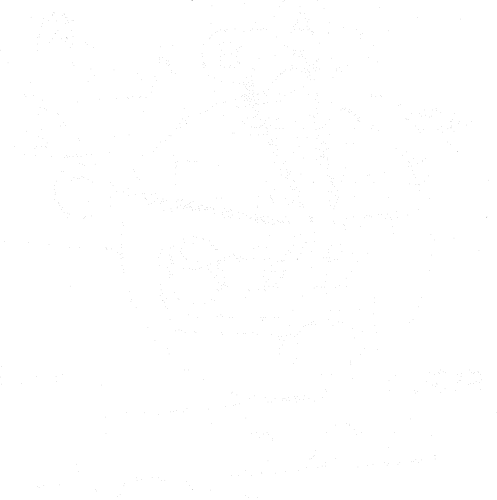
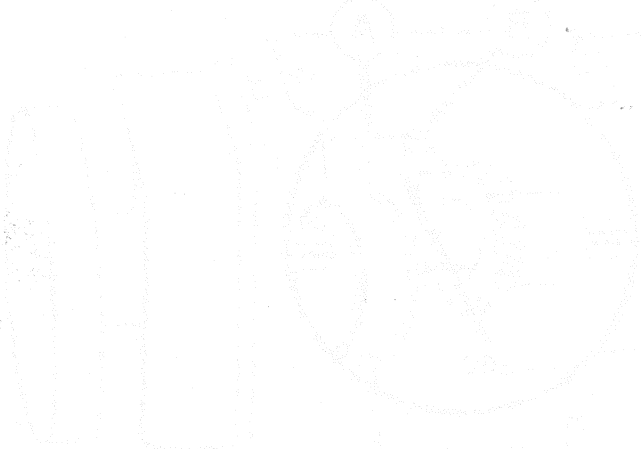
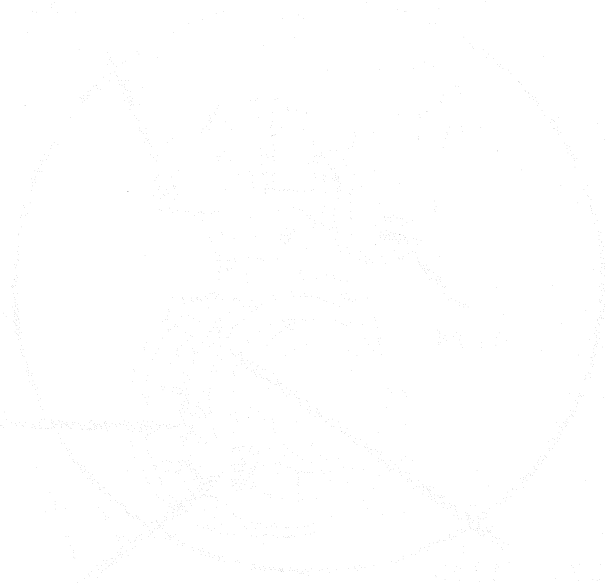
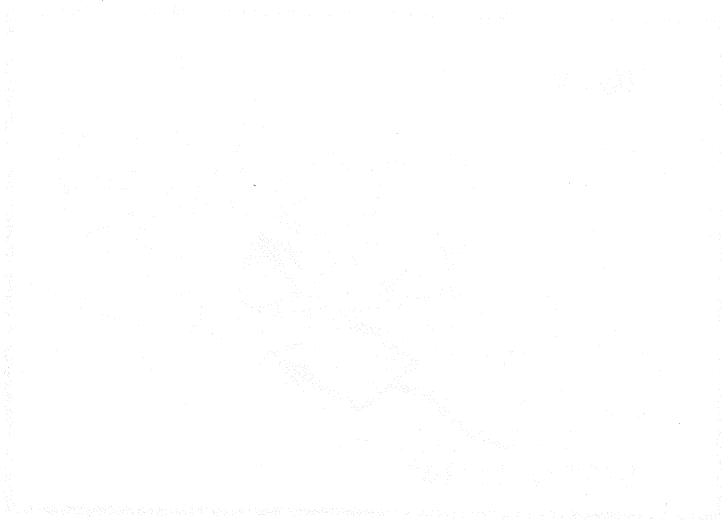
FIG. 1



4019

FIG. 3





RIB FOR VARIOUS MODELS AS INDICATED

| Model Light Wt. | Rib | Model Medium Wt. | Rib | Model Hvy. Wt. | Rib | Model Knits | Rib |
|--------------------|------|---------------------|------|-------------------|------|----------------|------|
| 1118 | 4371 | 1118 | 4354 | 1118 | 4356 | 1118 | 4368 |
| 1118L | | 1118L | | 1118L | | 1118L | |
| 1099 | | 1099 | | 1099 | | 1099 | |

FEED FRAME 1118

GROUP 1

| | |
|-----------|--|
| 4140 | Window Plate |
| 6031-6032 | Screw - Window Plate |
| 4120 | Rib Shaft Bushing - Left |
| 4121 | Rib Shaft Bushing - Right |
| 4129 | Set Screw - Platten Bracket Pivot Stud |
| 4046 | Screw - Spring Link Lock |
| 4112 | Screw - Feed Frame Limit |
| 4113 | Nut - Feed Frame Limit Screw Lock |

GROUP 2

| | |
|------|--|
| 4113 | Nut - Skip Stitch Compensating |
| 4118 | Screw - Skip Stitch Compensating |
| 4114 | Skip Regulating Lever |
| 4116 | Spring Washer - Skip Regulating Lever Stud |
| 4115 | Stud - Skip Regulating Lever |
| 4124 | Screw - Skip Regulating Lever Stud-Lock |

GROUP 3

RIB — See Chart Top of Page

| | |
|------|---------------------------------|
| 4017 | Crank - Rib Shaft |
| 4019 | Screw - Rib Shaft Crank - Clamp |
| 4018 | Stud - Rib Shaft Crank |
| 4123 | Rib Shaft Collar - Left |
| 4124 | Screw - Rib Shaft Collar-Clamp |
| 4125 | Rib Shaft Collar - Right |
| 4124 | Screw - Rib Shaft Collar-Clamp |

GROUP 4

| | |
|-----------|--|
| 4128 | Stud - Platten Bracket Pivot |
| 4126 | Platten Bracket - Left |
| 4127 | Platten Bracket - Right |
| 4130 | Platten - Left |
| 4131 | Platten - Right |
| 4136 | Screw - Platten to Bracket - Attaching |
| 4137 | Nut - Platten to Bracket Attaching Screw |
| 4135 | Nut - Platten Bracket Limit Screw-Lock |
| 4134 | Screw - Platten Bracket Limit |
| 4132/4133 | Spring - Platten Bracket |
| 4233 | Spacer - Platten Bracket |

GROUP 5

| | |
|------|------------------|
| 4138 | Cylinder |
| 4139 | Screw - Cylinder |

IMPORTANT

For CONSEW Semi-Self Oiler Models 1118L Series use same part numbers as 1118 but add prefix "L".

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

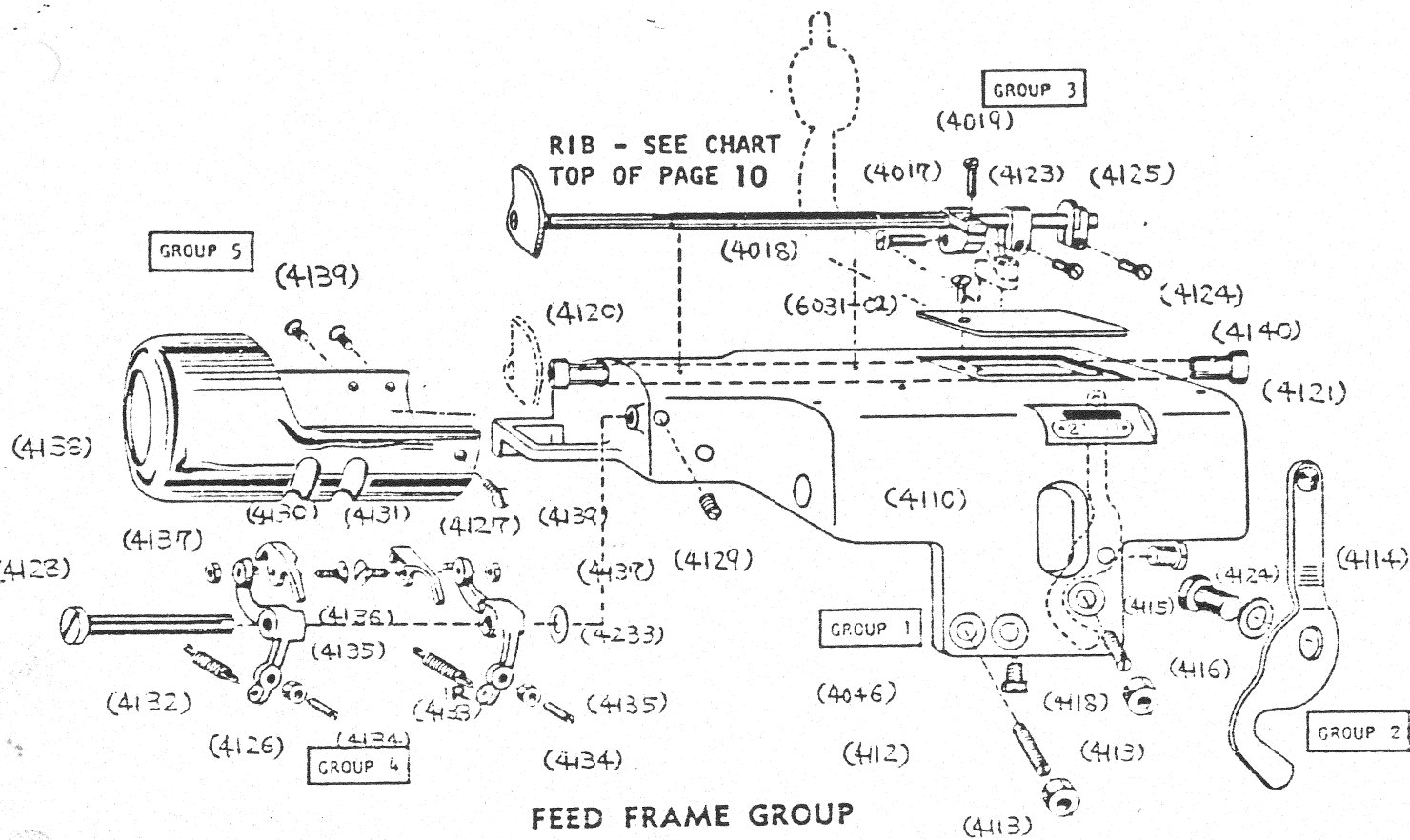
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FROM: SAC, [illegible]
SUBJECT: [illegible]

