



**BASIC and SPECIAL PARTS  
FOR U.S. "88 SERIES"  
BLIND STITCH MACHINES**

88-CS, 88-CS-5, 88-CD, 88-G,  
88-KS, 88-FP, 88-PB, 88-R, 88-BS,  
88-WB, 88-BL, 88-T, 89, 89-1.

**IMPORTANT**

**It is always advisable to state  
the model number of your  
machine when ordering parts.**

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# YOU CAN DEPEND ON U. S. SERVICE

Simplicity of construction is the keynote of U. S. Blind Stitch Machines. Every effort has been made to simplify the use of this catalogue so that each machine part can be easily identified.

Seldom does a U. S. Machine get out of order, because it is rugged and uncomplicated in construction and there are many years of practical experience behind it. Instructions are simply given and if an ordinary amount of knowledge is used, very little mechanical skill is necessary. You are sure to be more than pleased with quantity and quality of production you receive from your U. S. Machines.

When Ordering Parts  
BE SURE to  
Specify Model of Machine

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## VERY IMPORTANT

To assure the proper operation of U. S. Machines, use GENUINE U. S. NEEDLES ONLY, this is the wise way to avoid trouble, loss of valuable time, costly repairs and assures the best results.

### BE EXTREMELY CAREFUL TO ORDER CORRECT NEEDLE SIZES.

Standard Needle Sizes Used in These Models

#10, #15, #20, #25, #30, #35

On all synthetic materials we recommend  
#10, #15, #20,

On all other materials,  
#25, #30, #35

Each needle has its size stamped on the shank.  
U. S. B. S. is stamped on all U. S. needles.

### THROW AWAY DULL OR HOOKED NEEDLE

Good results are obtained only by using a sharp needle. While U. S. needles give extra long service, they do, eventually, become dull. Then discard and insert a new U. S. needle of the proper size.

### HOW TO INSERT NEW NEEDLE CORRECTLY

To take out the old needle, slightly loosen the clamp screw where the needle sets. Before inserting the new needle, turn the Radio Dial Knob to the right a sufficient number of times so the needle is entirely clear of the rib. To insert a new needle: push it up into the groove as far as it will go and tighten the screw, then turn the dial back slowly until you reach the required penetration. It is easy to operate the Radio Dial Knob which regulates needle penetration.

Be Sure the Needle You Use Has Genuine U. S. Trademark on the Shank, on the Box and on the Envelope.

## THE DIAL

The dial, of course, must be adjusted to the thickness of the fabric, so that the stitch will be regular and even. If the needle fails to catch on the right side of the material, or bottom layer, turn the dial a little at a time to the left, as the arrow points to "MORE". Run a few stitches to test. If the needle point goes down too deep and shows too much impression on the right side of the material, turn the dial to the right as the arrow points to "LESS". Then test until you have the right penetration. Only a little patience is required for skilled adjusting.

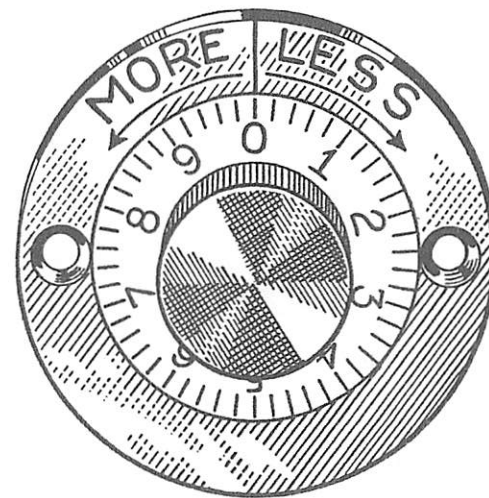
### GUIDE FOR PROPER NEEDLE PENETRATION



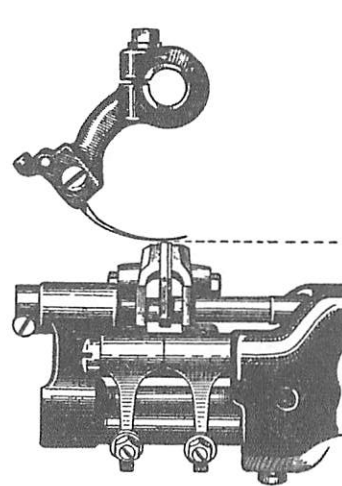
Dial Showing "MORE"



