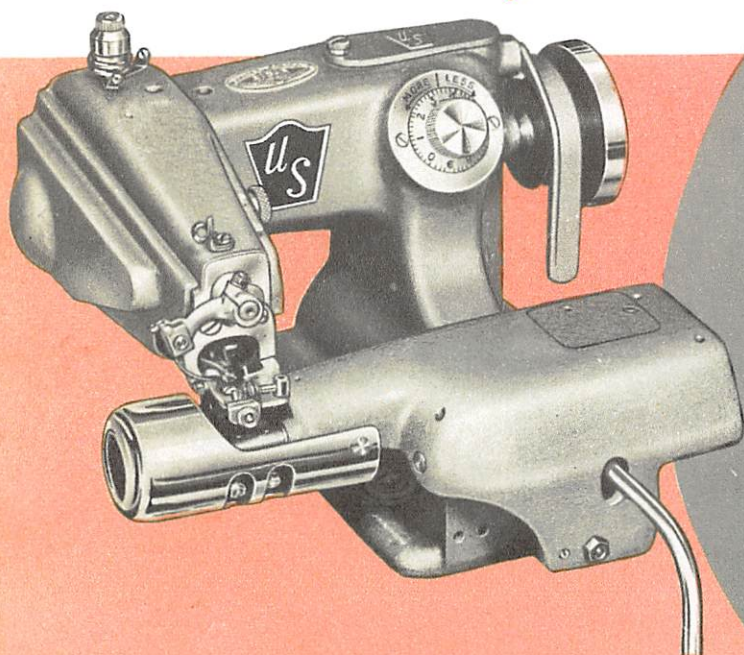


U. S. BLIND STITCH MACHINE CORP.

Express Street & Skyline Drive, Plainview, New York 11803

Telephone: 516-433-4350

Cable: "BLINSTIT PLAINVIEW NEWYORK"



PARTS CATALOG and MAINTENANCE MANUAL for MACHINE MODEL

718

HOW TO ORDER PARTS

PURCHASE ORDER

| <u>QUANTITY</u> | <u>DESCRIPTION</u> | <u>PRICE</u> | <u>AMOUNT</u> |
|-----------------|--|--------------|---------------|
| | <u>FOR U.S. MODEL 718-1 - SERIAL NO. xxxxx</u> | | |
| 1 | Part No. 2100 Feed Dog | | |
| 12 | Part No. 1238 Needle Guide | | |

If parts are being ordered for several machines the Purchase Order should be prepared in a similar fashion to the following example:

| | | | |
|----|--|--|--|
| | <u>FOR U.S. MODEL 718-1 - SERIAL NO. xxxxx</u> | | |
| 1 | Part No. 2100 Feed Dog | | |
| 12 | Part No. 1238 Needle Guide | | |
| | <u>FOR U.S. MODEL 718-1 - SERIAL NO. yyyyy</u> | | |
| 1 | Part No. 1046 Handwheel | | |
| 2 | Part No. 1119 Screws - Feed Dog Attaching | | |
| | <u>FOR U.S. MODEL 718-6 - SERIAL NO. zzzzz</u> | | |
| 1 | Part No. 2112 Feed Dog | | |

**Be SURE to Specify Model and Serial
number of machine when ordering parts!**

III - MAINTENANCE INSTRUCTIONS

INTRODUCTION

- A. Replacing the Looper
- B. Replacing the Needle Guide
- C. Replacing the Shoe
- D. Replacing the Feeder

MAINTENANCE INSTRUCTIONS

INTRODUCTION

All U.S. BLIND STITCH machines are designed for long life and trouble-free performance. When installed and lubricated in accordance with the INSTALLATION AND OPERATING INSTRUCTIONS, only the minimum maintenance normally associated with industrial sewing machines will be required. These maintenance requirements will generally be confined to the four locations described below, at which wear may be expected after extended use. When such wear does occur, the worn part may be readily replaced by following the appropriate instructions. For ease of installation, and to insure satisfactory service, it is essential that only genuine U.S. BLIND STITCH parts and needles are used. They are the only parts designed specifically for the machine, with the built-in long life and excellent wearing characteristics typical of the U.S. BLIND STITCH machine.

A. REPLACING THE LOOPER

1. Should it become necessary to replace the looper (item "B" in Figure 6), loosen the looper clamp screw (item "A" in Figure 6) and remove the old looper. Because of the precise fit of the looper in the looper rod it may be necessary to exert a moderate amount of force to pull the looper out. Insert the new looper into the end of the rod as far as it will go before bottoming on the looper shoulder.
2. Any time a looper is moved or changed, recheck the looper timing and reset if necessary. Proper looper timing is absolutely essential for correct stitch formation. As described in detail below, a properly timed looper will pass over the needle in the correct position to pick up the loop, and also clear the chain-off pin, feeder, looper slot, and needle. The first check point for timing the looper is at the position where the looper picks the thread loop off the needle during the needle return stroke. Referring to Figure 7, (Point "C"), the long prong of the looper should pass over and just clear the scarf of the needle, approximately $\frac{3}{32}$ " (2.4mm) behind the end of the needle eye. At the same time, the short prong of the looper should pass over the needle with about $\frac{1}{64}$ " (.406mm) clearance, and must be so set that it also clears the chain-off pin (item "D" in Figure 7).

3. To adjust the looper so that the timing checks out as noted in paragraph 2, it may be rotated within its clamp by a limited amount. This adjustment should be made with the looper clamp screw (item "A" in Figure 6) loosened, and the looper bottomed against its shoulder. Do not move the looper in or out, and do not attempt to force the looper to turn beyond the limited amount of travel available.
4. If the adjustment described in paragraph 3 is insufficient to provide the correct timing, it will be necessary to turn the looper rod (item "E" in Figure 6) itself. This may be accomplished by loosening the two looper rod clamp screws (item "C" in Figure 6) and the looper rod clamp nut (item "D" in Figure 6). The rod is then free to turn in the looper rod fork (item "F" in Figure 6). It will normally be necessary to make only a very small adjustment in order to get the looper into the correct rotational position for proper timing. If, for any reason, the rod has been removed or the basic setting of the looper rod has been disturbed by a large amount, it may be reset by noting that the distance from the center of the looper rod fork pin (item "G" in Figure 6) to the rear face of the looper rod ball (item "H" in Figure 6) is normally 4 & 3/32 inches (104mm) (refer to Figure 6). If the rod is set to this dimension then only minor adjustment will be required to bring the looper into the correct timing position. Note that this dimension is merely a guide to assist in setting a rod and variations may be expected from machine to machine.
5. If, after completing the above adjustments, it is found that the looper is either too low or too high, it will be necessary to adjust the eccentric block. First loosen the two set screws (item "A" in Figure 7). Place a wide blade screwdriver in the slot of the eccentric block (item "B" in Figure 7) and, using a slight turning motion, raise or lower the looper as required. Once the proper height is established, check to see whether the looper must be moved to the left or to the right prior to re-tightening the eccentric block set screws. If such a movement is required, it may be obtained by lightly tapping the eccentric block in the correct direction with the handle of a screwdriver.

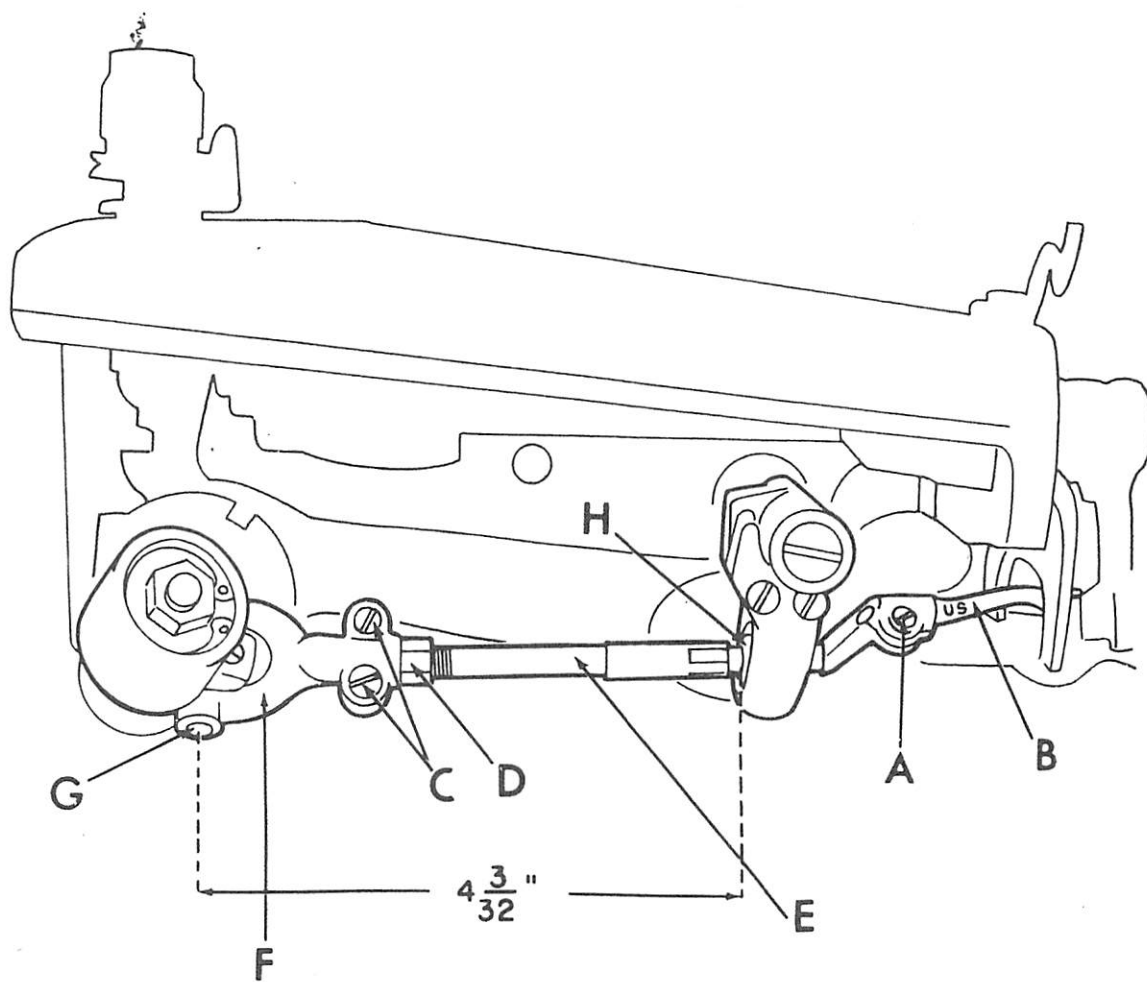


FIGURE 6

6. Once the looper is timed with respect to the needle as outlined in paragraphs 2 thru 5 above, slowly turn the handwheel in a direction away from the operator, until the looper approaches the edge of the looper slot (Point "C" in Figure 8) in the presserfoot. At this point make sure the small prong of the looper clears this edge. If it does not clear, adjust the eccentric block as outlined in paragraph 5 until the interference is eliminated.
7. Continue turning the handwheel away from the operator until the point of the needle starts to enter the area in between the looper prongs. (Refer to Point "D" in Figure 8). If the needle strikes the crotch of the looper, the looper has generally been set too far forward. Check to see if the looper has been inserted into the clamp as far as it will go. It should be inserted until the shoulder on the looper is stopped on the clamp. If this check is satisfactory, recheck the distance from the center of the looper rod fork pin to the rear face of the looper rod ball. Refer to paragraph 4 and reset if necessary. If neither of the above two measures corrects the problem, it is possible that the needle lever may be set too low and requires adjustment.
8. Once clearance is established between the needle and the looper crotch, continue turning the handwheel away from the operator until the needle passes between the looper prongs, clearing both the long and the short prong. If difficulty is experienced at this point, it may be necessary to modify some of the previous adjustments to the eccentric block or the looper rod length. If this is done, recheck the previous points to insure that a position is established which will satisfy all of the clearance conditions.
9. After all the necessary adjustments have been made, tighten all set screws and the lock nut and recheck all the adjustment points. Referring to Figure 9 the looper should now clear the chain-off pin ("D"), feeder ("E"), looper slot ("F"), needle, and pass over the needle in the correct position to pick up the loop.