RE: [illegible]

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**FEED FRAME GROUP
1118 SERIES**

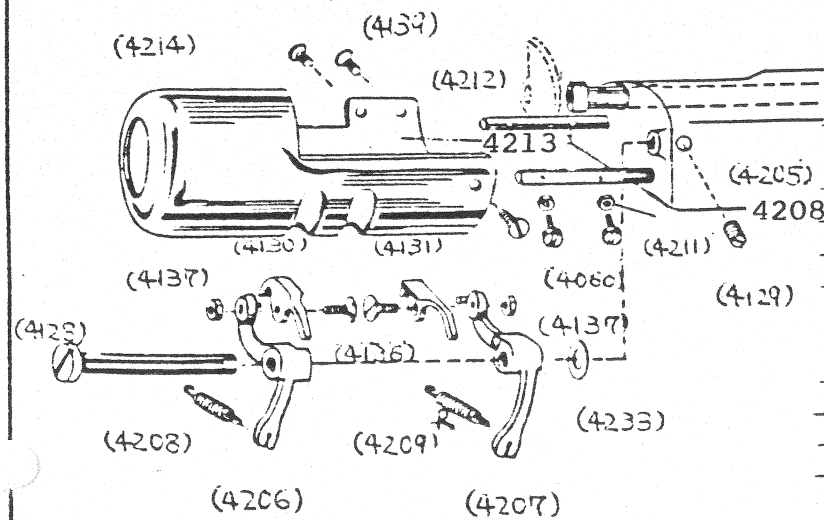
(4110) Feed Frame with (4120) and (4121)

(4205) Feed Frame (Narrow) with (4120) and (4121)

IMPORTANT

Ordinarily, machines have this narrow cylinder, but thicker cylinder No. as illustrated above is installed on order without any additional charge.

**NARROW CYLINDER MACHINES
SERIES**



| | |
|-----------|--|
| 4128 | Stud - Platten Bracket Pivot |
| 4206 | Platten Bracket - Left |
| 4207 | Platten Bracket - Right |
| 4130 | Platten - Left |
| 4131 | Platten - Right |
| 4136 | Screw Platten to Bracket |
| 4137 | Nut - Platten to Bracket Screw |
| 4208/4209 | Spring - Platten Bracket |
| 4233 | Spacer - Platten Bracket |
| 4212 | Spring Post |
| 4213 | Stop Post |
| 4060 | Screw - Platten Bracket-Limit |
| 4211 | Nut - Platten Bracket Limit-Screw Lock |
| 4214 | Cylinder |
| 4139 | Screws - Cylinder |
| 4129 | Set Screw - Platten Bracket Pivot Stud |

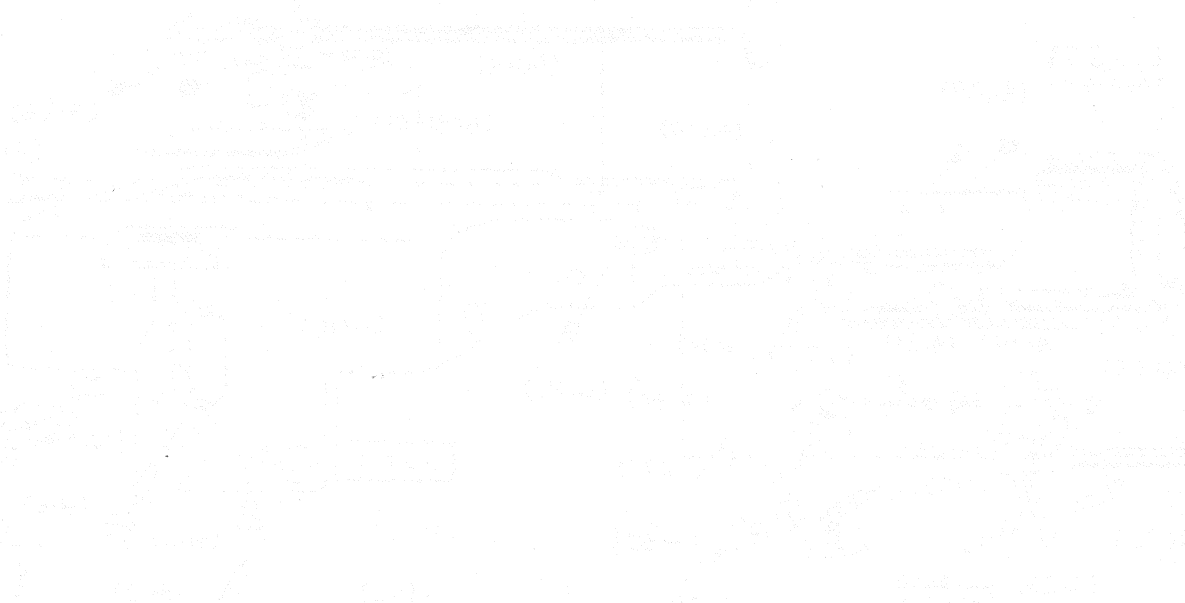
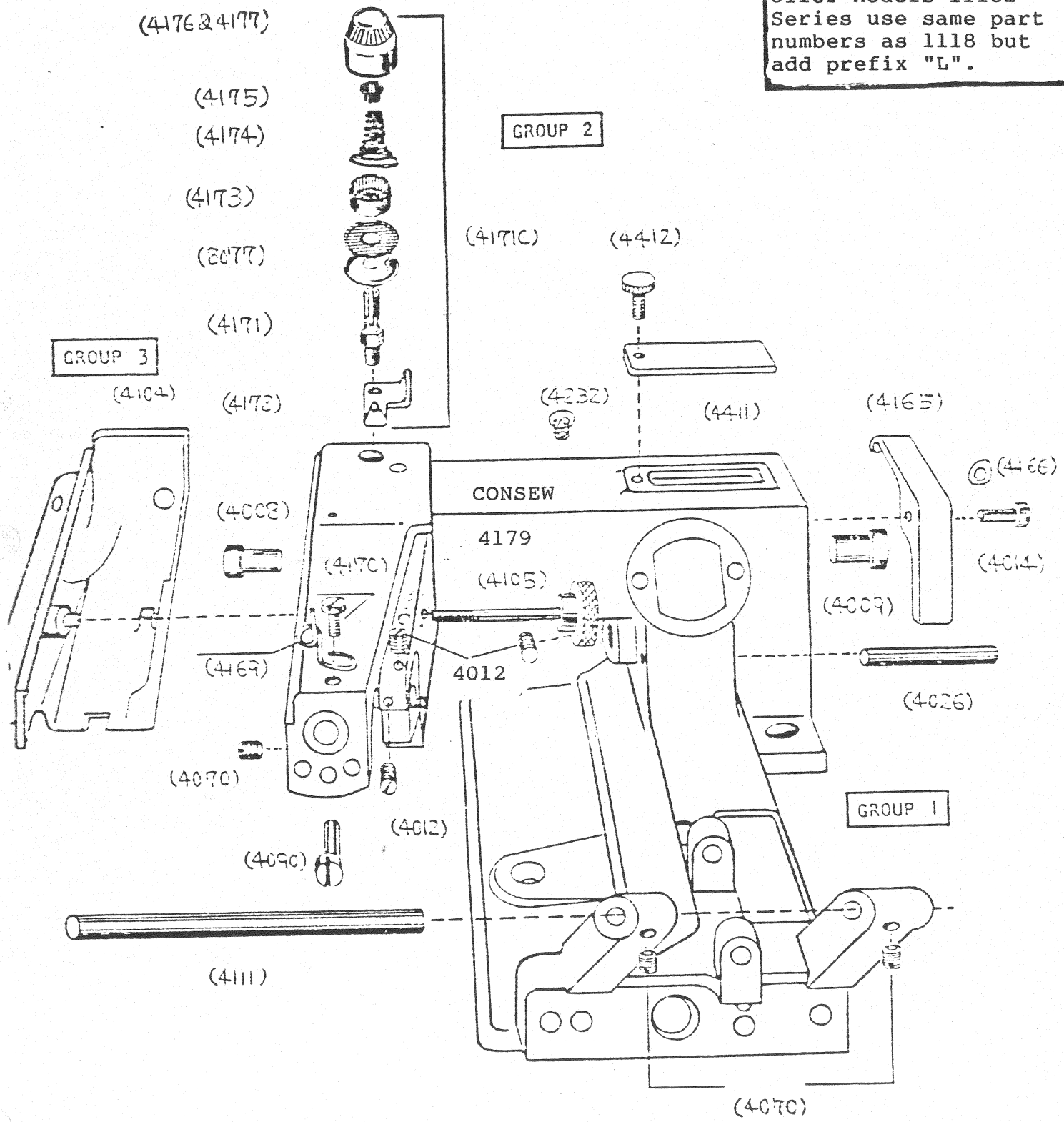


FIGURE 1
SECTIONAL VIEW

DESCRIPTION OF THE DRAWING
This drawing shows a sectional view of a mechanical component. The component consists of a cylindrical outer shell with a central bore. The bore is divided into two sections by a central longitudinal slot. The upper section of the bore is wider than the lower section. The drawing is a technical illustration, likely for a patent or engineering manual. The drawing is oriented vertically on the page.

MAIN FRAME GROUP

IMPORTANT
 For CONSEW Semi-Self Oiler Models 1118L Series use same part numbers as 1118 but add prefix "L".