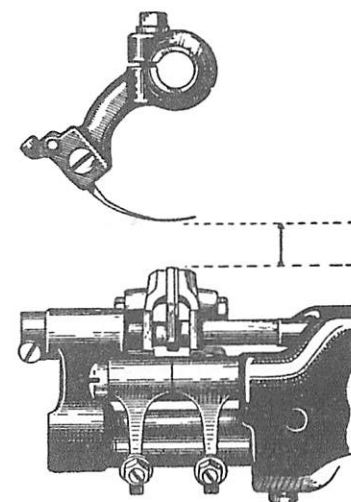
Dial Showing "LESS"



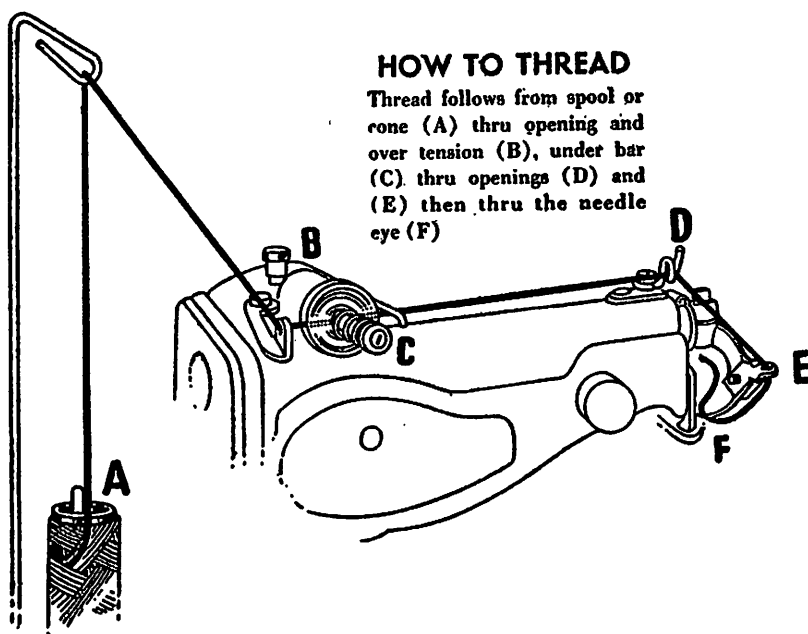
NEW TYPE DIAL NOW USED ON U. S. MACHINES



Rib Shaft Adjustment  
for "MORE"



Rib Shaft Adjustment  
for "LESS"



### THREAD BREAKAGE: HOW TO AVOID

See that the machine is threaded properly, as improper threading causes breakage. The thread should feed firmly, but without pull or interruption. If the stitch is loose, turn the tension nut (C) toward you. If the thread travels too tightly, shirring the material, or if it breaks, turn the tension nut (C) away from you which will loosen tension of the spring.

After substantial service, the needle will be inclined to cut a sharp edge in the groove of the needle guide, causing thread breakage. When this occurs, we suggest replacing needle guide: part #47.

Sometimes a groove will be caused in the opening of needle clamp (E) by constant thread friction; this also will cause thread breakage. You can avoid this by changing needle clamp: part #36.

### OIL IS THE LIFE OF THE MACHINE

Be **SURE** to oil every movable part wherever oil cups or open holes are located **EVERY DAY**, especially when the machine is new. When oiling, insert the oil spout firmly. Use proper lubricating oil.

By observing these simple instructions, you will secure satisfactory results from your machine. If you do run into any trouble, get in touch with our main office, or the representative from whom you bought the machine.

### HAND WHEEL

The hand wheel must always turn **away** from the operator.

### SPEED

Speed of the machine depends on the model. On all machines, we recommend speed from 2,000 to 3,000 stitches per minute.

### WARNING

**Very Important: Do not mount machine on high speed motors.**

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## **REPLACING LOOPER**

Replacing of the looper (part #22) is of utmost importance and the principle is the same on all machines.

Loosen the screw and remove the old looper. Insert new looper in the same slot and turn with fingers so that the looper is straight and the needle enters between the prongs of the looper clearing the looper prongs without touching either one. Then turn hand wheel slowly away from you until the looper reaches the far right side of the presser foot where the looper should clear the needle just in front of the needle eye and needle is under the looper without touching it. Then when looper goes to left side also, see that it clears the needle guide. Tighten looper screw to hold looper in position. Make certain that the looper does not touch the feeder.

If, for some reason, you are not able to adjust the looper in the proper position, note that on the right side of machine is the eccentric block (part #21). Here are three set screws which hold assembly unit of the entire looper in position. By loosening these three screws, you may raise or lower looper to desired position. When the looper is finally in correct position, be sure to tighten the screws again.