B. REPLACING THE NEEDLE GUIDE

1. After considerable service, it may be expected that the wearing action of the needle will cause a sharp edged groove to form on the needle guide (item "G" in Figure 9).

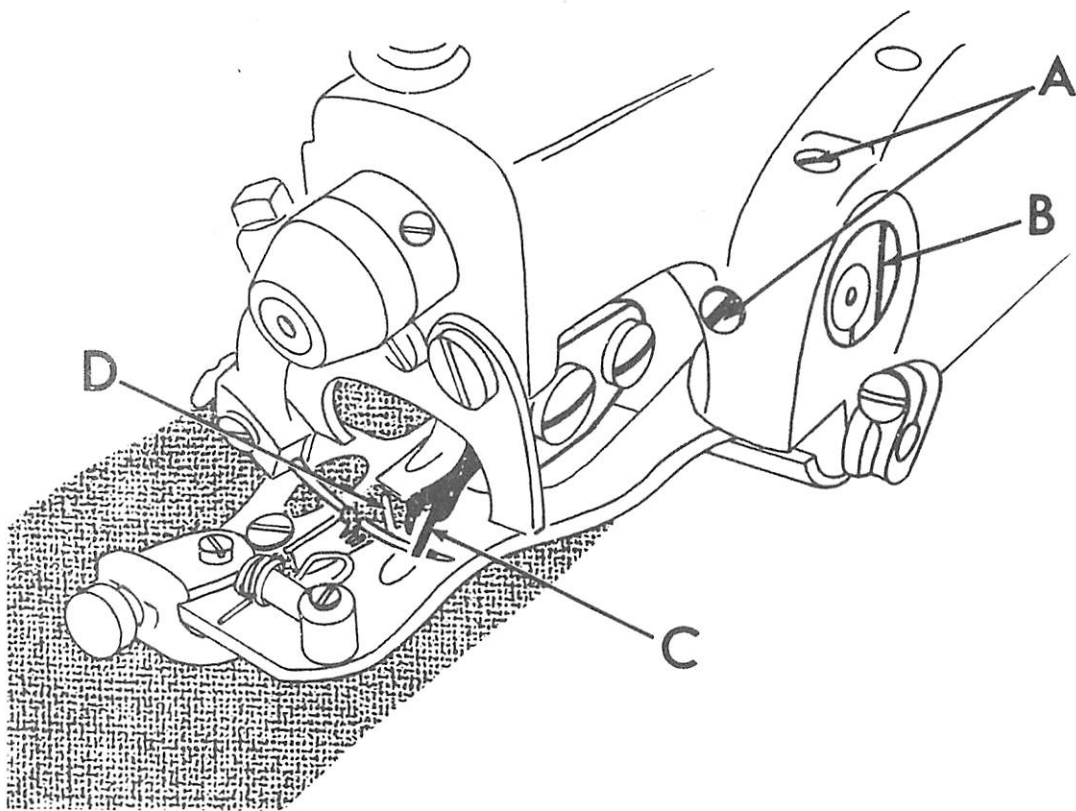


FIGURE 7

This condition can cause thread breakage and uneven penetration. When this happens the guide should be replaced. The needle guide was specifically designed as a readily replaceable wear plate to prevent damage to the presserfoot from the action of the needle.

2. Loosen the needle guide attaching screw (item "A" in Figure 9) and remove the worn needle guide. Clean out any lint or dirt that may have accumulated under the old guide and insert the new guide. Insure that the new guide is seated flush with the top and side of the presserfoot and then retighten the attaching screw. Slowly turn the handwheel in the direction away from the operator and check to insure that the new guide fits properly under the needle and that no interference has been introduced between the guide and the looper.

C. REPLACING THE SHOE

1. The shoe, (item "E" in Figure 8), also known as a cloth retainer, normally will not require replacement. However, in the event of wear due to the particular fabrics being used, or if the shoe or spring suffers any damage, they may be readily replaced.
2. The first step is to remove the complete front guide assembly by unscrewing the front guide holder attaching screw (item "A" in Figure 8). Next loosen the shoe pin lock screw (item "B" in Figure 8) and slide out the shoe pin (item "F"), shoe and retaining spring (item "G"). Before removing these components it is advisable to note the manner in which the spring is assembled so that it may be reinstalled in the same way.
3. When replacing an old shoe, make sure that the replacement shoe properly fits the pin without binding and without excessive looseness. In the event that the pin has worn and does not fit the new shoe properly, it should be replaced at the same time as the shoe. After replacing the shoe, shoe pin and retaining spring retighten the shoe pin lock screw and check to insure that the center of the shoe is lined up with the center of the rib. Also insure that the shoe clears both sides of the opening in the presserfoot.