- 4079 Cotter Pin (03x20)
- 4116 Washer for 4014
- 4232 Rubber Packing

1941

1942

1943

1944

1945

1946



← MAIN FRAME GROUP

MAIN SHAFT GROUP

GROUP 1

- 4111 Shaft - Feed Frame Rocker
- 4070 Set Screw - Feed Frame Shaft
- 4026 Pin - Regulating Fork-Pivot
- 4009 Main Shaft Bushing - Right
- 4008 Main Shaft Bushing - Left
- 4165 Belt Guard
- 4014 Set Screw - Belt Guard
- 4411 Cover Plate
- 4412 Screw - Cover Plate
- 4090 Eccentric Pin
- 4070 Screw - Eccentric Pin Set
- 4012 Screw - Eccentric Block

GROUP 2

- 417C Tension Assembly, Complete
- 4178 Thread Guide
- 4171 Tension Post
- 8077 Tension Discs
- 4173 Cover
- 4174 Spring
- 4175 Ratchet
- 4176/4177 Nut
- 4169 Front Thread Guide
- 4170 Screw - Front Thread Guide

GROUP 3

- 4104 Side Cover
- 4105 Screw - Side Cover

GROUP 4

FITTED-LAPPED COMPLETE

GROUP 1

- 4015 Main Shaft 4007 (1118L), 4405 (1118)
- 4012 Gear - Skip Stitch Drive (4020C)
- Screw - Skip Stitch Drive Gear Set

4260C

- 4016 Group 2, Fitted & Lapped 1118
- 4124 Rib Connection Lever
- 4260 Screw - Rib Connecting Lever Clamp
- 4014 Rib Connection Eccentric
- Screw - Rib Lever Eccentric

4010

- 4011 Handwheel
- 4012 Screw - Handwheel Set (Cone Point)
- Screw - Handwheel Set

4250S

- 4250 Group 4, Fitted and Lapped
- 4250 Needle and Feed Eccentric
- 4129 Set Screw - (Cone Point) Feed Eccentric
- 4056 Screw - (Flat) Eccentric Set-Lock
- 4058 Needle Shaft and Feed Connection
- 4057 Eccentric Ball Stud
- Screw - Needle Connection

4059

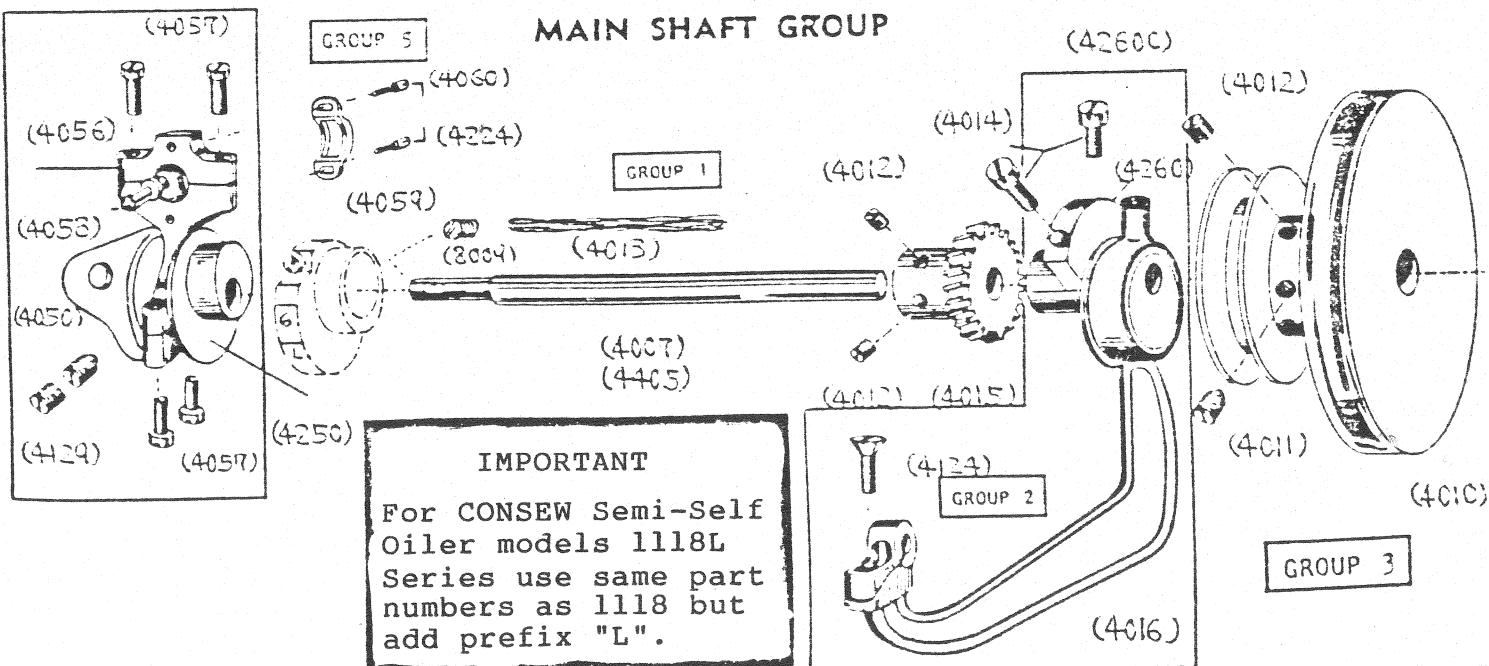
- 4060/4224 Eccentric Bail Guard
- Screw - Eccentric Bail Guard

4013

Wick - Main Shaft

8009

Screw - Main Shaft - Wick



IMPORTANT
 For CONSEW Semi-Self Oiler models 1118L Series use same part numbers as 1118 but add prefix "L".



FRONT PLATE FOR INFANTS WEAR

4335A

4159

4335

FOR ALL MODELS 1118-1118L ~~except 1118-9/9E~~

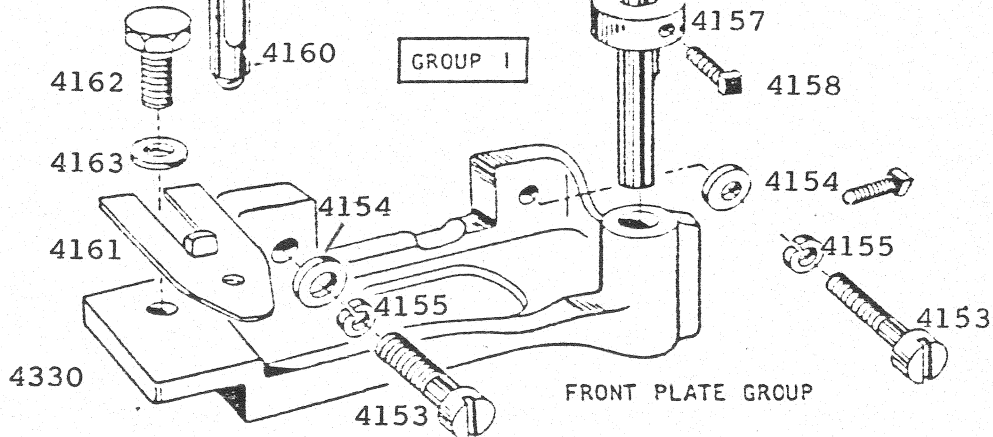
THESE BRACKET PARTS FOR ALL SWING PLATES

COMPLETE PLATE AND BRACKET ASSEMBLY

FOR ALL 1118 Models

Use No. 4335C

GROUP 1



FRONT PLATE GROUP

STATIONARY PLATE

(4337)

FOR 1118-9/1118L-9/1099-9

(4390)

(4391)
(4392)

(4391)
(4392)

GROUP 2

COMPLETE PLATE AND BRACKET ASSEMBLY

For 1118-9 & 1118L-9 Models Use No. L4337C

(4388)

(4387)

(4394)

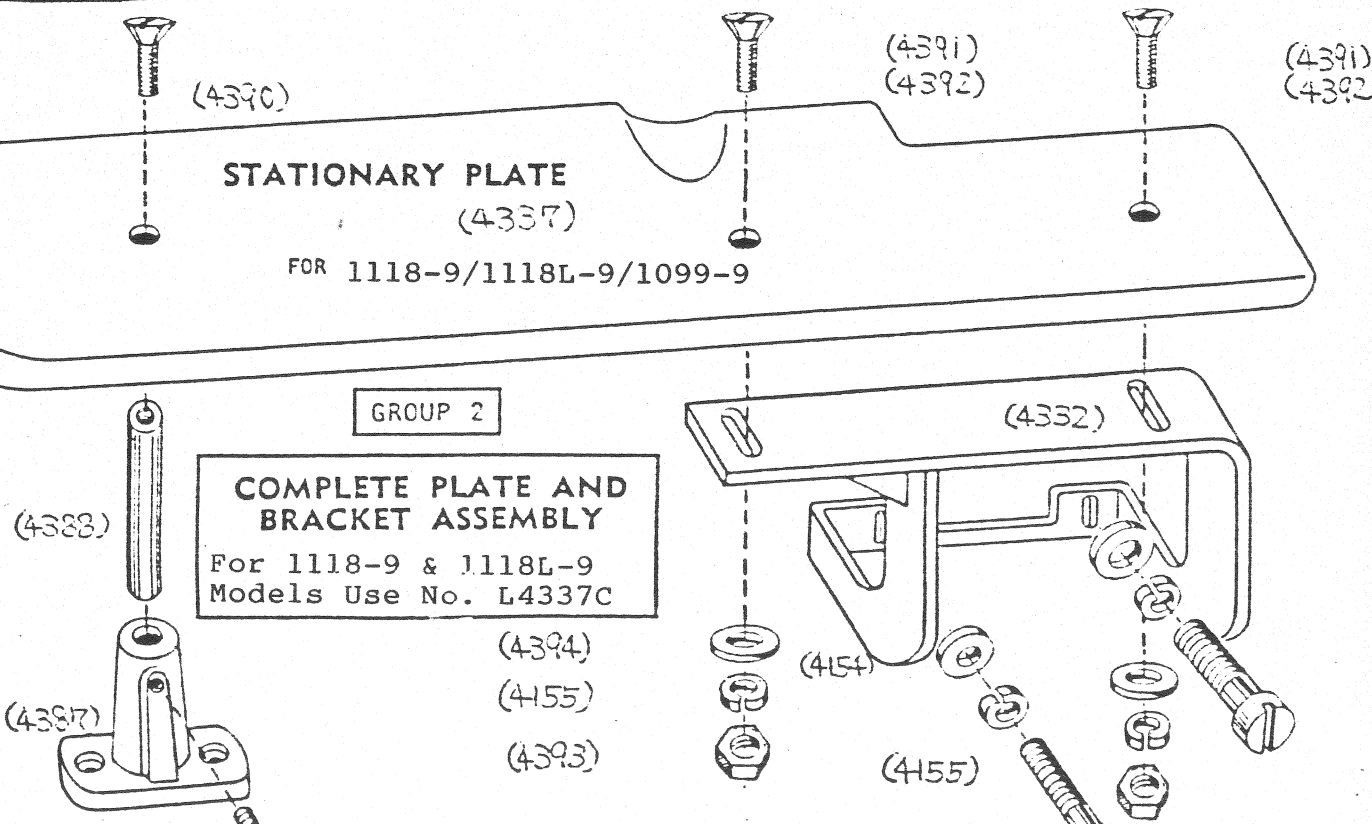
(4155)