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## **REPLACING FEEDER**

To replace feeder (part #43), remove only front screw of feed lever and loosen inner screw. Remove the broken or worn feeder from feed lever and replace with new one. After new feeder is in place, move hand wheel away from you to determine that looper clears above feeder; if they do touch, press feeder down with finger until the looper clears and tighten screws on feed lever.

## **D O N T ' S**

Do not rest on knee lifter. Be sure that the knee does not touch the knee lifter while the machine is in operation.

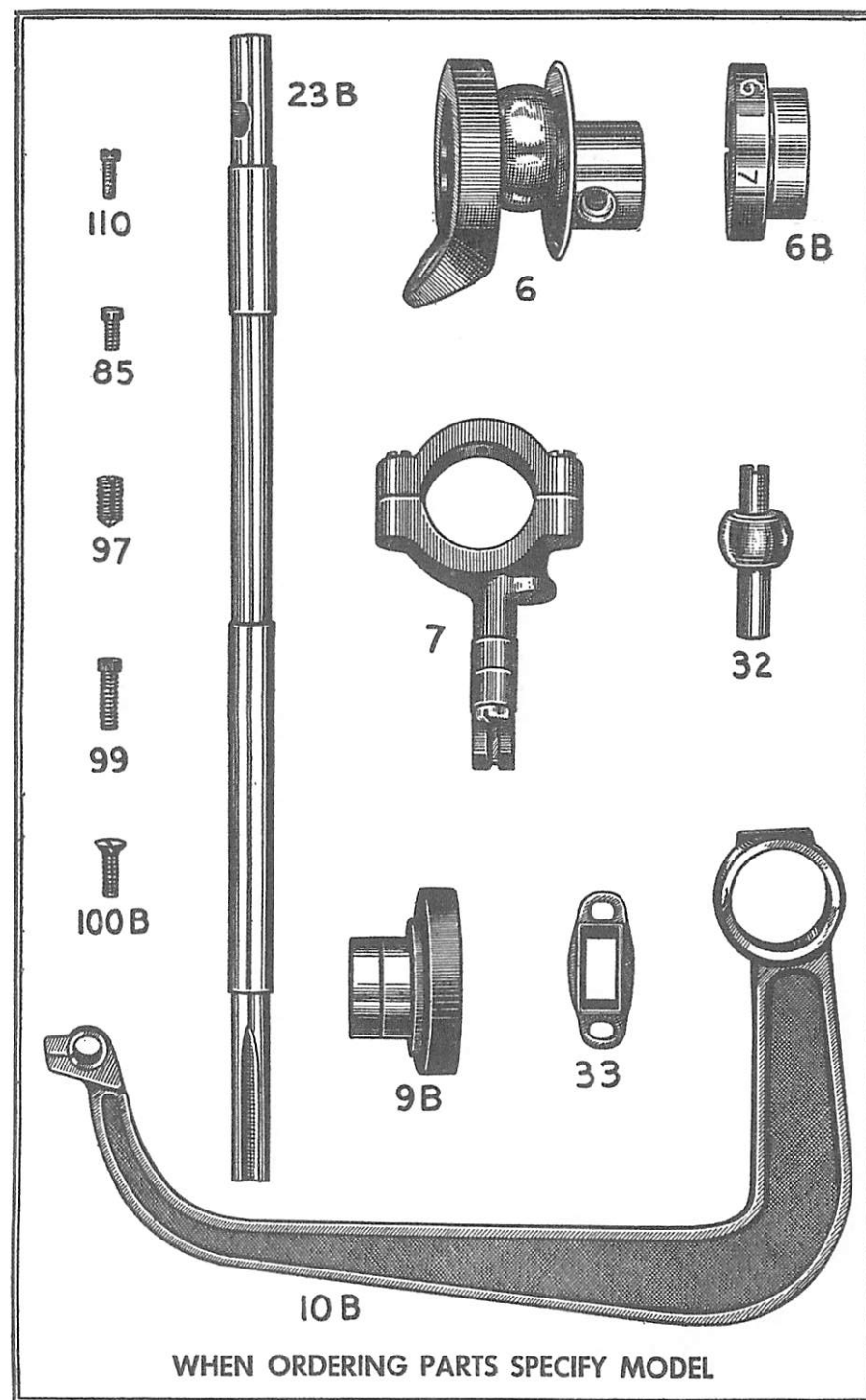
Do not try to help the machine by pulling the fabric, lest you bend the needle. The machine feeds the work without assistance.

When removing the work from the machine, be sure that the needle is out of the cloth.

Do not run the machine without cloth.