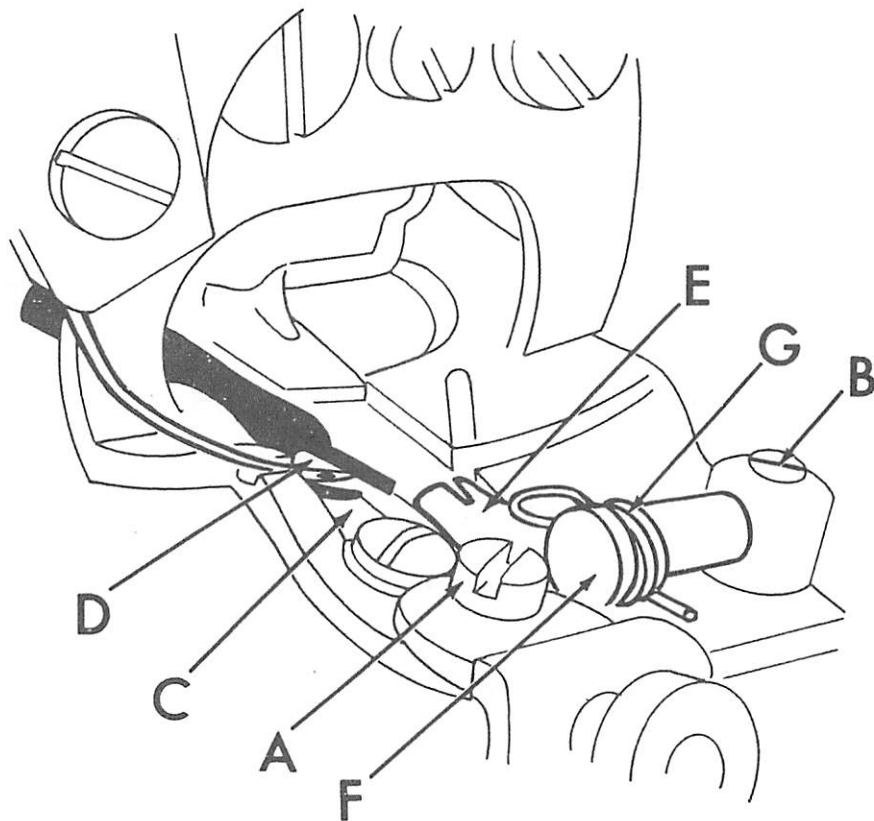


FIGURE 8

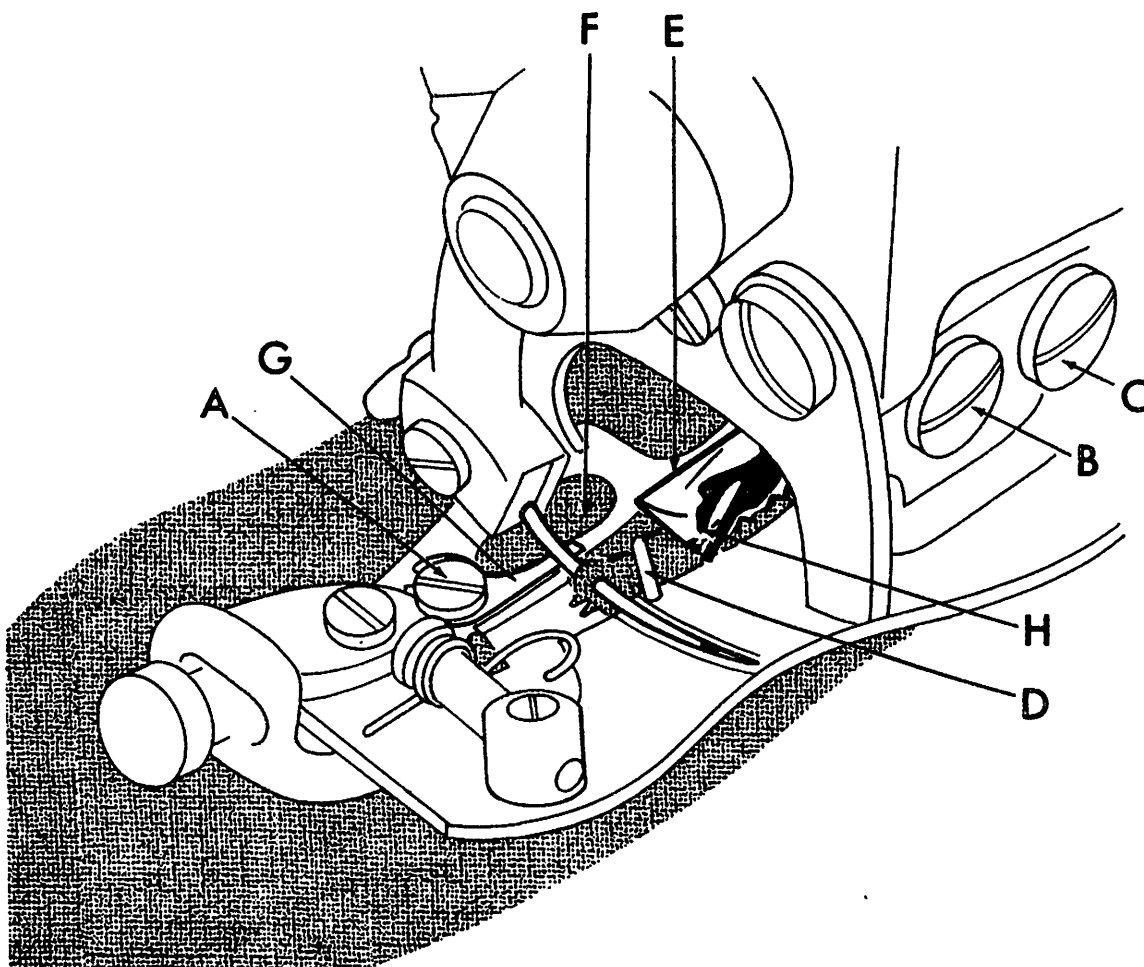


FIGURE 9

D. REPLACING THE FEEDER

1. In the event that the machine develops difficulty by failing to properly feed the work, a worn feeder is frequently found to be the cause. After considerable service, especially with certain hard fabrics, the feeder teeth have a tendency to become dull, and the feeder should be replaced. In order to remove the old feeder, remove the front feeder attaching screw (item "B" in Figure 9) and loosen the rear feeder attaching screw (item "C" in Figure 9). The old feeder may then be slid out of place. Insert the new feeder under the rear screw and replace the front screw.
2. Before tightening the attaching screws check to see that the feeder is set to the proper depth. Referring to Figure 10 this should be approximately $\frac{1}{32}$ " (.795mm) below and parallel to the bottom of the presserfoot for all light and medium weight fabrics. For heavy fabrics, the setting should be approximately $\frac{1}{16}$ " (1.59mm) below and parallel to the bottom of the presserfoot. These dimensions are intended as guides and may be modified as required by the specific fabrics. Once the proper depth is established, rotate the handwheel slowly in a direction away from the operator and check to insure that the feeder clears the looper (see Figure 9, Point "H") and also clears both sides of the feeder slot in the presserfoot. Firmly tighten feeder attaching screws (Figure 9, Items "B" & "C") before resuming sewing.

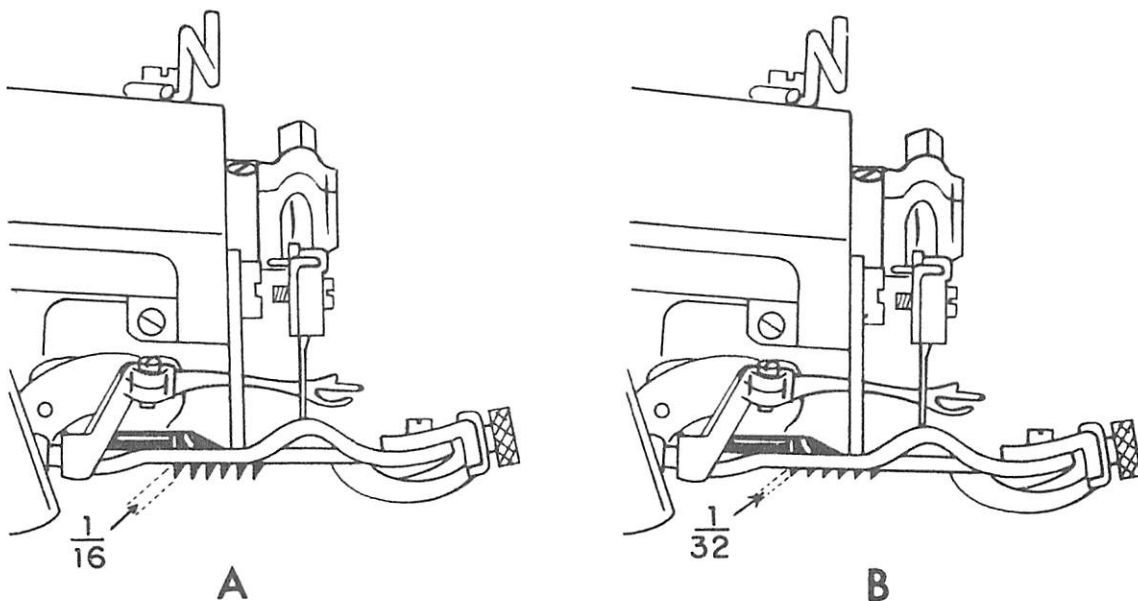


FIGURE 10

PARTS CATALOGUE

INTRODUCTION

- A. Main Frame Group
- B. Main Shaft Group
- C. Needle Drive Group
- D. Feed Drive Group
- E. Looper Drive Group
- F. Feed Frame Group I
- G. Feed Frame Group II
- H. Regulating Group
- I. Front Plate Group
- J. Presserfoot Group

INTRODUCTION

This Parts Catalogue has been designed as an integral part of the U.S. BLIND STITCH MACHINE CORPORATION'S well known Spare Parts Supply system. Parts and needle orders are normally filled and shipped on the day they are received. A completely stocked Spare Parts Department is maintained to insure the immediate availability of parts and needles for all U.S. BLIND STITCH machines. In order to facilitate the ordering of parts and insure the accuracy of the order, this catalogue has been arranged in an extremely simple and straight-forward fashion.

A unique feature of this new U.S. BLIND STITCH catalogue is the availability of a specific catalogue for each of the many different U.S. BLIND STITCH models. This automatically eliminates the complicated searching among long lists of parts. It thus greatly reduces the time required to select the needed part number while at the same time increasing the accuracy of the selection. In practically all cases each part is represented by one and only one part number, which eliminates the necessity for selecting a particular variation. In the few instances where an option is offered on a particular model, the choice is clearly spelled out.

With this type of arrangement the procedure for ordering spare parts becomes extremely simple, as outlined below: Assume that it is necessary to obtain a replacement presserfoot shoe for a U.S. machine.

1. First, observe the model designation stamped on the nameplate located on top of the main frame (Refer to Figure 11). Make a note of the number.
2. Observe the particular machine serial number stamped on the bottom rear of the base casting (Refer to Figure 11). Note this number.
3. Select the catalogue for the model number noted in item (1). This model is clearly printed on the cover of the catalogue.
4. Note that the Parts Catalogue is divided into ten sections, each covering a different functional grouping of machine parts. The part in question here, namely the presserfoot shoe, obviously falls in Section J which covers the Presser-foot Group. Turn to this page and, referring to the illustration, note the reference number attached to the presserfoot shoe.

INTRODUCTION (CONTINUED)

5. The page facing the illustration contains a listing of each part in the illustration together with the reference number and the part number. Using the reference number noted in item 4, find the part listing and part number. THIS IS THE PART NUMBER TO ORDER. (PARTS CANNOT BE ORDERED BY REFERENCE NUMBER.)
6. In order to completely eliminate any possibility of error, with each part ordered it is essential that mention is made of model designation (item 1 above), serial number (item 2 above), and part number (item 5 above).

After a very brief period of familiarization with the Parts Catalogue it will be found that ordering spare parts is a simple and quick procedure. Specifying model number, serial number and part number provides a fool-proof combination of information which will insure that the correct part is received in the shortest possible time. Refer to Figure 12 for an illustration of a properly prepared purchase order.

In using the Parts Catalogue it may be noted that certain part numbers carry the prefix T. This designates an assembly which is precision matched at the factory for proper operation and long life. For this reason, the various components will not be sold separately insofar as we cannot insure customer satisfaction unless they are factory fitted. If a part of any of these assemblies bearing the prefix T requires replacement, it will be necessary to replace the entire assembly. The few assemblies involved are shown in outline drawings on the illustration sheet, and play a critical role in the proper functioning of the U.S. machine. In those cases where the assemblies involved also include non-matched components such as screws, these, of course, will be provided as separate spare parts. Such components are shown on the illustration sheet and listed on the parts sheet immediately below the affected assembly.

Certain assemblies which do not require critical matching are available either as complete assemblies or detail components to suit the convenience of the customer. The complete assembly carries a separate reference number and part number. The detail components also have individual reference numbers and part numbers and are listed immediately below the assembly in the parts list.

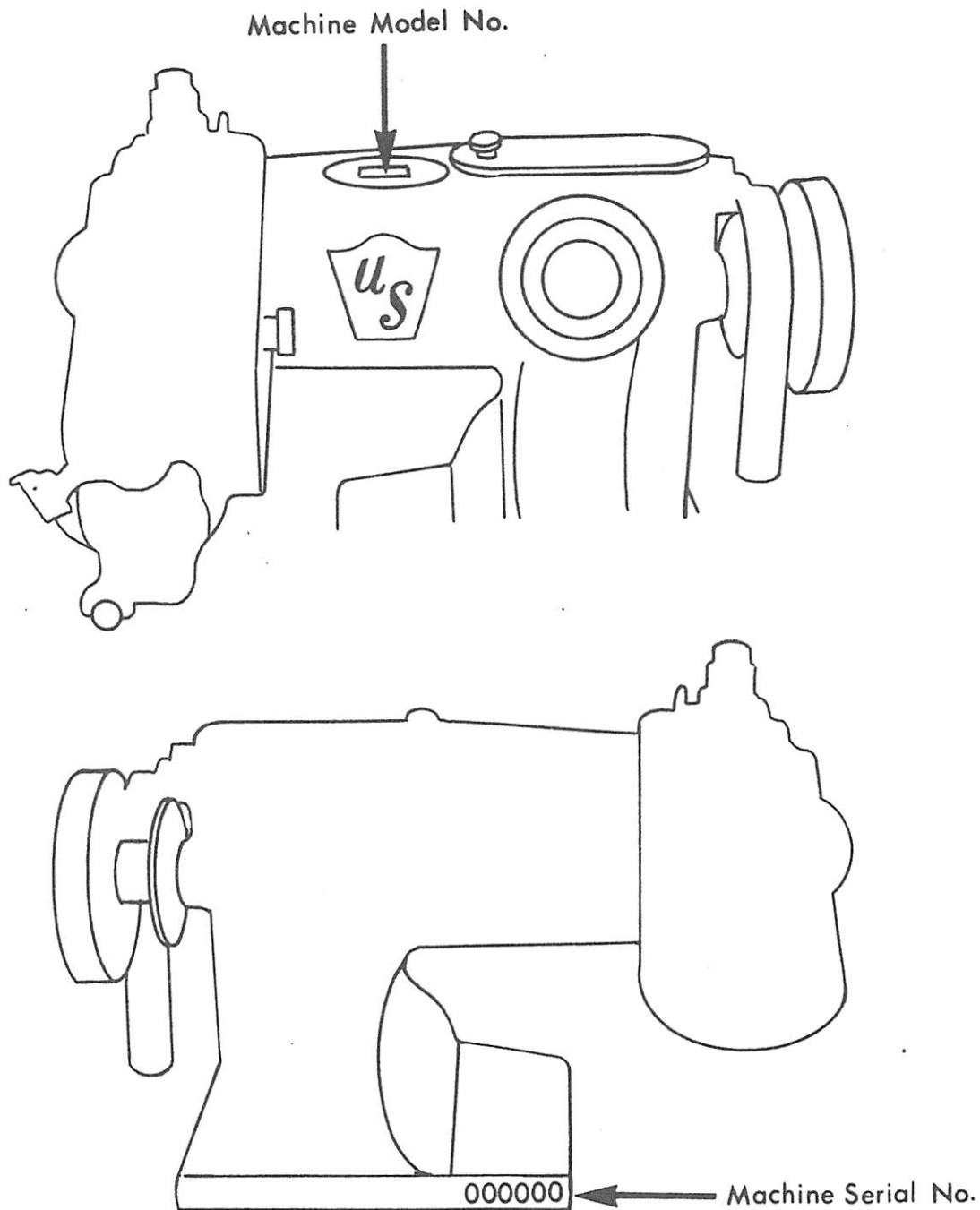
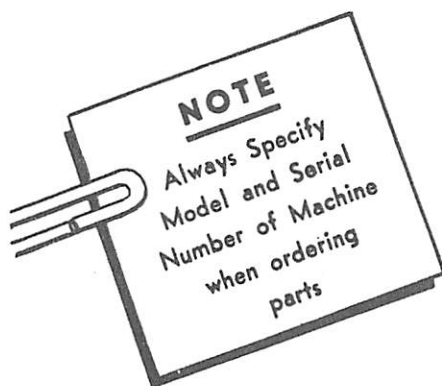