(4393)

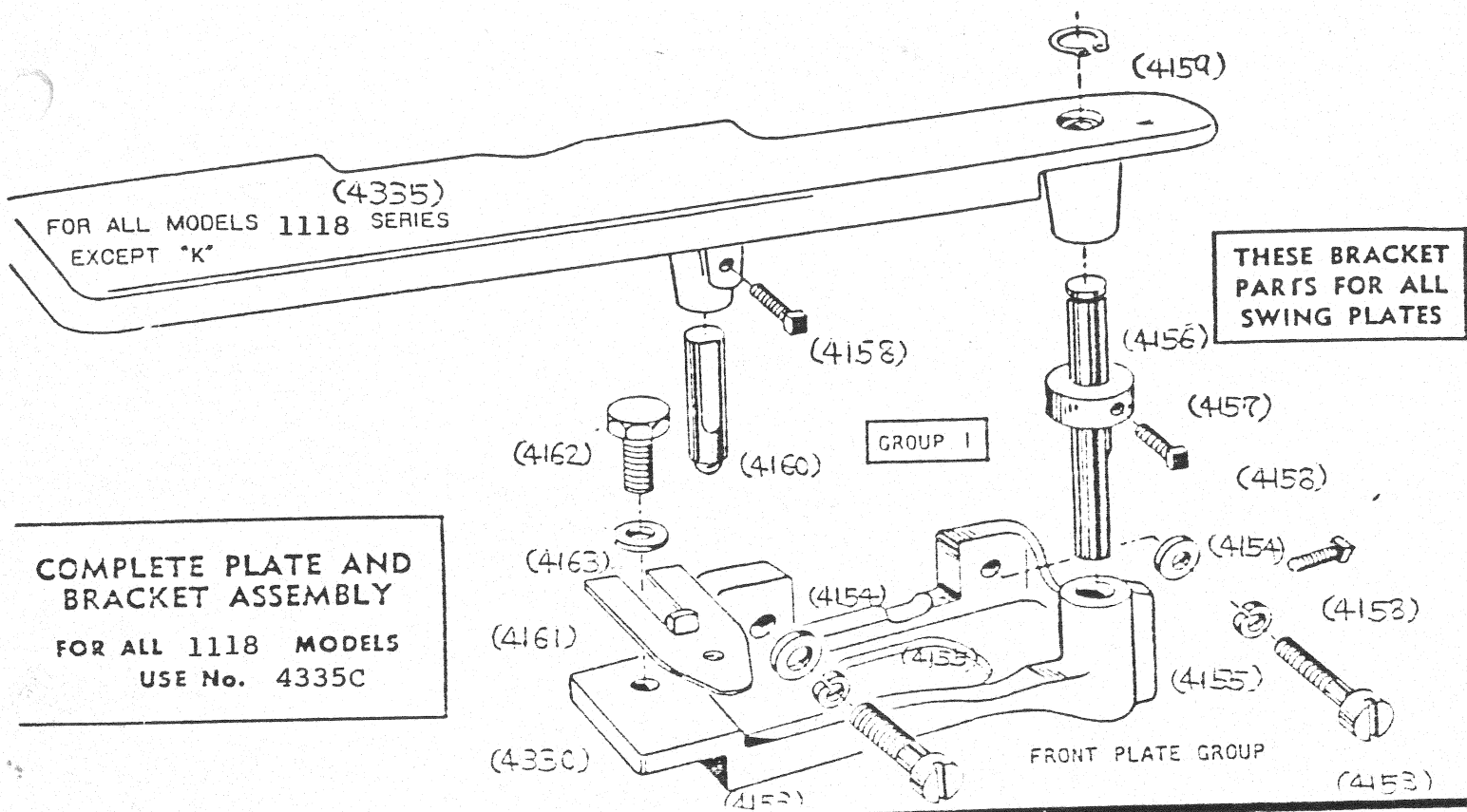
(4332)

(4154)

(4155)







FRONT PLATE GROUP AND SUPPORT BRACKETS

GROUP 1

| | | |
|-------|--|------------|
| 4335C | Complete Plate and Bracket Assembly | 1118/1118L |
| 4335C | Complete Plate and Bracket Assembly | 1118L |
| 4335 | Swing Plate | 1118/1118L |
| 4335 | Swing Plate | 1118L |
| 4160 | Support Shaft Assembly | |
| 4158 | Screw - Pivot Pin-Lock | |
| 4330 | Bracket - Swing Plate-Support | |
| 4162 | Screw - Stop Plate | |
| 4163 | Washer - Stop Plate Screw | |
| 4161 | Stop Plate | |
| 4154 | Washers (Flat) - Swing Plate Support Bracket Screw | |
| 4155 | Washers (Lock) - Swing Plate Support Bracket Screw | |
| 4153 | Screw - Swing Plate Support Bracket | |
| 4154 | Washer (Flat) - Swing Plate Support Bracket Screw | |
| 4155 | Washer (Lock) - Swing Plate Support Bracket Screw | |
| 4153 | Screw - Swing Plate Support Bracket | |
| 4156 | Pin - Swing Plate Pivot | |
| 4159 | Retaining Ring - Swing Plate Pivot Pin | |
| 4157 | Collar - Swing Plate Pivot Pin | |
| 4158 | Set Screw - Swing Plate Pivot Pin Collar | |
| 4158 | Screw - Swing Plate Pivot Pin Lock | |

1948
1949
1950



THE UNITED STATES
DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

UNITED STATES DEPARTMENT OF AGRICULTURE

1. The following table shows the percentage of the total population of the United States which is engaged in agriculture, as of 1948, 1949, and 1950.

| Year | Percentage of Total Population |
|------|--------------------------------|
| 1948 | 40 |
| 1949 | 60 |
| 1950 | 80 |

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| Year | Percentage of Total Population |
|------|--------------------------------|
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| 1949 | 60 |
| 1950 | 80 |

FRONT PLATE GROUP AND SUPPORT BRACKETS

(Except Models 1118-9/9E, 1118L-9/9E and
1099-9/9E)

GROUP 1

- { Complete Plate and Bracket Assembly (1118/1118L/1099)
- { Complete Plate and Bracket Assembly 1118L
- 4335 { Swing Plate (1118/1099
- { Swing Plate 1118L
- 4335A Swing Plate For Infants Wear
- 4160 Support Shaft Assembly
- 4158 Screw - Pivot Pin-Lock
- 4330 Bracket - Swing Plate-Support
- 4162 Screw - Stop Plate
- 4163 Washer - Stop Plate Screw
- 4161 Stop Plate
- 4154 Washers (Flat) - Swing Plate Support Bracket Screw
- 4155 Washers (Lock) - Swing Plate Support Bracket Screw
- 4153 Screw - Swing Plate Support Bracket
- 4154 Washer (Flat) - Swing Plate Support Bracket Screw
- 4155 Washer (Lock) - Swing Plate Support Bracket Screw
- 4153 Screw - Swing Plate Support Bracket
- 4156 Pin - Swing Plate Pivot
- 4159 Retaining Ring - Swing Plate Pivot Pin
- 4157 Collar - Swing Plate Pivot Pin
- 4158 Set Screw - Swing Plate Pivot Pin Collar
- 4158 Screw - Swing Plate Pivot Pin-Lock

GROUP 2 Models 1118-9/1118L-9/1099-9

-
- 4337C Complete Plate and Bracket Assembly (1118-9/1118L-9)
 - 4337 Stationary Plate (1118-9/1118L-9 and 1099-9)
 - 4332 Bracket Stationary Plate
 - 4391 or 4392 Screw - Stationary Plate to Bracket
 - 4394 Washer (Flat) - Plate Screw
 - 4155 Washer (Lock) - Plate Screw
 - 4393 Nut - Plate Screw
 - 4154 Washer (Flat) - Bracket Support
 - 4155 Washer (Lock) - Bracket Support
 - 4153 Screw - Bracket Support
 - 4387 Support - Stationary Plate
 - 4388 Extension Support, Adjustable
 - 4389 Screw - Extension Support, Lock
 - 4390 Screw - Plate to Support

1945

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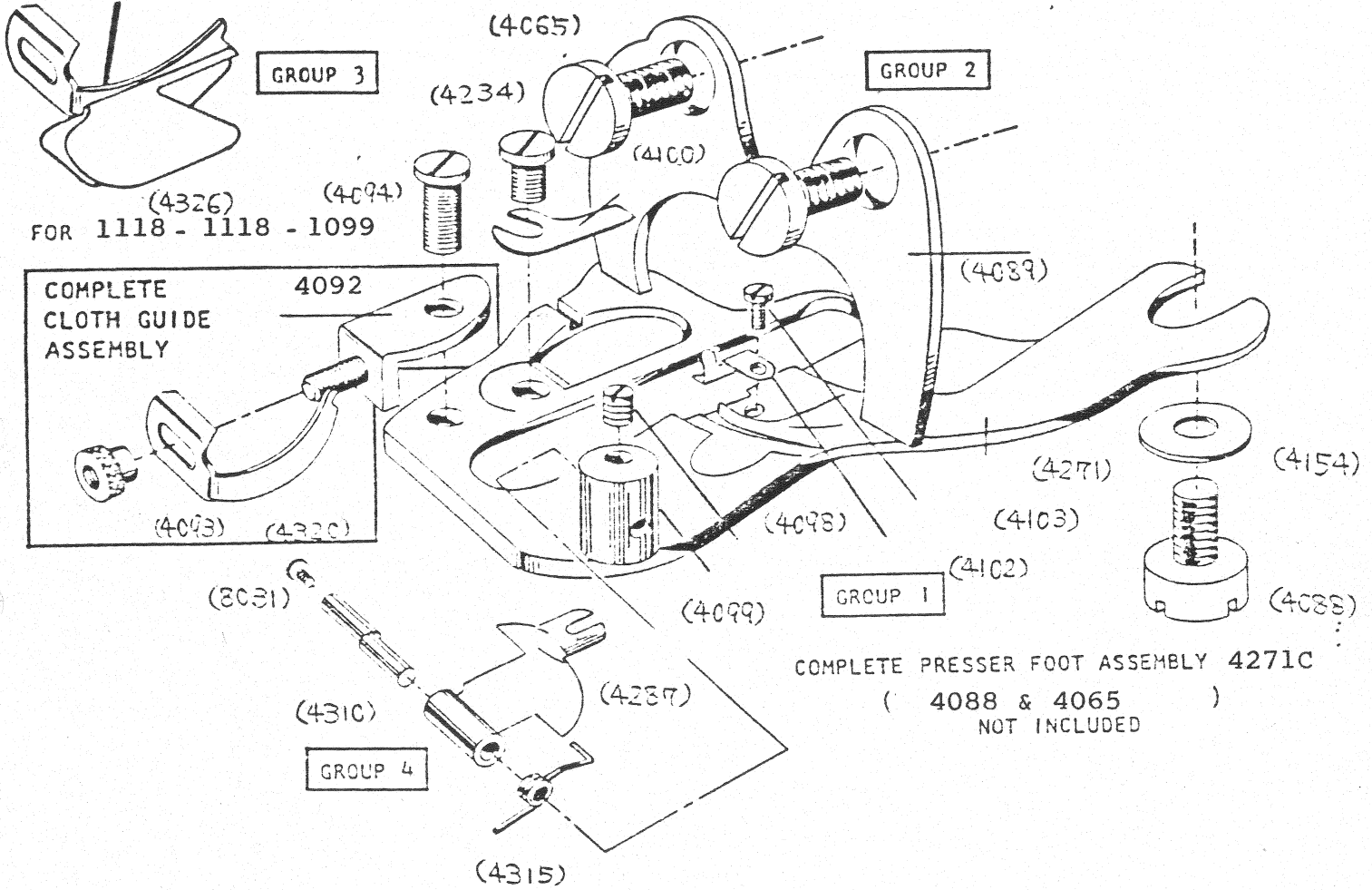
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SPECIAL GUIDE AND GAUGE WHERE NECESSARY FOR MATERIAL THAT IS HARD TO KEEP UNCURLD, SUCH AS NYLON TRICOT.