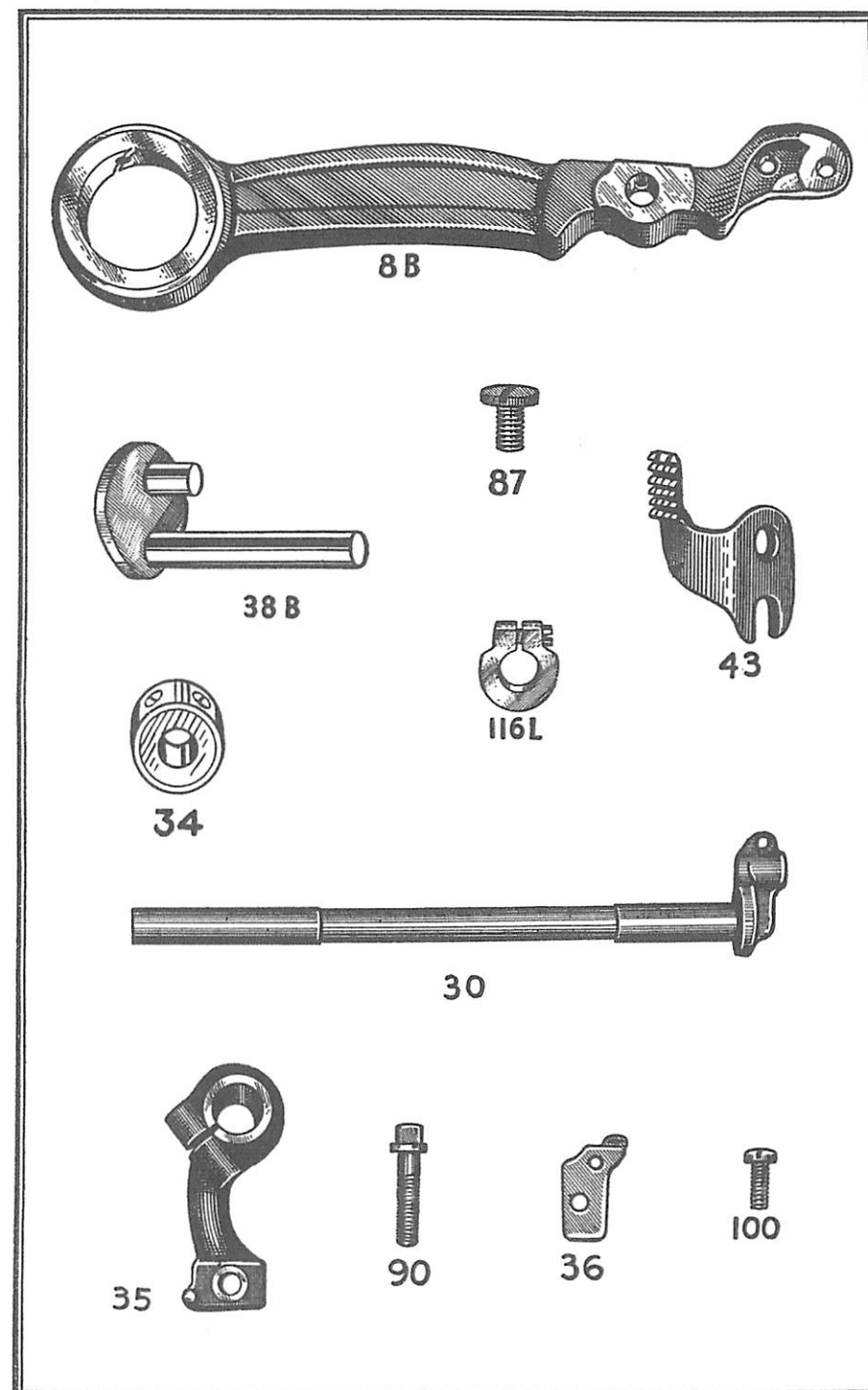


| NUMBER | NAME                       |
|--------|----------------------------|
| 6      | Feed Eccentric             |
| 6-B    | Stitch Regulating Collar   |
| 7      | Needle Connection          |
| 9-B    | Rib Lever Eccentric        |
| 10-B   | Rib Connection Lever       |
| 23-B   | Main Shaft                 |
| 32     | Eccentric Ball Stud        |
| 33     | Eccentric Ball Guard       |
| 85     | Rib Lever Eccentric Screw  |
| 97     | Feed Eccentric Screw       |
| 99     | Needle Connection Screw    |
| 100-B  | Rib Lever Clamp Screw      |
| 110    | Eccentric Ball Guard Screw |