FIGURE 11



PURCHASE ORDER

| <u>QUANTITY</u> | <u>DESCRIPTION</u> | <u>PRICE</u> | <u>AMOUNT</u> |
|-----------------|---|--------------|---------------|
| | <u>FOR U.S. MODEL 718-1 - SERIAL NO. xxxxxx</u> | | |
| 1 | Part No. 2100 Feed Dog | | |
| 12 | Part No. 1238 Needle Guide | | |

If parts are being ordered for several machines the Purchase Order should be prepared in a similar fashion to the following example:

| | | | |
|----|---|--|--|
| | <u>FOR U.S. MODEL 718-1 - SERIAL NO. xxxxxx</u> | | |
| 1 | Part No. 2100 Feed Dog | | |
| 12 | Part No. 1238 Needle Guide | | |
| | <u>FOR U.S. MODEL 718-1 - SERIAL NO. yyyyyy</u> | | |
| 1 | Part No. 1046 Handwheel | | |
| 2 | Part No. 1119 Screws - Feed Dog Attaching | | |
| | <u>FOR U.S. MODEL 718-5 - SERIAL NO. zzzzzz</u> | | |
| 1 | Part No. 2112 Feed Dog | | |

FIGURE 12

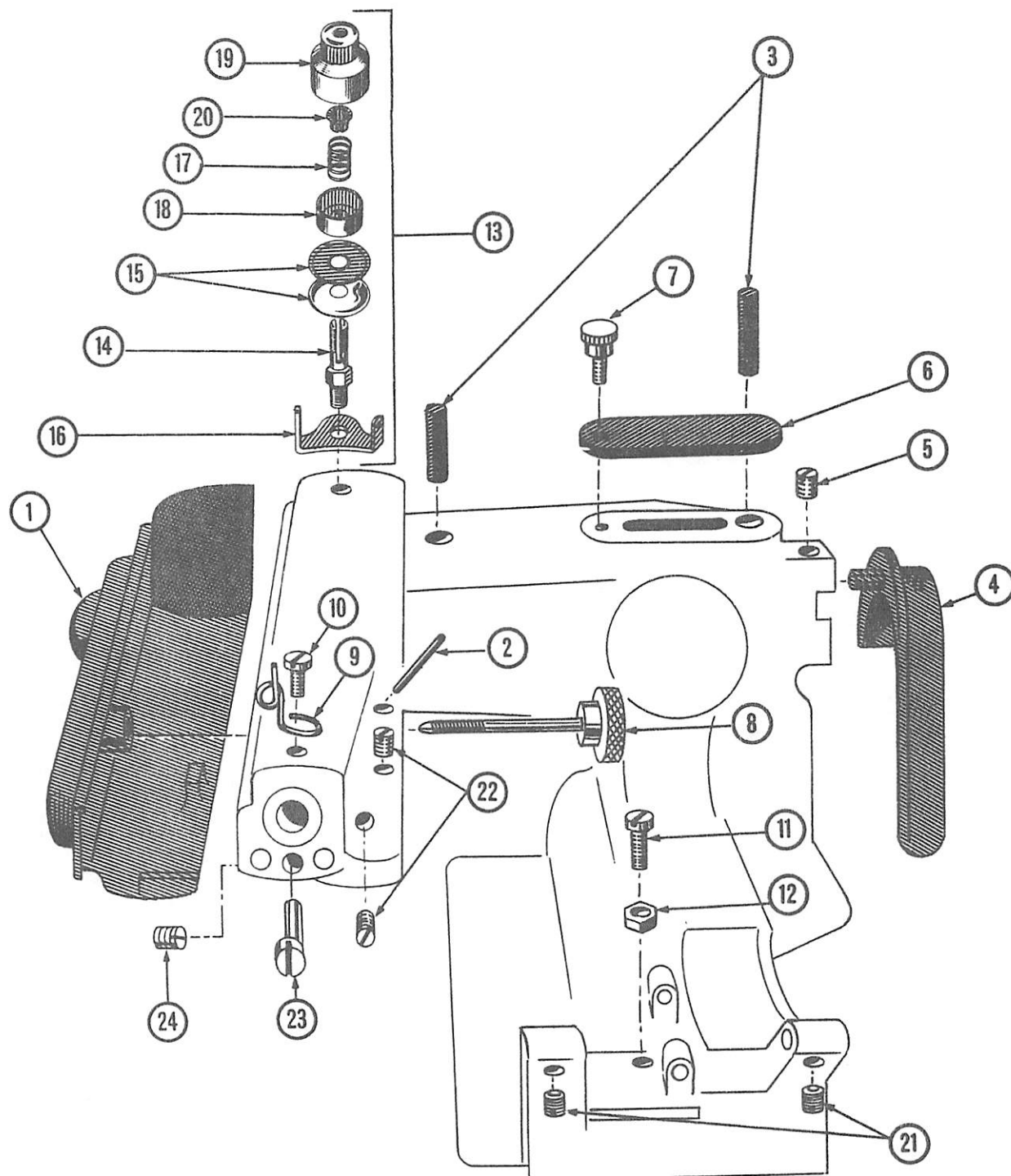
MAIN FRAME GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|---|-------------|--------------------------|
| 1 | Side Cover | 5001 | 1 |
| 2 | Oil Tube | 1005 | 1 |
| 3 | Oil Wick | 1006 | 2 |
| 4 | Belt Guard | 1068 | 1 |
| 5 | Screw - Belt Guard Set | 1069 | 1 |
| 6 | Cover Plate | 1081 | 1 |
| 7 | Screw - Cover Plate Attaching | 1096 | 1 |
| 8 | Screw - Side Cover Attaching | 5019 | 1 |
| 9 | Front Thread Guide | 1080 | 1 |
| 10 | Screw - Front Thread Guide Attaching | 1070 | 1 |
| 11 | Screw - Lift Arm Limit | 1332 | 1 |
| 12 | Nut - Lift Arm Limit Screw-Lock | 1008 | 1 |
| 13 | Thread Tension Regulating Assembly | 5002 | 1 |
| 14 | Tension Post | 1082 | 1 |
| 15 | Tension Discs | 1083 | 2 |
| 16 | Thread Guide | 1084 | 1 |
| 17 | Spring | 1085 | 1 |
| 18 | Cover | 1009 | 1 |
| 19 | Nut | 1010 | 1 |
| 20 | Ratchet | 1011 | 1 |
| 21 | Screw - Feed Frame Shaft - Set | 1093 | 2 |
| 22 | Screw - Eccentric Block - Set | 1289 | 2 |
| 23 | Eccentric Pin | 1240 | 1 |
| 24 | Screw - Eccentric Pin Set | 1094 | 1 |

NOTE: Always Specify Model
and Serial Number of
Machine When Ordering
Parts

AA

DO NOT use reference numbers when ordering parts.



Main Frame Group

MAIN SHAFT GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|---|-------------|--------------------------|
| 1 | Main Shaft | 1045 | 1 |
| 2 | Hand Wheel | 1046 | 1 |
| 3 | Screw - Handwheel Set (Cone Point) | 1121 | 1 |
| 4 | Screw - Handwheel Set (Cup Point) | 1069 | 1 |
| 5 | Screw - Feed Eccentric Set | 1331 | 1 |
| 6 | Gear - Skip Stitch Drive | 1129 | 1 |
| 7 | Screw - Skip Stitch Drive Gear Set | 1069 | 2 |
| 8 | Rib Connection Assembly | T5503 | 1 |
| 9 | Screw - Rib Lever Eccentric Lock | 1120 | 2 |
| 10 | Screw - Rib Connecting Lever Clamp | 1071 | 1 |
| 11 | Needle Connection Assembly | T5004 | 1 |
| 12 | Screw - Needle Connection | 1072 | 4 |
| 13 | Eccentric Ball Guard | 1134 | 1 |
| 14 | Screw - Eccentric Ball Guard Attaching | 1132 | 2 |

CHANGE NOTICE

On machines with serial numbers above 31700 the following part numbers and quantities should be used in place of the listing above:

| | | | |
|---|---------------------------------|------|---|
| 1 | Main Shaft | 1044 | 1 |
| 2 | Handwheel | 1043 | 1 |
| 4 | Screw - Handwheel Set Cup Point | 1069 | 2 |

NEEDLE DRIVE GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|-------------------------------|-------------|--------------------------|
| 1 | Needle Shaft | 1095 | 1 |
| 2 | Needle Shaft - Clamp Screw | 1118 | 1 |
| 3 | Needle Shaft Collar | 1135 | 1 |
| 4 | Set Screw-Needle Shaft Collar | 1094 | 2 |
| 5 | Needle Lever Assembly | 5021 | 1 |
| 6 | Needle Lever | 1136 | 1 |
| 7 | Pin-Needle Clamp Locating | 1243 | 1 |
| 8 | Needle Clamp | 1137 | 1 |
| 9 | Screw-Needle Clamp Locating | 1076 | 1 |
| 10 | Screw-Needle Lever Clamp | 1097 | 1 |
| 11 | Needle* | 1017 | 1 |