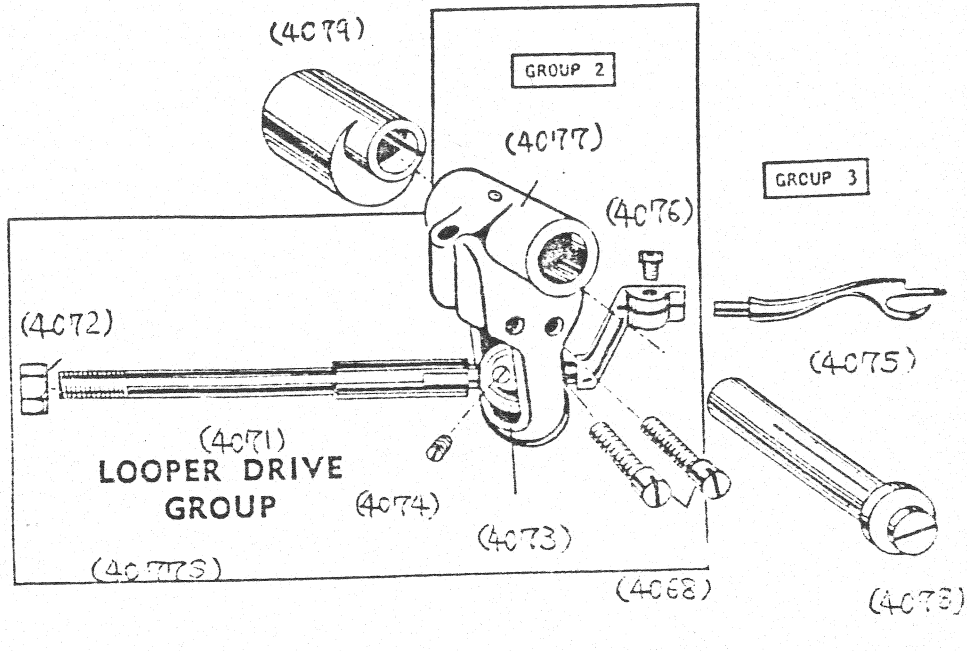
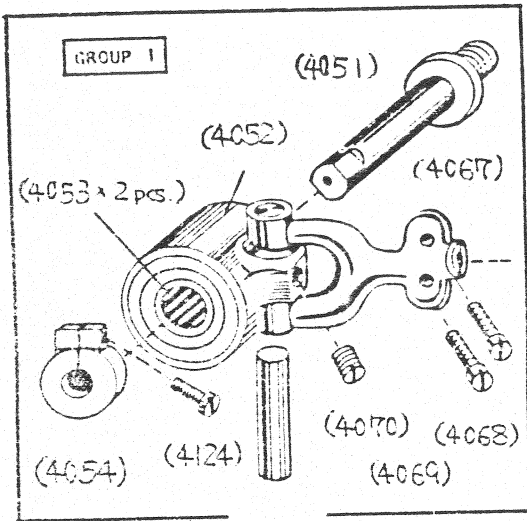
PRESSERFOOT GROUP



| Model | Presser Foot Complete | (Presser Foot) | (Presser Foot Shoe) | Stitch Regulating Collar | Cloth Guide | Rib |
|-------|-----------------------|----------------|---------------------|--------------------------|-------------|-------------|
| M | 44C (4271C) | (2301 (4271)) | (2501 (4287)) | 1091 (4257) | 2600 (4320) | 6010 (4354) |
| L | 44A (4270C) | (2303 (4270)) | (2503 (4285)) | 1091 (4257) | 2600 (4320) | 6036 (4371) |
| H | 44C (4271C) | (2301 (4271)) | (2501 (4287)) | 1092 (4258) | 2600 (4320) | 6032 (4368) |
| K | 44C (4271C) | (2301 (4271)) | (2501 (4287)) | 1092 (4258) | 2606 (4324) | 6032 (4368) |



LOOPER ROD FORK SLEEVE ASSEMBLY — 4052S



GROUP 1

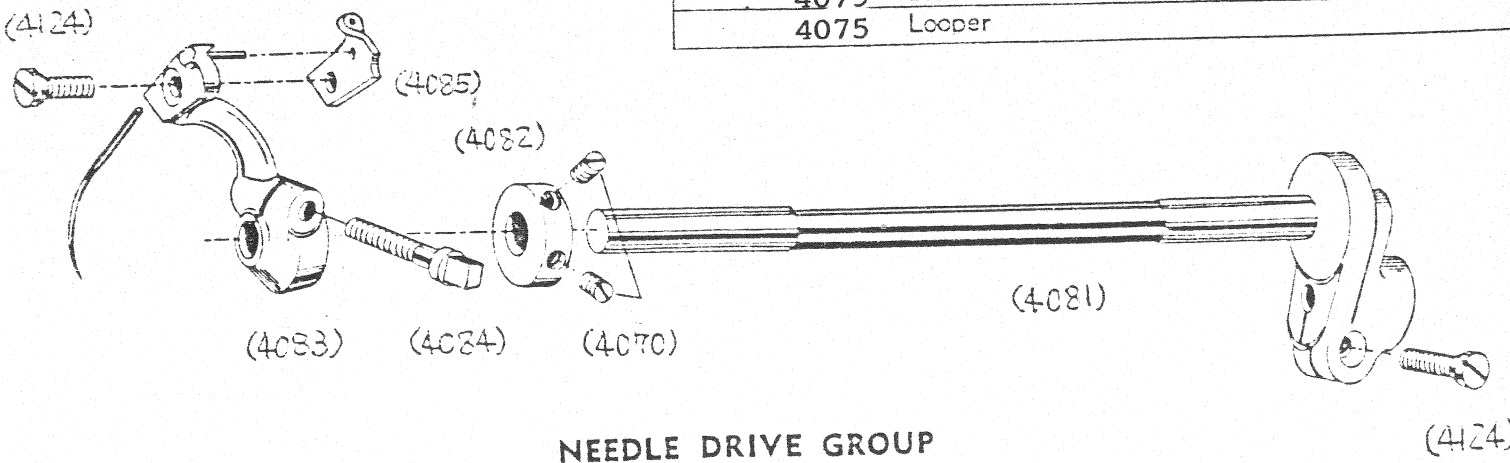
| | |
|-------|--------------------------------------|
| 4052S | Looper Rod Fork and Sleeve Assembly |
| 4067 | Looper Rod Fork |
| 4052 | Looper Rod Sleeve |
| 4069 | Pin - Fork and Sleeve |
| 4070 | Set Screw - Fork and Sleeve Pin |
| 4051 | Stud - Looper Rod Sleeve |
| 4054 | Collar - Sleeve Stud |
| 4124 | Screw - Stud Collar |
| 4068 | Screw - Looper Rod Fork-Clamp |
| 4053 | Bearing (2 pcs.) - Looper Rod Sleeve |

GROUP 2

| | |
|-------|--|
| 4077S | Looper Rod and Carrier Complete (1118) |
| 4077 | Looper Rod Carrier |
| 4073 | Looper Rod Ball |
| 4074 | Set Screw - Looper Rod Ball |
| 4071 | Looper Rod |
| 4072 | Nut - Looper Rod-Lock |
| 4076 | Screw - Looper Clamp |
| | Screw - Looper Rod Carrier-Clamp |
| 4068 | |