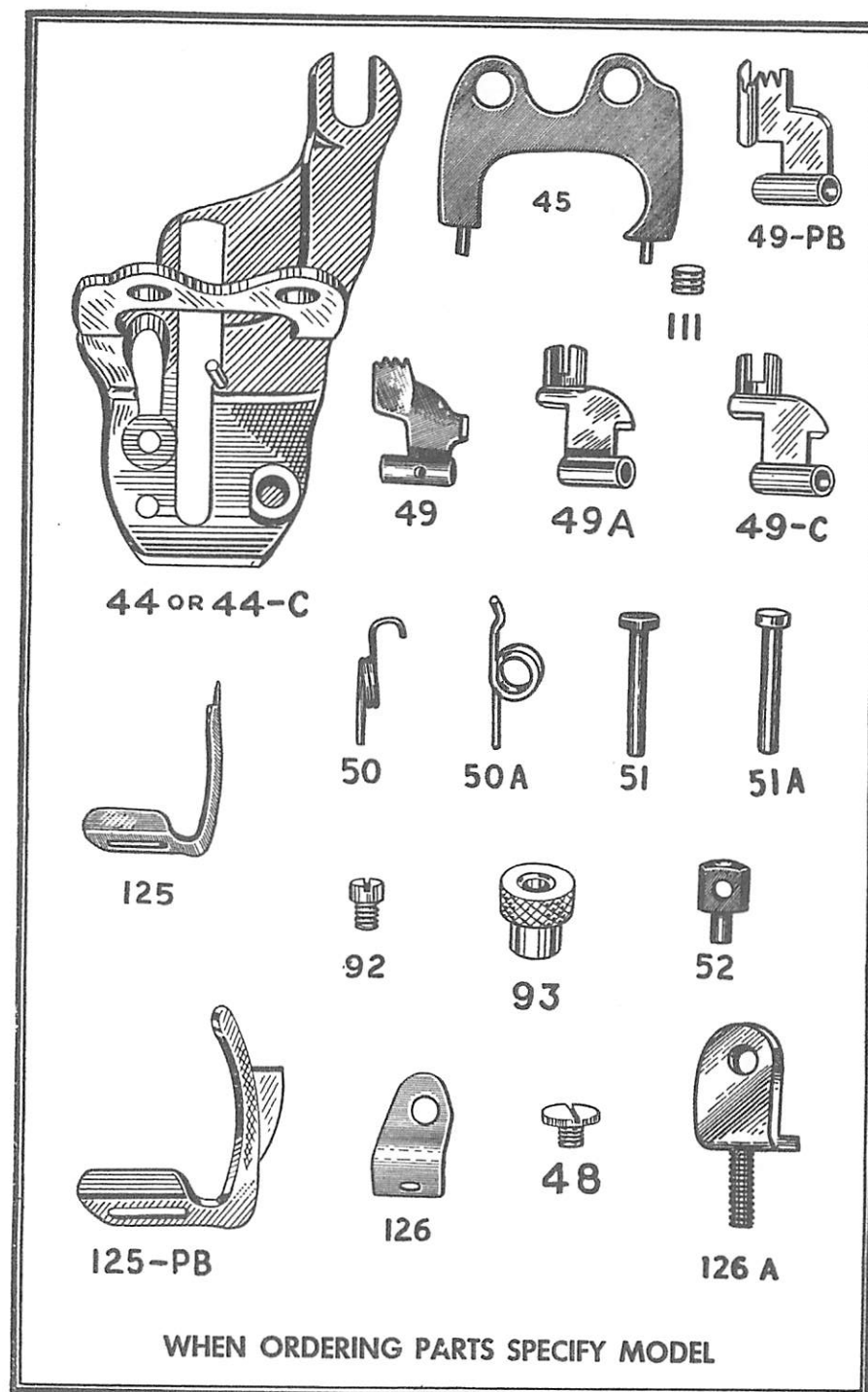


WHEN ORDERING PARTS SPECIFY MODEL

| NUMBER | NAME                         |
|--------|------------------------------|
| 8-B    | Feed Lever                   |
| 30     | Needle Shaft                 |
| 34     | Needle Shaft Clamp Collar    |
| 35     | Needle Lever                 |
| 36     | Needle Clamp                 |
| 38-B   | Feed Lever Rocker Pin        |
| 43     | Feeder                       |
| 87     | Feeder Screw                 |
| 90     | Needle Lever Clamp Screw     |
| 100    | Needle Clamp Screw           |
| 100    | Needle Shaft Crank Screw     |
| 116-L  | Feed Lever Rocker Pin Collar |