* Specify Size, Genuine U.S. Needle are available
in the following sizes:

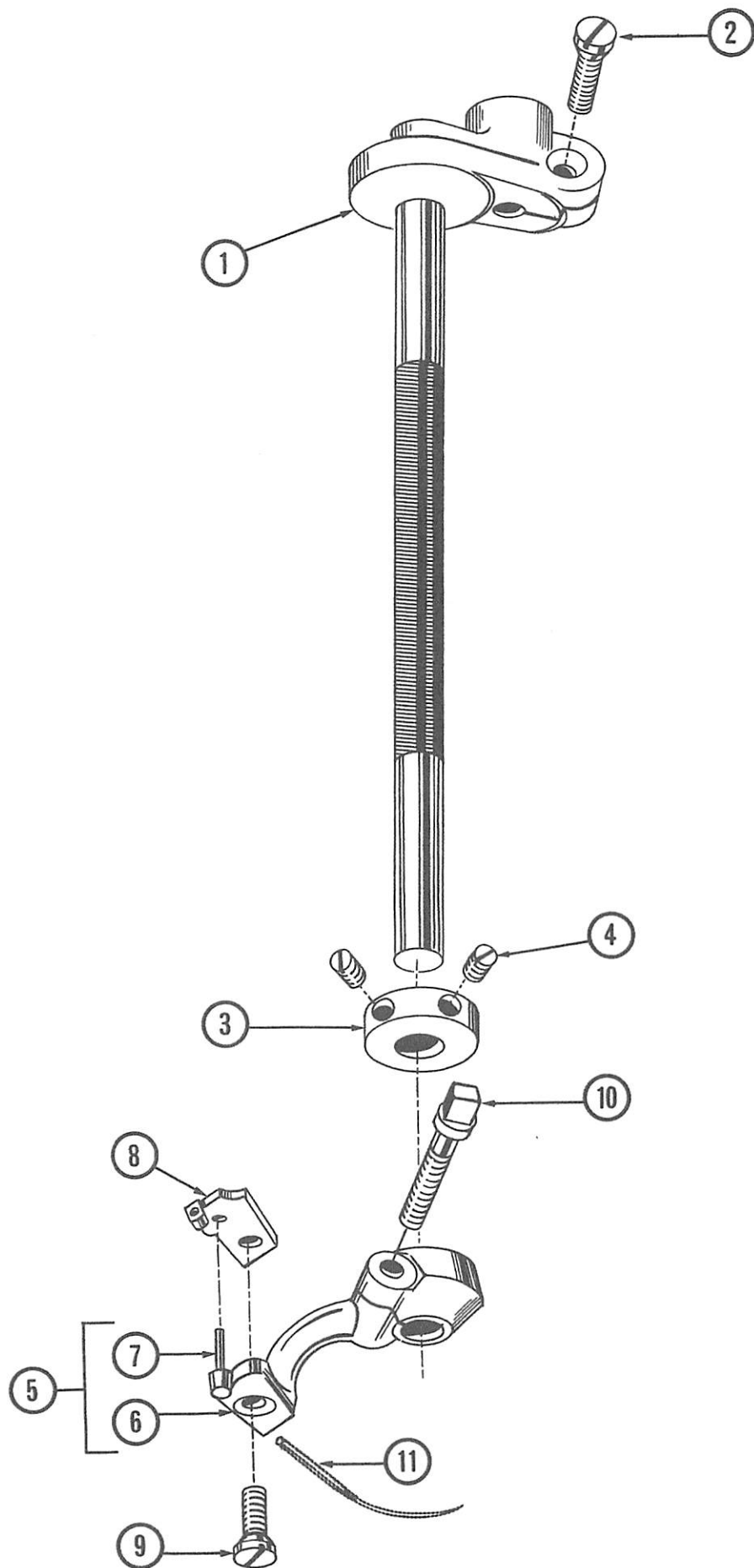
Long Point

0
10
15
20
25
30
40
400

Short Point

1
1 1/2
2 1/2
3
3 1/2
4
4 1/2

DO NOT USE REFERENCE NUMBERS WHEN ORDERING PARTS



Needle Drive Group

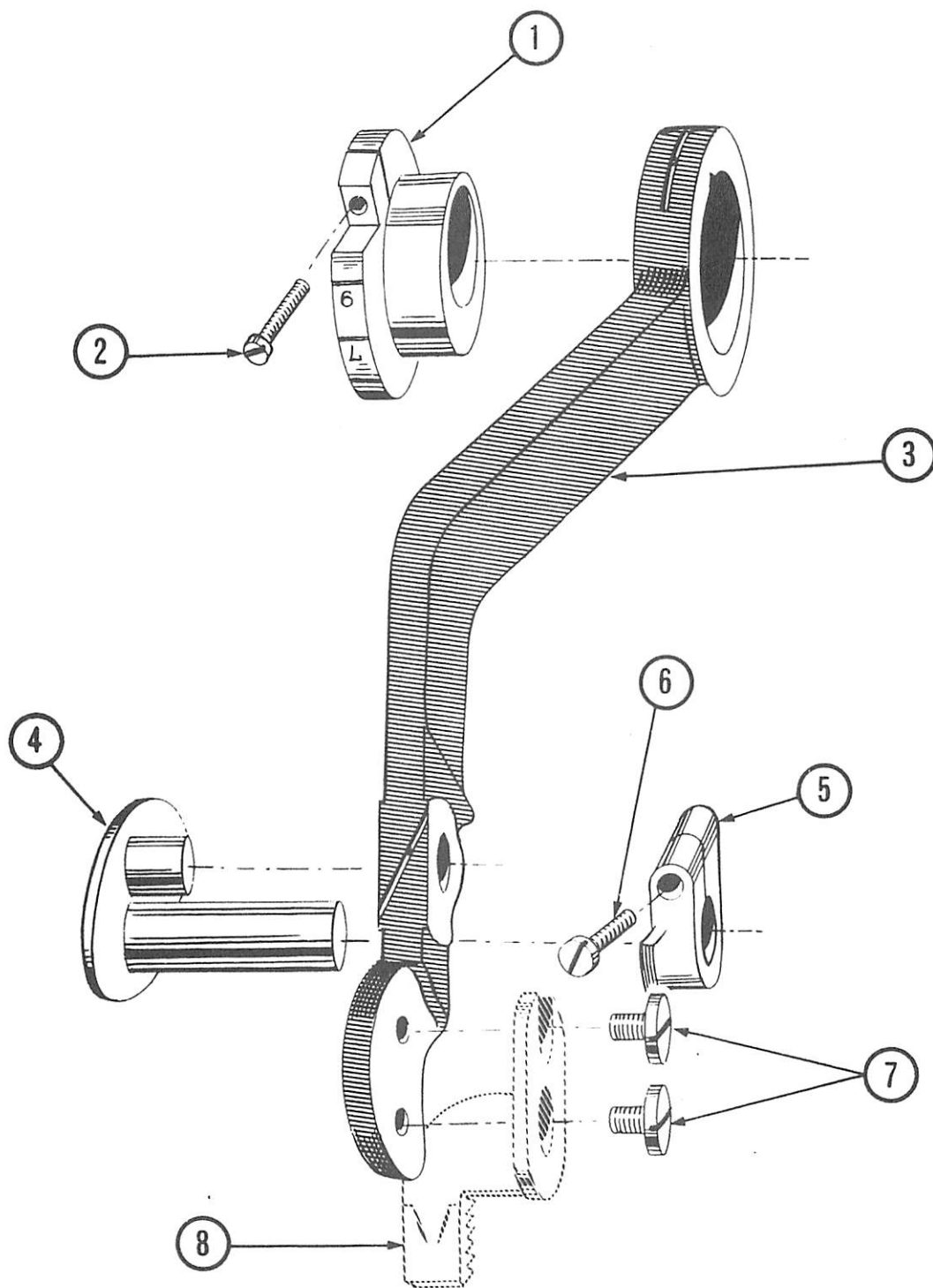
C1

FEED DRIVE GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|--|-------------|--------------------------|
| 1 | Stitch Regulating Collar | 1091 | 1 |
| 2 | Screw-Stitch Regulating Collar- Clamp | 1072 | 1 |
| 3 | Feed Lever | 1138 | 1 |
| 4 | Rocker Pin Assembly | 5016 | 1 |
| 5 | Collar Rocker Pin | 1145 | 1 |
| 6 | Screw Rocker Pin Collar Clamp | 1076 | 1 |
| 7 | Screw Feed Dog Attaching | 1119 | 2 |
| 8 | Feed Dog | 2100* | 1 |

*Specify this number for regular coarse tooth feed dogs (12 rows of teeth per inch). For the fine tooth feed dog (20 rows of teeth per inch) specify feed dog part No. 2101.

DA



Feed Drive Group

5006 ASSEMBLY

Consists of:

5005. . . Sleeve Bearing*
1094. . . Screw
1154. . . Fork
3049. . . Screw
1979. . . Nut

5186 ASSEMBLY

Consists of:

5185. . . Looper Rod & Ball*
5017. . . Carrier Assembly*
1117. . . Screw-Carrier
1156. . . Looper Clamp Screw

5206 ASSEMBLY

Consists of:

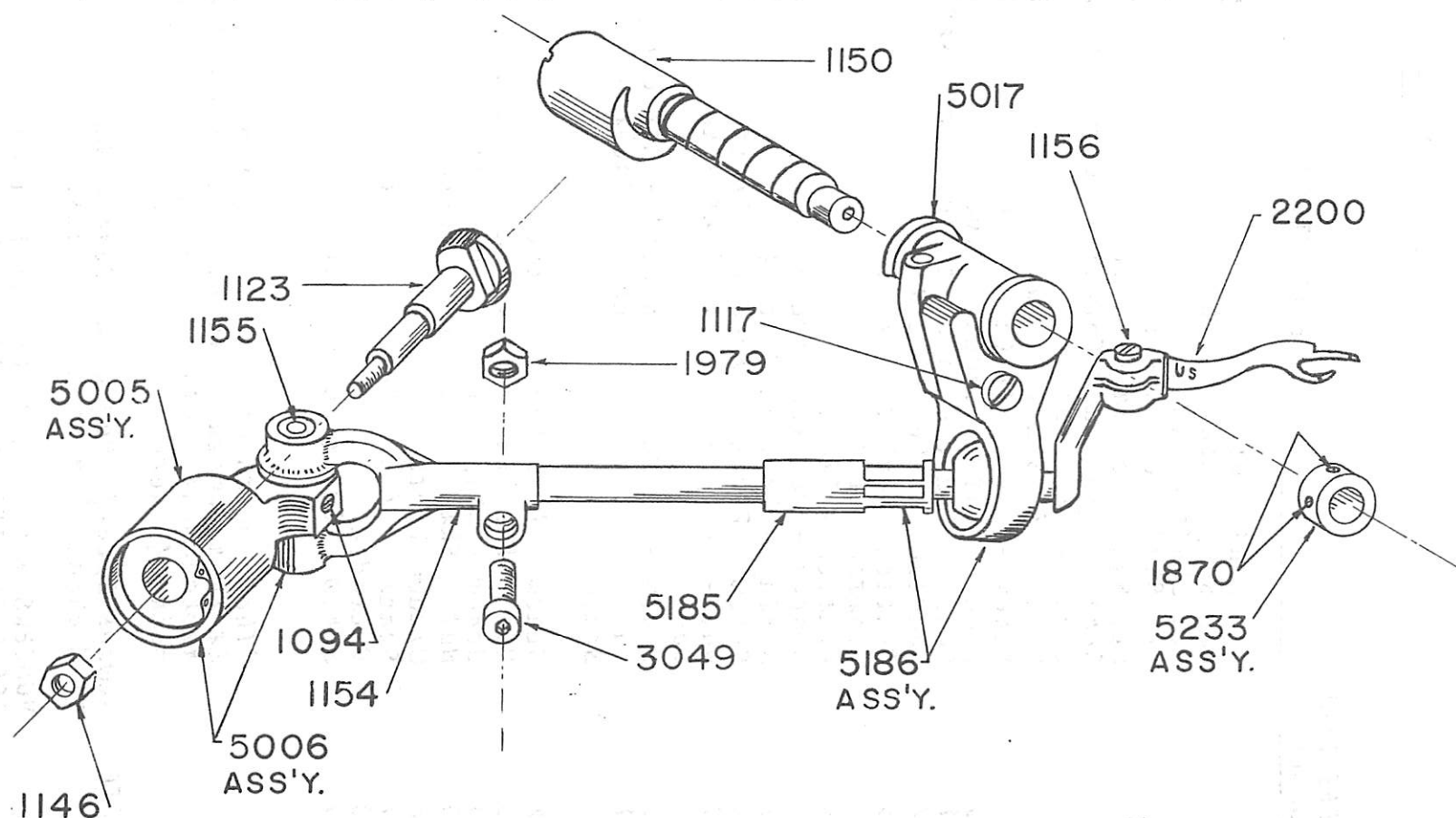
5186. . . Assembly
1154. . . Fork
3049. . . Screw Fork
1979. . . Nut

5233 COLLAR ASSEMBLY

Consists of:

Collar
1870. . . (2) Screws

**Not Sold Separately*



LOOPER DRIVE GROUP

From the library of: Superior Sewing Machine & Supply LLC

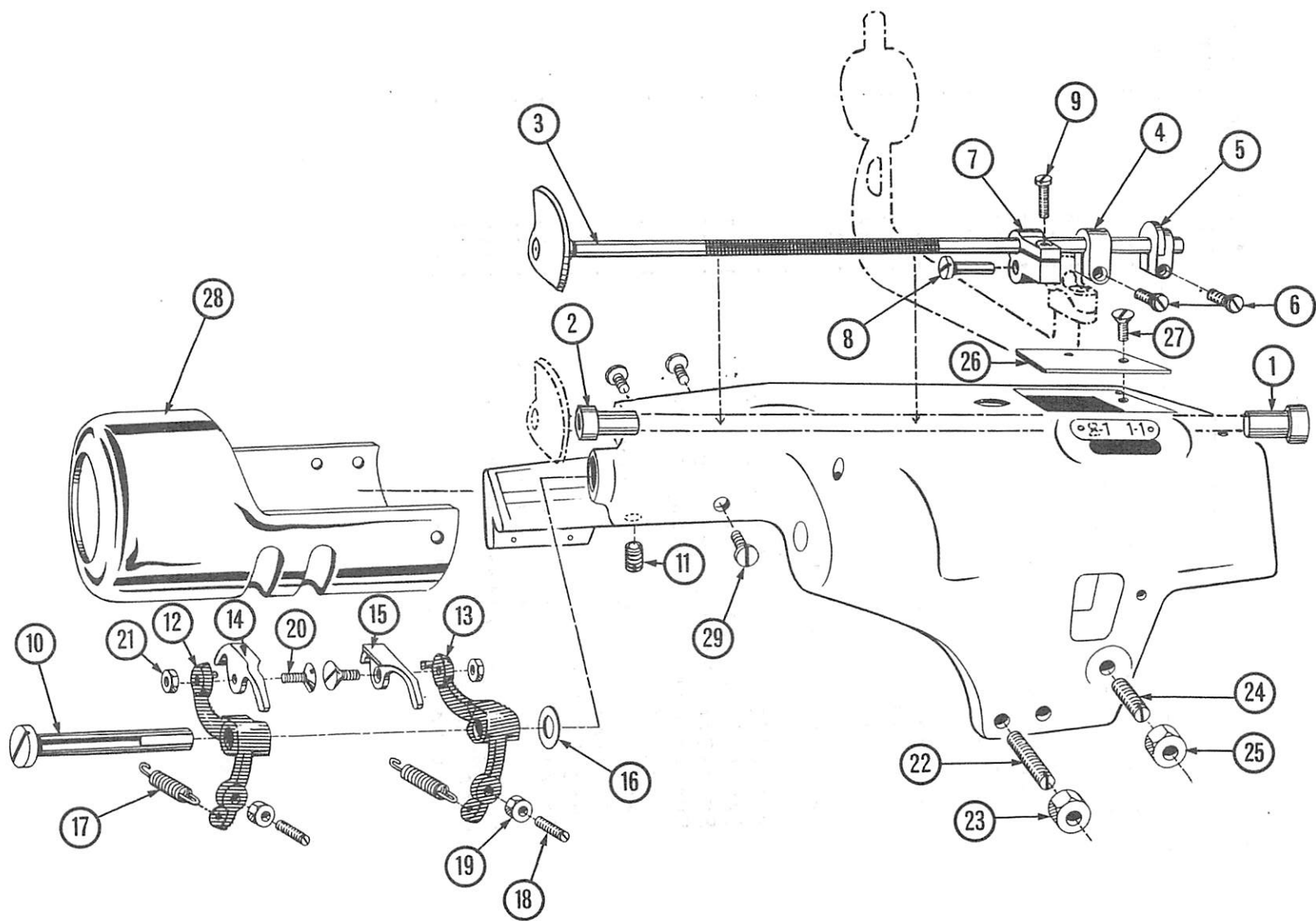
FEED FRAME GROUP - I

| REFERENCE NUMBER | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|---------------------|---|-------------|--------------------------|
| 1 | Rib Shaft Bushing - Right | 1088 | 1 |
| 2 | Rib Shaft Bushing - Left | 1087 | 1 |
| 3 | Rib Shaft Assembly | 6008 | 1 |
| 4 | Rib Shaft Collar - Left | 1161 | 1 |
| 5 | Rib Shaft Collar - Right | 1162 | 1 |
| 6 | Screw - Rib Shaft Collar - Clamp | 1076 | 2 |
| 7 | Crank - Rib Shaft | 1163* | 1 |
| 8 | Stud - Rib Shaft Crank | 1164* | 1 |
| 9 | Screw - Rib Shaft Crank - Clamp | 1117 | 1 |
| 10 | Stud - Platten Bracket Pivot | 1166 | 1 |
| 11 | Screw - Platten Bracket Pivot Stud-set | 1069 | 1 |
| 12 | Platten Bracket - Left | 2451 | 1 |
| 13 | Platten Bracket - Right | 2450 | 1 |
| 14 | Platten - Left | 2400 | 1 |
| 15 | Platten - Right | 2401 | 1 |
| 16 | Spacer - Platten Bracket | 1021 | As Required |
| 17 | Spring - Platten Bracket | 1171 | 2 |
| 18 | Screw - Platten Bracket - Limit | 1114 | 2 |
| 19 | Nut - Platten Bracket Limit Screw- Lock | 1168 | 2 |
| 20 | Screw - Platten to Bracket - Attaching | 1244 | 2 |
| 21 | Nut - Platten to Bracket Attaching Screw | 1167 | 2 |
| 22 | Screw - Feed Frame - Limit | 1104 | 1 |
| 23 | Nut - Feed Frame Limit Screw - Lock | 1146 | 1 |
| 24 | Screw - Skip Stitch Compensating | 1105 | 1 |
| 25 | Nut - Skip Stitch Compensating | 1023 | 1 |
| 26 | Window-Plate | 1205 | 1 |
| 27 | Screw - Window Plate Attaching | 1030 | 1 |
| 28 | Cylinder | 1211 | 1 |
| 29 | Screw - Cylinder Attaching | 1101 | 3 |

*These parts are available separately. However, it is recommended that, if either requires replacement, both should be replaced with a pair of factory fitted parts.

NOTE: Always Specify Model and Serial Number of Machine when ordering parts.