GROUP 3

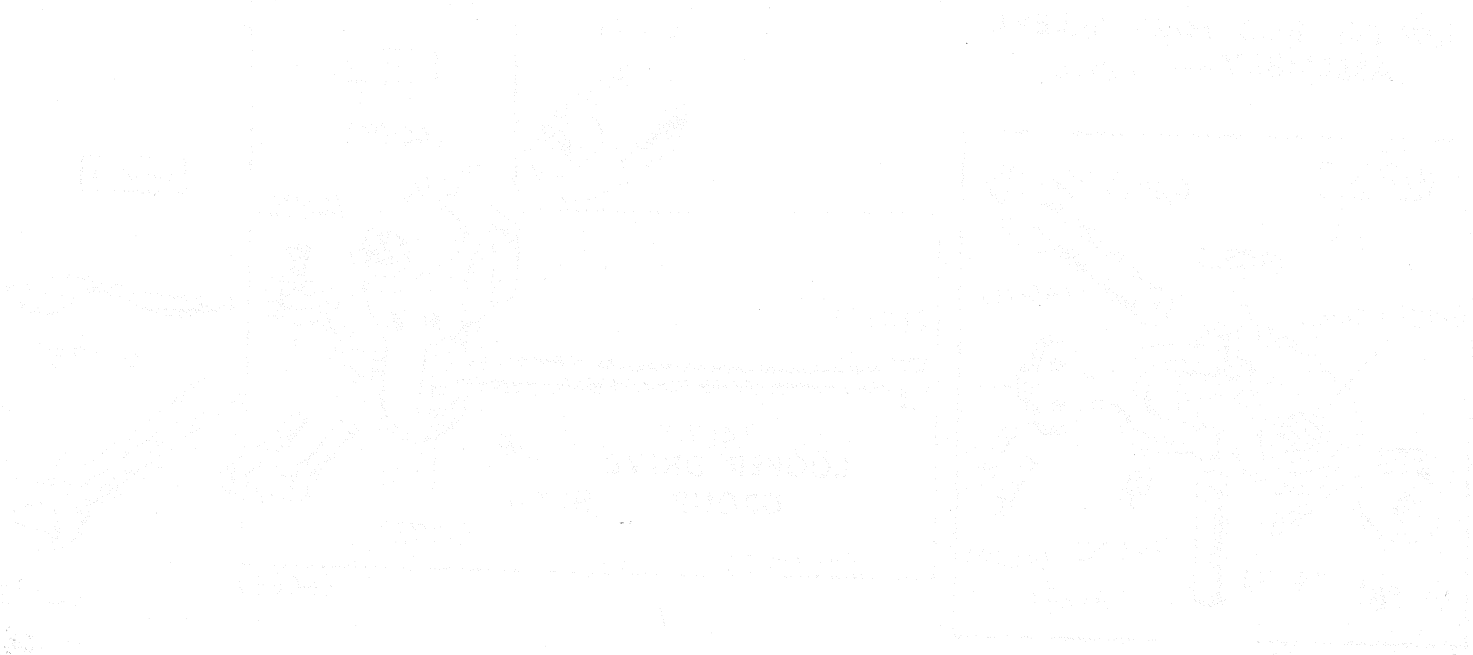
| | |
|------|---------------------------|
| 4078 | Stud - Looper Rod Carrier |
| 4079 | Eccentric Block |
| 4075 | Looper |



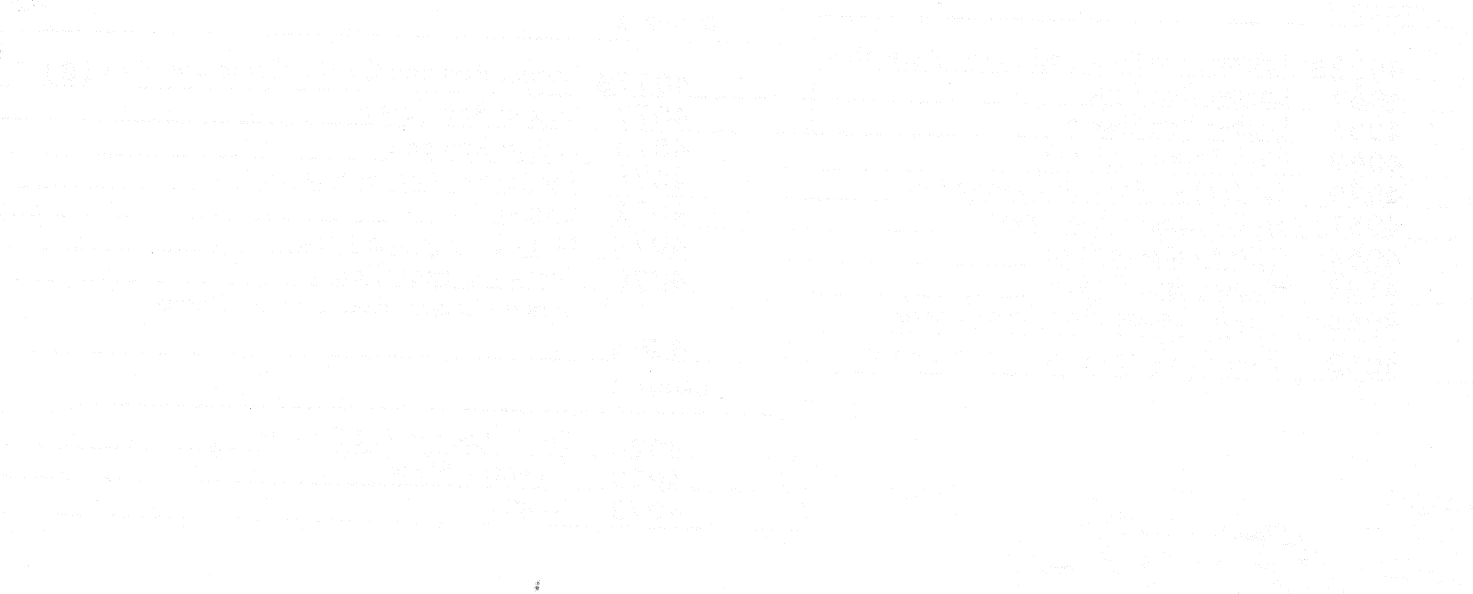
NEEDLE DRIVE GROUP

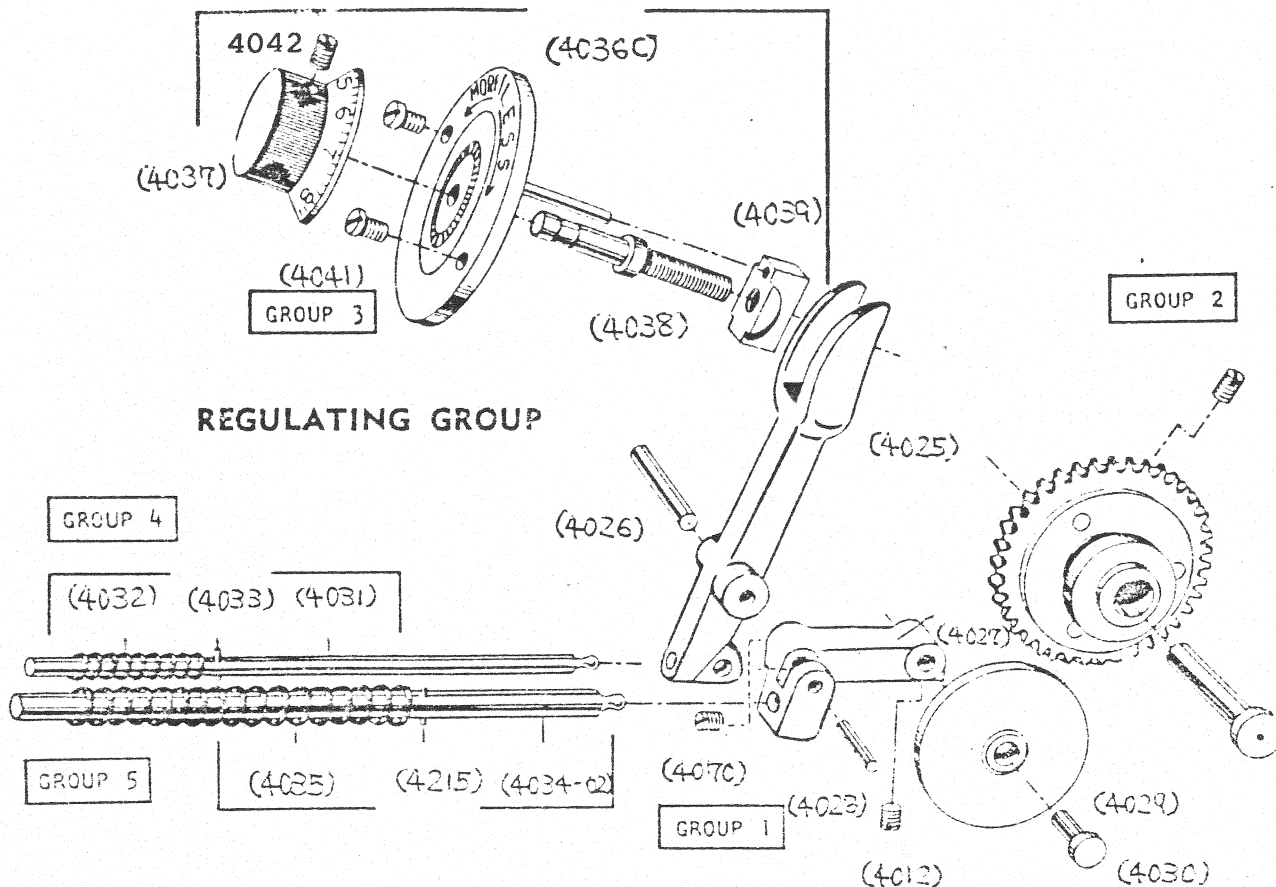
| | | | |
|------|----------------------------|------|---------------------------------|
| 4083 | Needle Lever | 4081 | Needle Shaft |
| 4084 | Screw - Needle Lever Clamp | 4124 | Screw - Eccentric Ball Clamp |
| 4085 | Needle Clamp | 4052 | Collar - Needle Shaft |
| 4124 | Screw - Needle Clamp | 4070 | Set Screw - Needle Shaft Collar |

1951-1952



1951-1952





REGULATING GROUP

GROUP 1

- 4027 Support Arm - Cam Roller - (1118)
- 4025 Regulating Fork
- 4026 Pin - Regulating Fork-Pivot
- 4028 Pin - Roller Support Arm-Pivot
- 4070 Screw - Roller Support Arm Pivot Pin-Set
- 4029 Cam Roller
- 4030 Pin - Cam Roller Support
- 4012 Screw - Cam Roller Support Pin-Set

GROUP 2

- 4020C Skip Eccentric Gear Assembly (1118)
- 4023 Pin - Skip Eccentric Gear
- 4021 Screw - Skip Eccentric Gear

GROUP 3

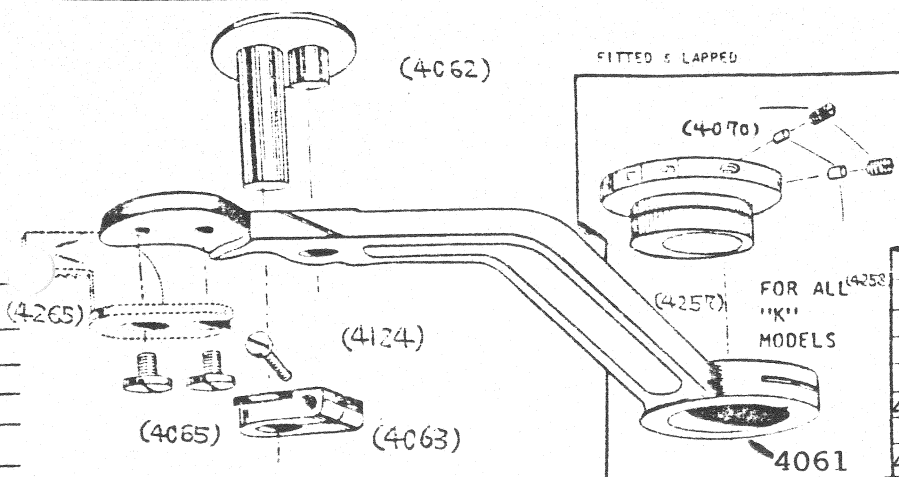
- Regulating Dial Assembly
- 4038C Regulating Dial Shoe (4039)
- 4038C Regulating Dial Screw (4038)
- 4036C Face Plate and Guide Pin Assembly
- 4041 Screw - Regulating Dial Assembly
- 4037 Dial and Ratchet Assembly
- 4042 Screw - Dial and Ratchet Assembly-Lock