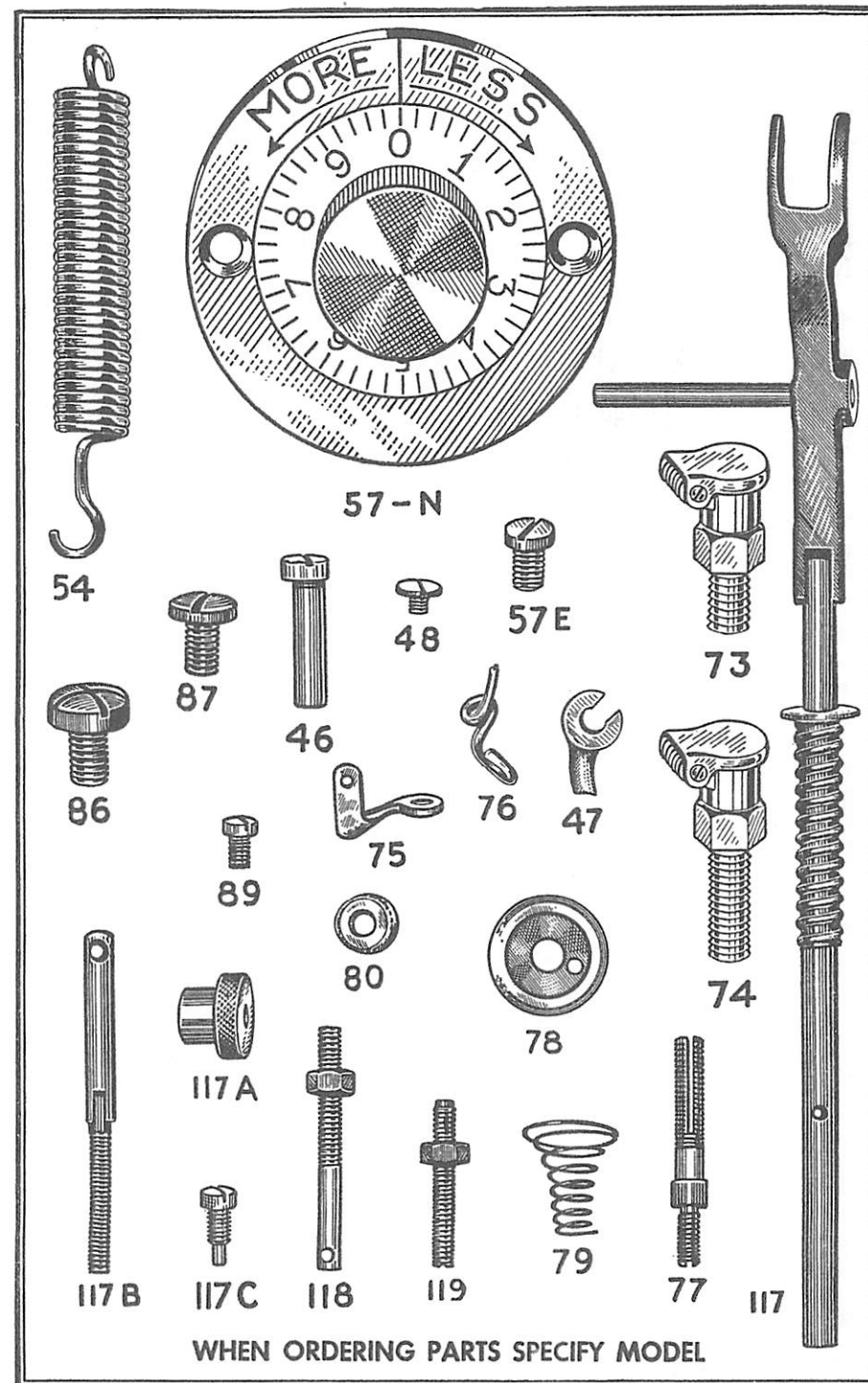


- 44 Presserfoot for Models 88-CD and 88-FP
- 44-C Presserfoot for Models 88-CS, 88-KS, 88-G, 89-1  
88-CS-5
- 44-PB Presserfoot for Model 88-PB (not illustrated)
- 45 Presserfoot Brace
- 48 Front Guide Holder Front Screw
- 49 Presserfoot Shoe (Models 88-FP, 88-G, 89, 89-1)
- 49-A Presserfoot Shoe Model 88-CD only
- 49-C Presserfoot Shoe (Models 88-CS, 88-CS-5 and 88-KS)
- 49-PB Presserfoot Shoe (Model 88-PB only)
- 50 Presserfoot Shoe Spring (Models 88-FP, 88-G,  
88-PB, 89, 89-1)
- 50-A Presserfoot Shoe Spring (Models 88-CD, 88-KS,  
88-CS and 88-CS-5)
- 51 Presserfoot Shoe Pin (Models 88-FP, 88-G,  
88-PB, 89, 89-1)
- 51-A Presserfoot Shoe Pin (Models 88-CD, 88-KS,  
88-CS and 88-CS-5)
- 52 Presserfoot Shoe Stud
- 92 Front Guide Holder Top Screw
- 93 Front Guide Holder Nut
- 111 Shoe Pin Holder Screw
- 125 Front Guide
- 125-PB Front Guide (Model 88-PB only)
- 126 Front Guide Holder
- 126-A Front Guide Holder