NUMBERS 9 & 10 REPLACED BY 1 PIECE
ASSEMBLY 1150, COMPLETE WITH COLLAR
1150-1



Feed Frame Group I

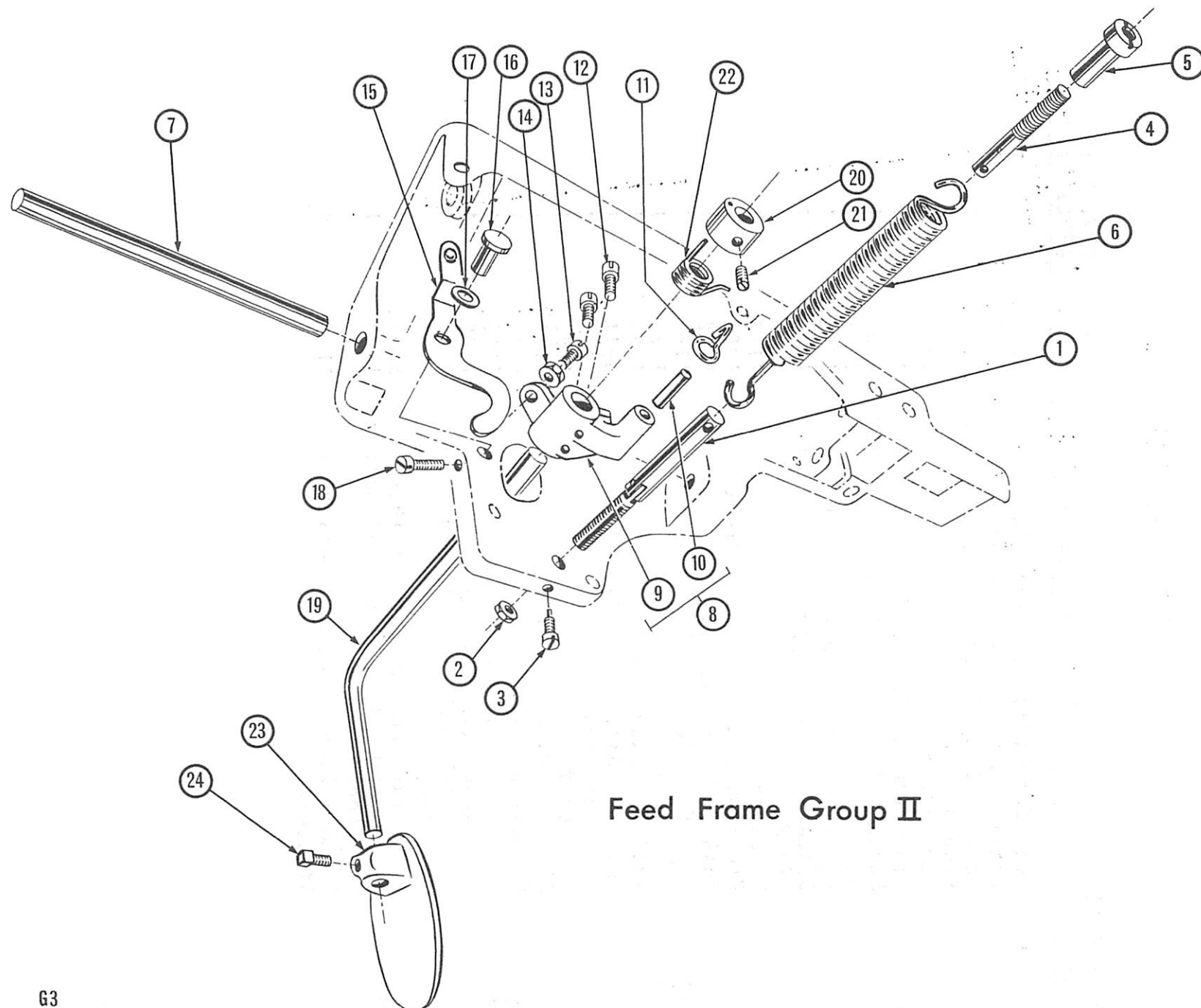
FEED FRAME GROUP - II

| REFERENCE NO. | DESCRIPTION | PART NO., | QTY. THIS APPLICATION |
|------------------|---|--------------|--------------------------|
| 1 | Spring Link Assembly | 5020 | 1 |
| 2 | Nut - Spring Link Assembly - Retaining | 1146 | 1 |
| 3 | Screw-Spring Link-Locating | 1150 | 1 |
| 4 | Link Screw-Main Spring | 1177 | 1 |
| 5 | Nut-Main Spring Adjusting | 1184 | 1 |
| 6 | Main Spring | 1191 | 1 |
| 7 | Shaft-Feed Frame Rocker | 1066 | 1 |
| 8 | Lift Arm Assembly | 5163 | 1 |
| 9 | Lift Arm | 1335 | 1 |
| 10 | Pin-Lifting | 1406 | 1 |
| 11 | Hook | 1334 | 1 |
| 12 | Screw-Lift Arm Clamp | 1120 | 2 |
| 13 | Screw-Lift Arm Limit | 1035 | 1 |
| 14 | Nut-Lift Arm Limit Screw-Lock | 1008 | 1 |
| 15 | Level-Skip Regulating | 1202 | 1 |
| 16 | Stud-Skip Regulating Lever | 1203 | 1 |
| 17 | Spring Washer Skip Regulating Lever Stud | 1028 | 1 |
| 18 | Screw-Skip Regulating Lever Stud-Lock | 1332 | 1 |
| 19 | Knee Lifter Pod | 1060 | 1 |
| 20 | Collar-Knee Lifter Rod | 1059 | 1 |
| 21 | Screw-Knee Lifter Pod Collar-Set | 1036 | 1 |
| 22 | Spring-Knee Lifter Rod-Return | 1061 | 1 |
| 23 | Knee Pedal | 1208 | 1 |
| 24 | Screw Knee Pedal Lock | 1037 | 1 |

NOTICE

This catalogue lists the latest "hook-type" knee lifter configuration. For machines which incorporate the "toggle bolt-type" knee lifter, please observe the following differences. (The toggle bolt-type lifter may be recognized by the bolt which extends through a hole in the top of the feed frame.)

| GROUP | USE PART NUMBER | INSTEAD OF PART NUMBER | DESCRIPTION |
|---------------|-----------------------|------------------------------|------------------------|
| FEED FRAME II | 5014 | 5060 | Lift arm assembly |
| | 1210 | 1335 | Lift arm |
| | -- | 1406 | Link Pin |
| | 1204 | -- | Lift Arm Clevis |
| | 1031 | -- | Pin-Lift Arm Clevis |
| | 1206 | -- | Toggle Bolt |
| | 1032 | -- | Pin-Toggle Bolt Pivot |
| | -- | 1334 | Hook-Feed Frame Lifter |
| | 1207 | -- | Swivel Washer |
| | 1033 | -- | Nut-Toggle Bolt Lock |
| | | | |
| | | | |

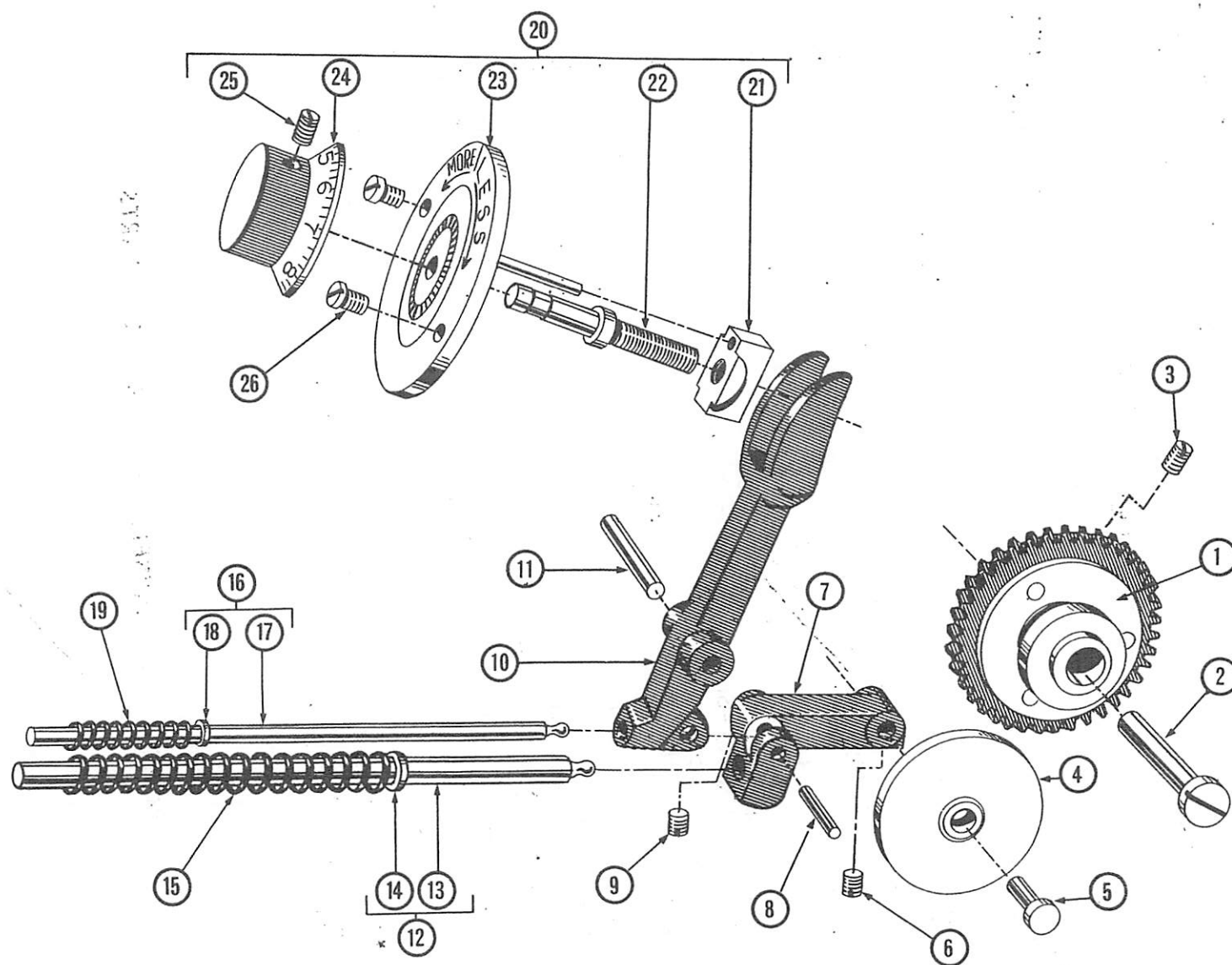


Feed Frame Group II

REGULATING GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|---|-------------|--------------------------|
| 1 | Skip Eccentric Gear Assembly | 5013 | 1 |
| 2 | Carrier Stud - Skip Eccentric Gear | 1201 | 1 |
| 3 | Screw - Skip Eccentric Gear Carrier Stud Set | 1069 | 1 |
| 4 | Cam Roller | 1180 | 1 |
| 5 | Pin - Cam Roller-Support | 1179 | 1 |
| 6 | Screw - Cam Roller Support Pin-Set | 1069 | 1 |
| 7 | Support Arm - Cam Roller | 1183 | 1 |
| 8 | Pin - Roller Support Arm-Pivot | 1026 | 1 |
| 9 | Screw - Roller Support Arm Pivot Pin-Set | 1094 | 1 |
| 10 | Regulating Fork | 1185 | 1 |
| 11 | Pin - Regulating Fork - Pivot | 1025 | 1 |
| 12 | Push Rod Assembly (3/8") | 5012 | 1 |
| 13 | Push Rod (3/8") | 1195 | 1 |
| 14 | Cotter Pin | 1023 | 1 |
| 15 | Spring - Push Rod (3/8") | 1024 | 1 |
| 16 | Push Rod Assembly (1/4") | 5011 | 1 |
| 17 | Push Rod (1/4) | 1193 | 1 |
| 18 | Cotter Pin | 1022 | 1 |
| 19 | Spring - Push Rod (1/4") | 1181 | 1 |
| 20 | Regulating Dial Assembly | 5018 | 1 |
| 21 | Regulating Dial Shoe | 1223 | 1 |
| 22 | Regulating Dial Screw | 1222 | 1 |
| 23 | Face Plate & Guide Pin Assembly | 5010 | 1 |
| 24 | Dial and Ratchet Assembly | 5039 | 1 |
| 25 | Screw - Dial & Ratchet Assembly Lock | 1039 | 1 |
| 26 | Screw - Regulating Dial Assembly Attaching | 1109 | 2 |