GROUP 4

- Push Rod Assembly
- 4031 Push Rod (1/4")
- 4033 Cotter Pin
- 4032 Spring - Push Rod (1/4")

GROUP 5

- Push Rod Assembly
- 4034-02 Push Rod (3/8")
- 4215 Cotter Pin
- 4035 Spring - Push Rod (3/8")



FEED DRIVE GROUP

- 4061 Feed Lever
- 4257 Stitch Regulating Collar
- 4258 Stitch Regulating Collar For all "K"
- 4070 Screw-Stitch Regulating Collar-Clamp
- 4062 Rocker Pin Assembly
- 4063 Collar - Rocker Pin
- 4124 Screw - Rocker Pin Collar - Clamp
- 4265 Feed Dog
- 4265-1 Feed Dog Fine, 20 Teeth to Inch
- 4065 Screw - Feed Dog
- 4257-4061 Fitted & Lapped



GROUP 1

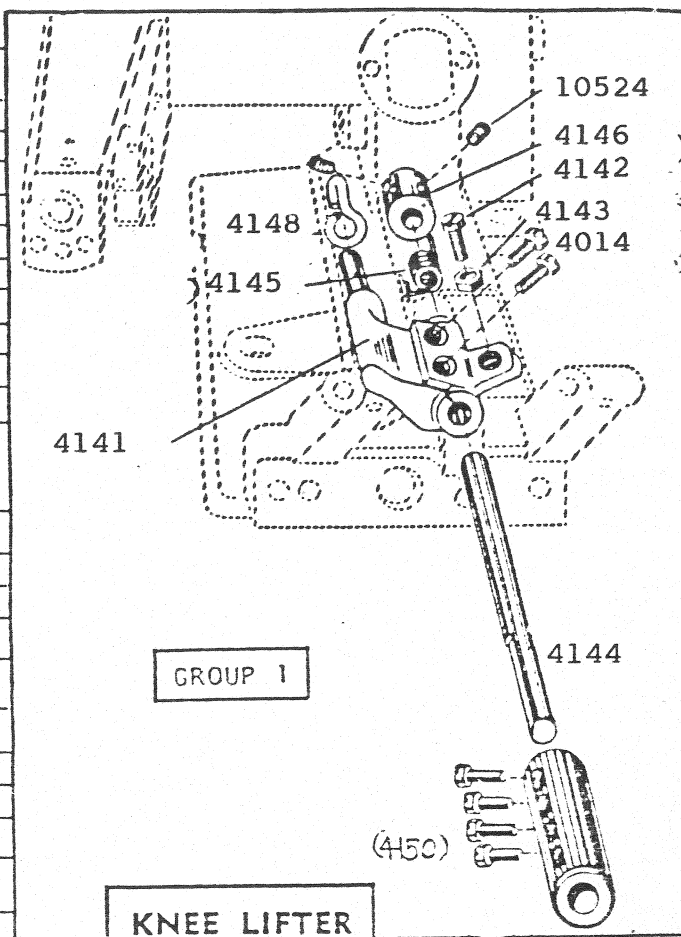
- 4144 Knee Lifter Rod Shaft
- 4141 Lift Arm
- 4014 Screw - Lift Arm Clamp
- 4143 Nut - Lift Arm Adjusting Screw-Lock
- 4142 Screw - Lift Arm Adjustment
- 4145 Spring - Knee Lifter Rod-Return
- 4146 Collar - Knee Lifter Rod
- 10524 Set Screw - Knee Lifter Rod Collar
- 4148 Feed Frame "S" Hook
- 4149 Knee Lifter Rod Sleeve
- 4150 Knee Lifter Rod Sleeve Screws

GROUP 2

- 4190 Knee Lifter Rod
- 4191 Knee Pad
- 4192 Knee Pad Screw
- 4193 Rubber - Knee Pad

GROUP 3

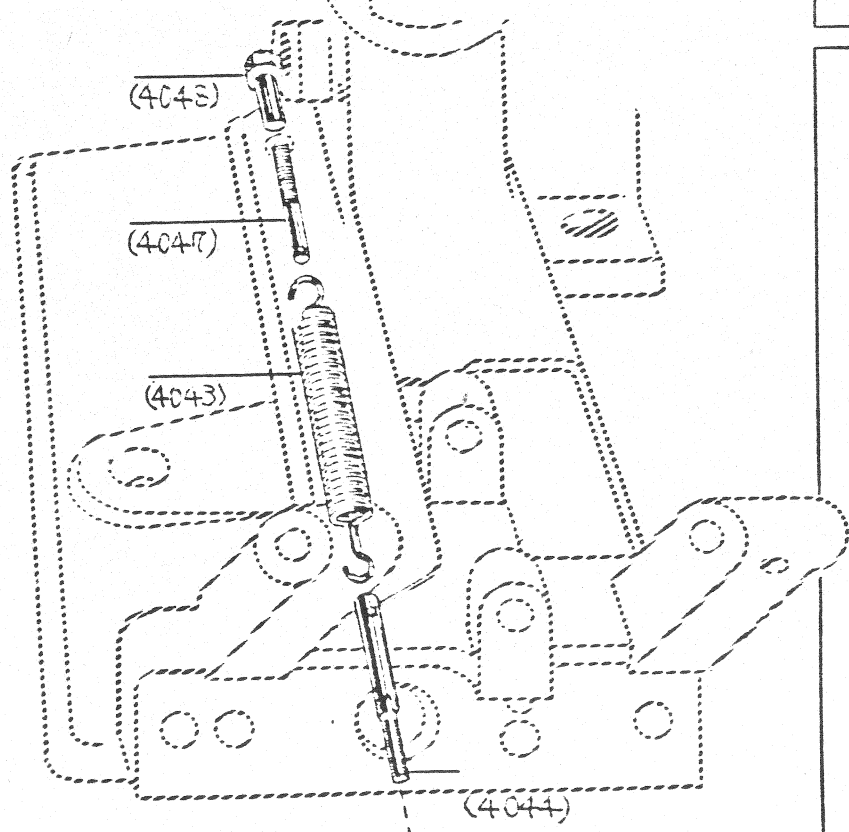
- 4044 Spring Link Assembly
- 4043 Main Spring
- 4047 Screw - Main Spring Link
- 4048 Nut - Main Spring Adjusting
- 4113 Nut - Spring Link Assembly-Retaining



GROUP 1

KNEE LIFTER GROUP

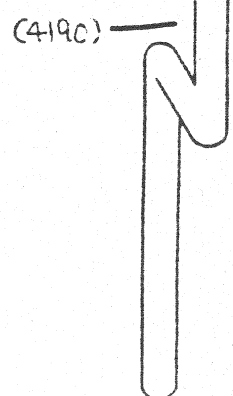
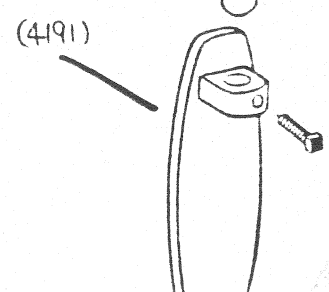
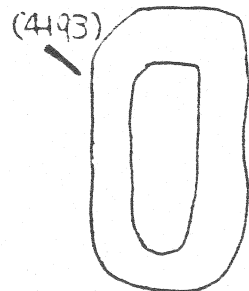
GROUP 2



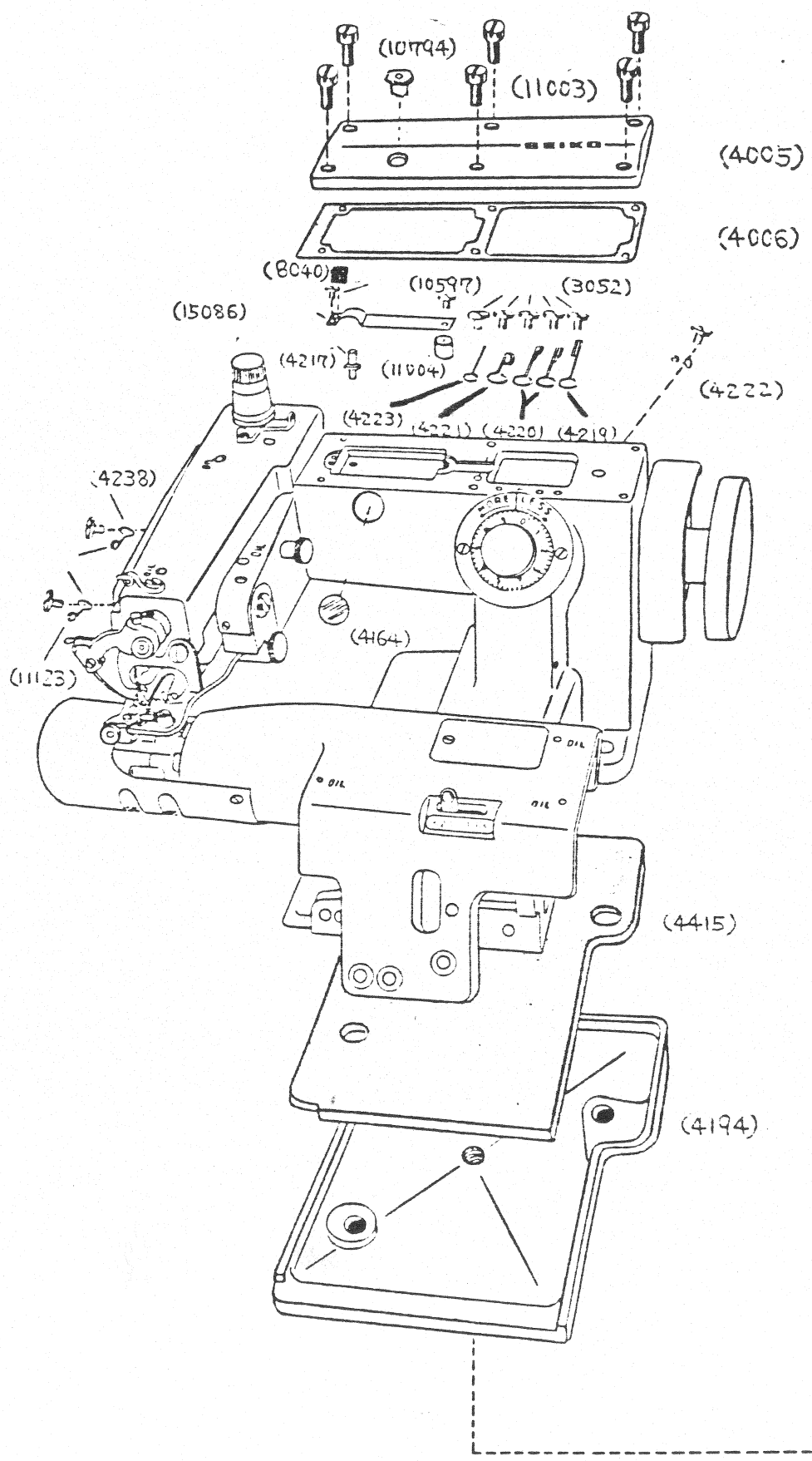
GROUP 3

SPRING LINK GROUP

FEED FRAME



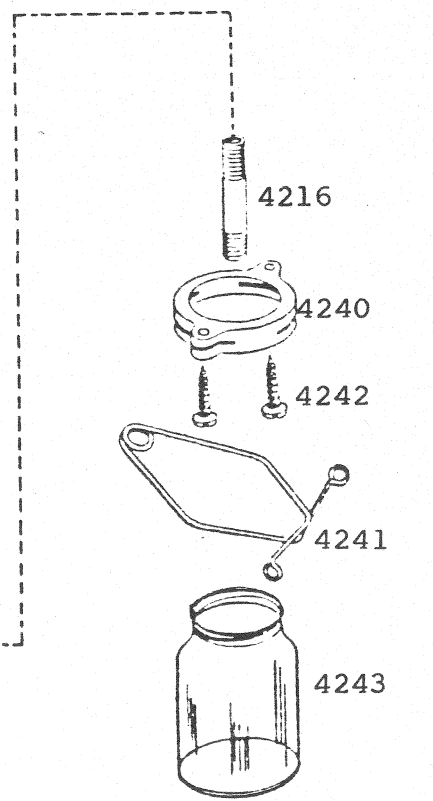




CONSEW
SEMI-SELF-OILER
MODELS
1118L
SERIES

IMPORTANT

For CONSEW Semi-Self Oiler Models 1118L Series. Use same part numbers as with 1118 models but add prefix "L".



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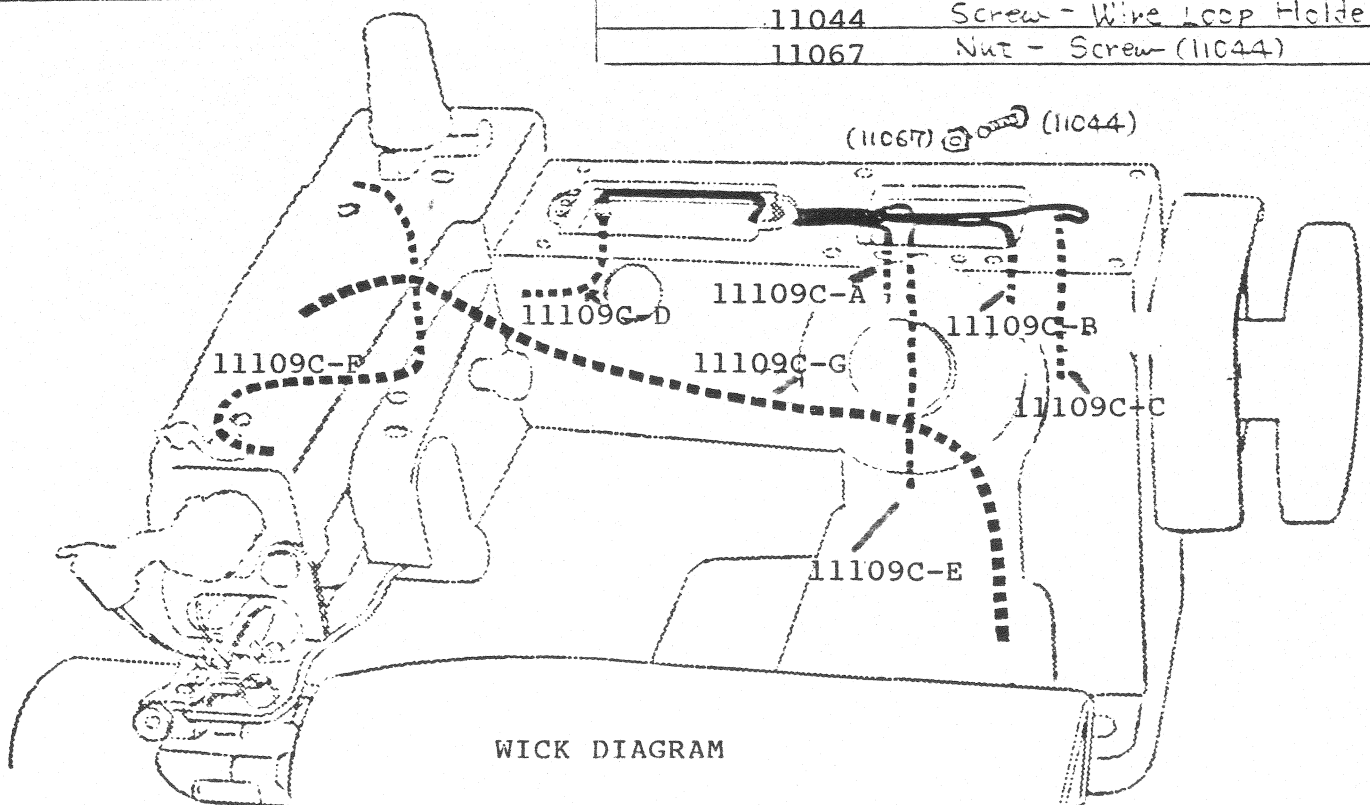
IMPORTANT - For CONSEW Semi-Self-Oiler Models - 1118L SERIES

Use same part numbers as with 1118 models, but add prefix "L".

Example: Needleshaft (1118 Models) Part No. 4081
Needleshaft(1118L Models) Part No. L-4081

**PARTS LISTED BELOW ARE USED EXCLUSIVELY
ON CONSEW SEMI-SELF-OILERS 1118L MODELS).**

| | | | | |
|----------|------------------------------|------------|--------------------------------------|----------|
| 4515 | Felt Pad - Base | 4219 | Wire Loop Holder - Wick | 11109C-B |
| 4194 | Base - Machine | 11109C-B | Wick - Rib Connection Lever | |
| 4216 | Nipple - Base | 4220 | Wire Loop Holder - Wick | 11109C-E |
| 4240 | Holder - Oil Bottle | 11109C-E | Wick - Skip Eccentric Gear | |
| 4242 | Screws - Holder | 4221 | Wire Loop Holder - Wick | 11109C-A |
| 4241 | Spring Clamp - Bottle Holder | 11109C-A | Wick - Skip Stitch Gear Drive | |
| 4243 | Oil Bottle | 4223 | Wire Holder - Wicks | |
| 4005 | Cover - Main Frame | 3052 | Screws - Wire Loop Holders | |
| 4006 | Gasket - Cover | 4217 | Nipple - Wick | |
| 11003 | Screws - Cover | 11109C-D | Wick - Main Shaft | |
| 15086 | Oil Vibrator | 4238/11123 | Wire Loop Holder - Wick | 11109C-F |
| 11004 | Spring - Oil Vibrator | 11109C-F | Wick - Looper Rod Carrier | |
| 10597 | Screw - Oil Vibrator | 4164 | Glass - Oil Gauge | |
| 8040 | Screws - Splasher | 4222 | Wire Loop Holder - Wick | 11109C-G |
| 11109C-C | Wire Loop Holder - Wick | 11109C-G | Wick - Drain From Side Cover To Base | |
| 11109C-C | Wick - Bushing | 10794 | Oil Cup (3/8") | |
| | | 11044 | Screw - Wire Loop Holder | |
| | | 11067 | Nut - Screw (11044) | |



WICK DIAGRAM

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

LABORATORY OF ORGANIC CHEMISTRY

CHICAGO, ILLINOIS

REPORT OF RESEARCH

BY

DR. ROBERT M. WAYNE
AND
DR. ROBERT H. WOODWARD

RESEARCH ON THE CHEMISTRY OF
THE CARBON-14 ISOTOPE

1950-1951

CHICAGO, ILLINOIS
1951

STANDARD SIZE NEEDLES

| | |
|-----|------------------------------------|
| #10 | Fine knit rayon |
| #15 | Fine knit wear |
| #20 | Fine knit jersey |
| #25 | Dresses and light fabrics |
| #30 | For sportswear |
| #35 | For heavy, hard material and coats |
| #40 | For extra hard material |

Also available — #1 - #1½
 Needle size numbers: #2 - #2½ - #3 -
 #3½ - #4 - #4½

VERY IMPORTANT

USE ONLY GENUINE CONSEW
 NEEDLES. ACCEPT NO OTHERS.

ACCESSORY GROUP

| DESCRIPTION | PART No. |
|---|----------------|
| Bolt — Machine Mounting..... | 4195 |
| Wing Nut — Machine Mounting Bolt Attaching..... | 4197 |
| Washer — Machine Mounting Bolt (1 3/8" O.D.)..... | 4196 |
| Washer — Machine Mounting Bolt (1" O.D.)..... | 4196 |
| Felt Pad — Machine Mounting..... | 4415 |
| Rubber Pad — Knee Lifter..... | 4193 |
| Cotton Stand — Base and Spool Post Assembly..... | 4198C |
| Thread Post | 4200 |
| Wood Screw — Cotton Stand Attaching..... | 6052 |
| Oil Can | 8125 |
| Screwdriver | 8120/8121/8118 |
| Spinner (9 x 8) | 4202 |
| Needle System | 251LG |