HA



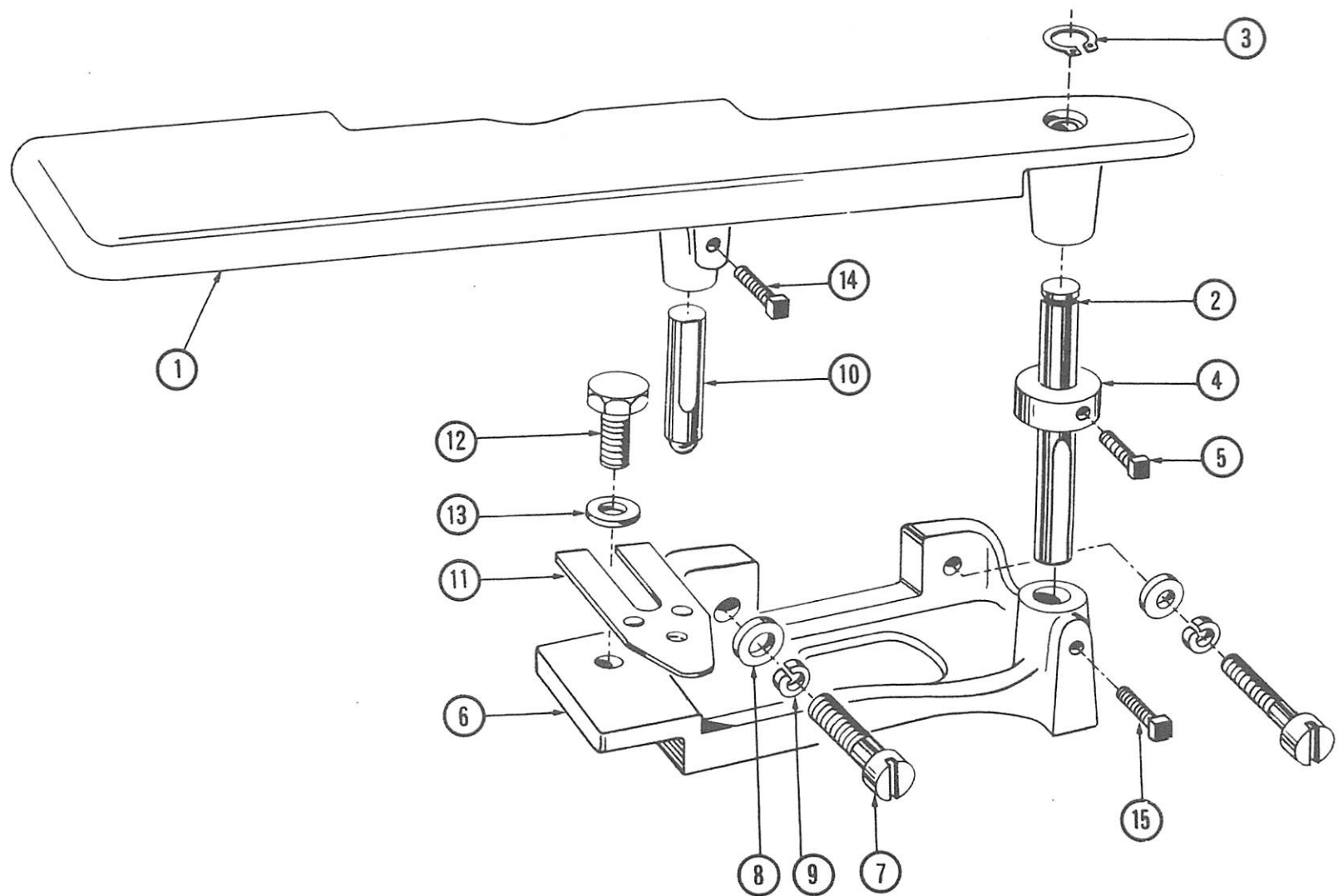
Regulating Group

FRONT PLATE GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|---|-------------|--------------------------|
| 1 | Swing Plate | 1200* | 1 |
| 2 | Pivot Pin - Swing Plate | 1225 | 1 |
| 3 | Retaining Ring - Swing Plate Pivot Pin | 1048 | 1 |
| 4 | Collar-Swing Plate Pivot Pin | 1226 | 1 |
| 5 | Screw-Swing Plate Pivot Pin Collar-Set | 1049 | 1 |
| 6 | Bracket-Swing Plate-Support | 1228 | 1 |
| 7 | Screw-Swing Plate Support Bracket | 1103 | 2 |
| 8 | Attaching Washer (Flat)-Swing Plate Support: | | |
| | Bracket Screw | 1230 | 2 |
| 9 | Washer (Lock)-Swing Plate Support | 1229 | 2 |
| | Bracket Screw | | |
| 10 | Stop Pin Assembly | 5015 | 1 |
| 11 | Stop Plate | 1227 | 1 |
| 12 | Screw-Stop Plate Attaching | 1052 | 1 |
| 13 | Washer - Stop Plate Attaching Screw | 1053 | 1 |
| 14 | Screw-Stop Pin Lock | 1051 | 1 |
| 15 | Screw-Swing Plate Pivot Pin-Lock | 1051 | 1 |

*A smaller plate for special work, such as infants' wear is available as an option, Specify Part Number 1360.

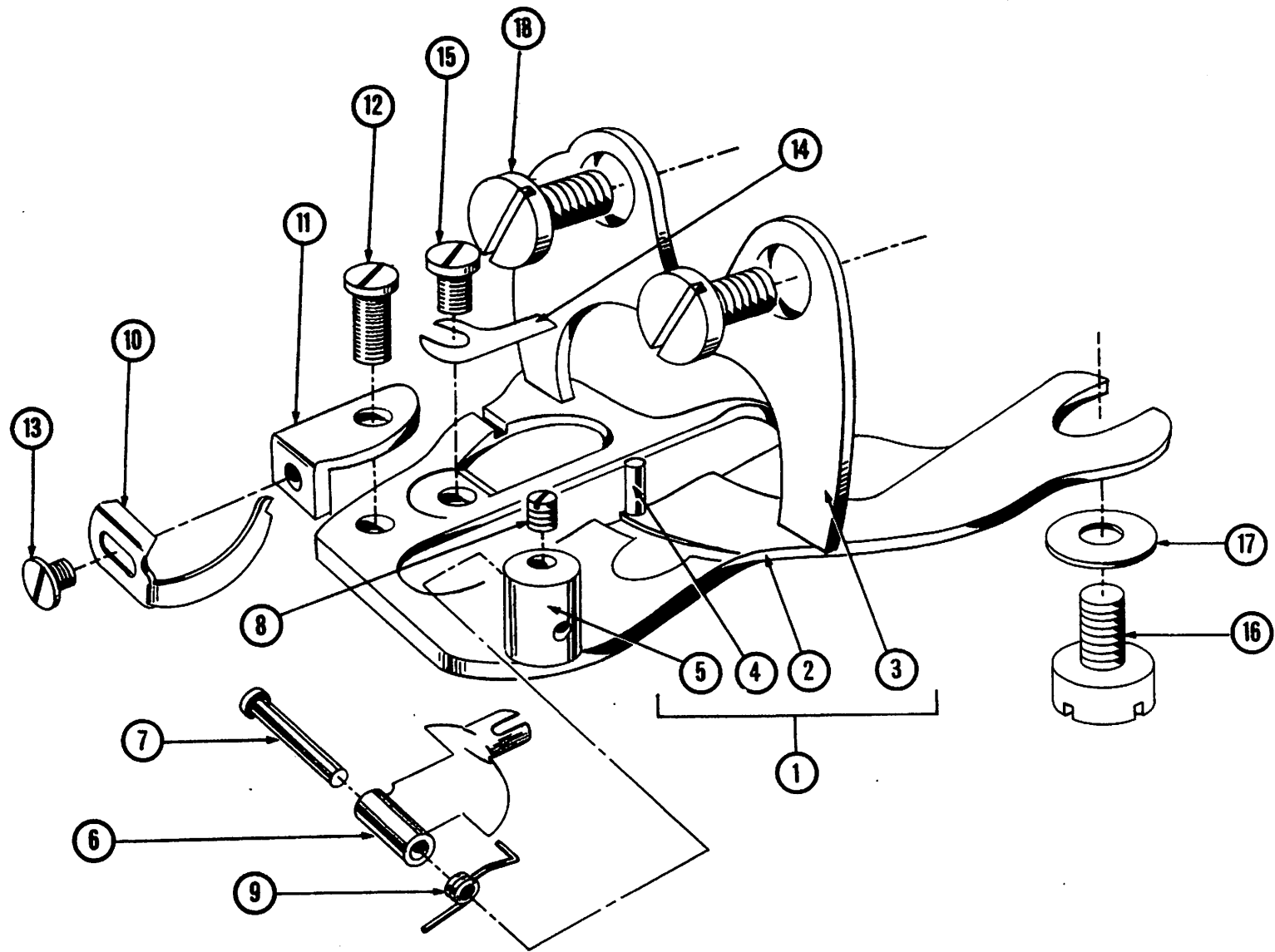
1A DO NOT USE REFERENCE NUMBERS WHEN ORDERING PARTS.



Front Plate Group

PRESSERFOOT GROUP

| REFERENCE NO. | DESCRIPTION | PART NO. | QTY. THIS APPLICATION |
|------------------|---------------------------------------|-------------|--------------------------|
| 1 | Presserfoot Assembly | 6191 | 1 |
| 2 | Presserfoot | 2301 | 1 |
| 3 | Bridge | 1241 | 1 |
| 4 | Chain Off Pin | 1315 | 1 |
| 5 | Shoe Post | 1233 | 1 |
| 6 | Shoe-Presserfoot | 2503 | 1 |
| 7 | Pivot Pin-Presserfoot Shoe | 1235 | 1 |
| 8 | Screw-Presserfoot Shoe Pivot Pin-Set | 1106 | 1 |
| 9 | Spring-Presserfoot Shoe | 1239 | 1 |
| 10 | Front Guide | 2600 | 1 |
| 11 | Holder-Front Guide | 5028 | 1 |
| 12 | Screw-Front Guide Holder Attaching | 1099 | 1 |
| 13 | Nut-Front guide to Front Guide Holder | 1283 | 1 |
| 14 | Needle Guide | 1238 | 1 |
| 15 | Needle Guide Attaching Screw | 1122 | 1 |
| 16 | Presserfoot Clamp Screw | 1108 | 1 |
| 17 | Presserfoot Clamp Screw Washer | 1054 | 1 |
| 18 | Presserfoot Bridge Screw | 1107 | 2 |



Presser Foot Group