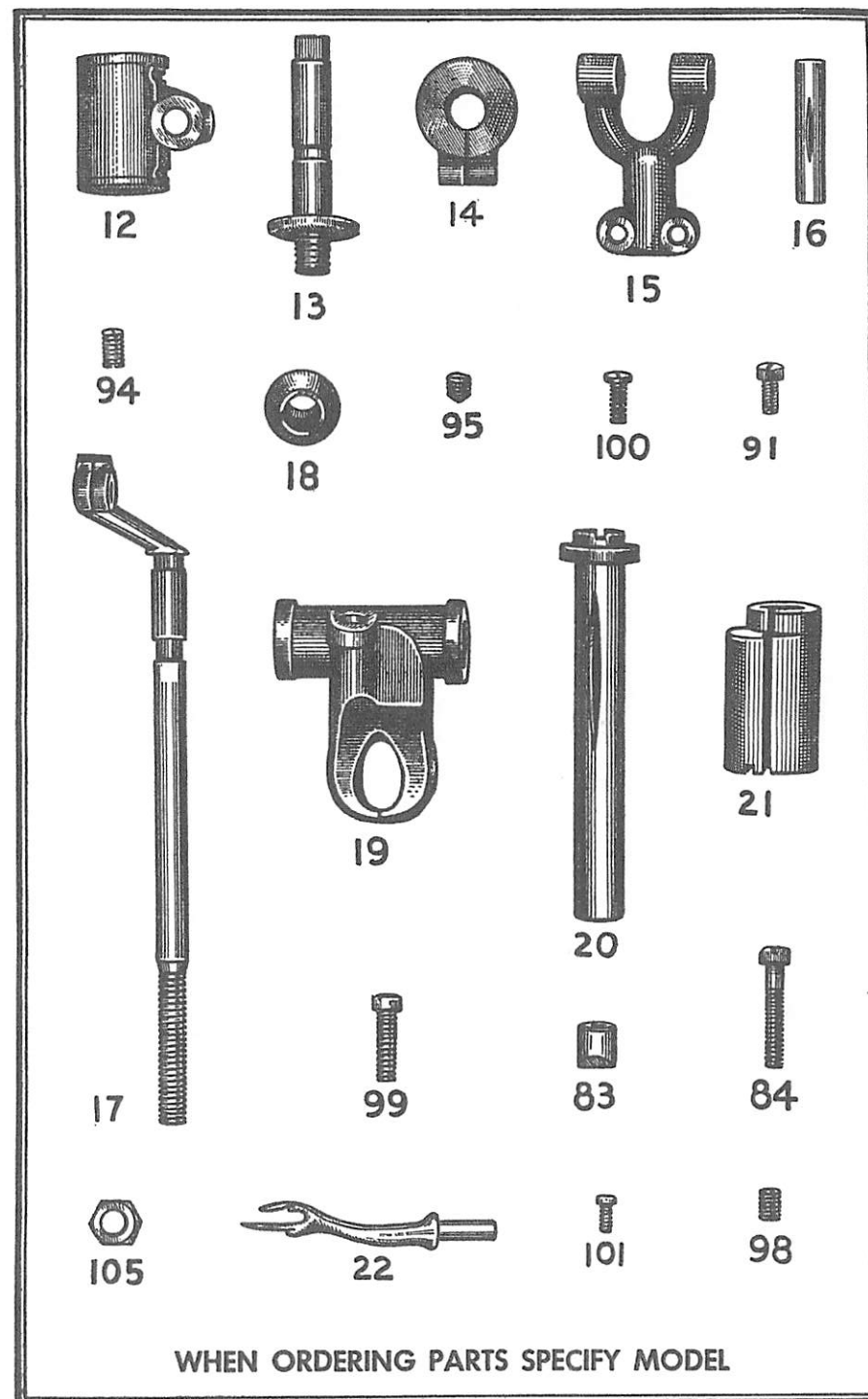




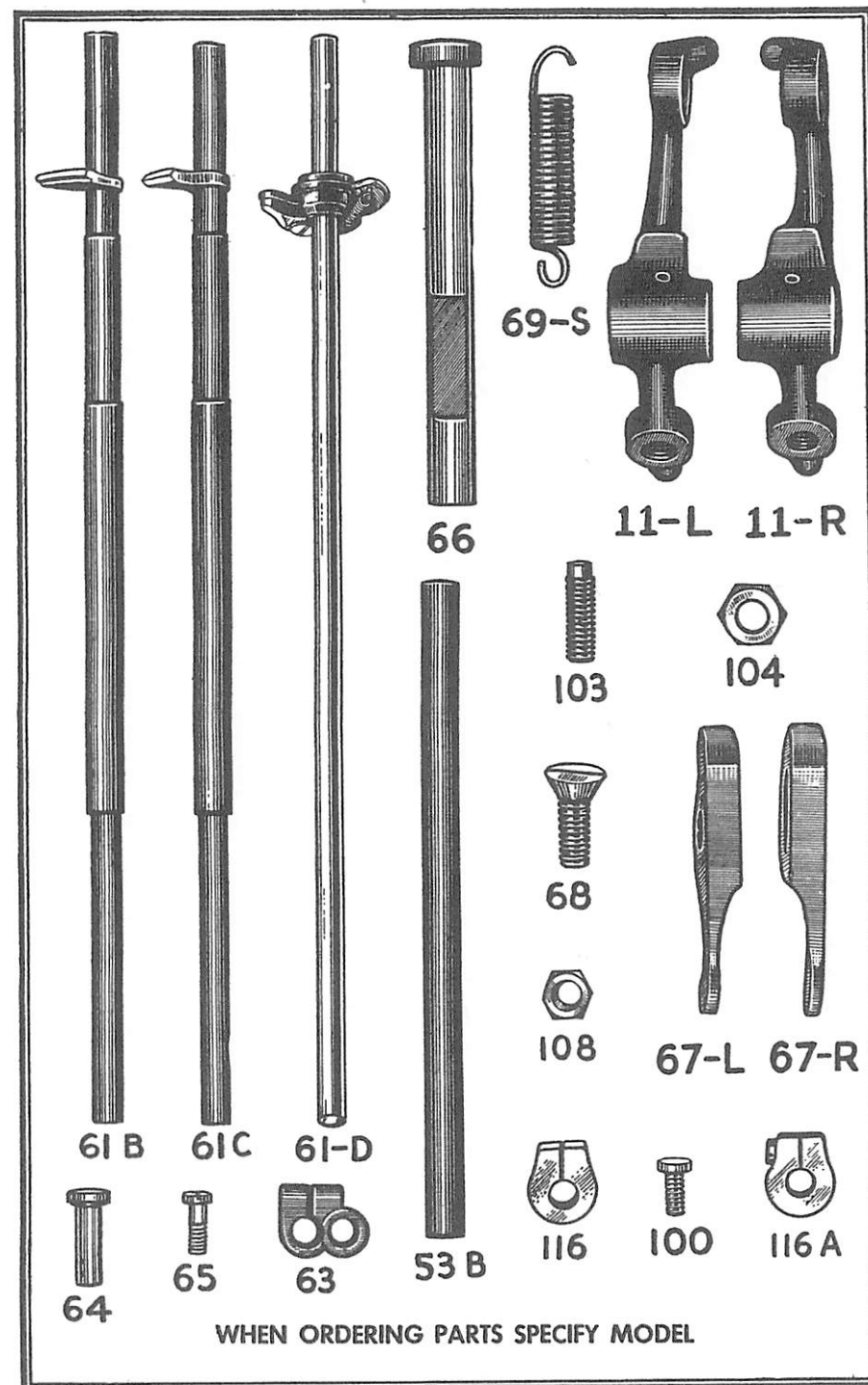
| NUMBER | NAME                             |
|--------|----------------------------------|
| 46     | Presserfoot Eccentric Pin        |
| 47     | Needle Guide                     |
| 48     | Needle Guide Screw               |
| 54     | Main Spring                      |
| 57-N   | Regulating Knob                  |
| 57-E   | Regulating Knob Screw            |
| 73     | Oil Cup                          |
| 74     | Oil Cup                          |
| 75     | Rear Thread Guide                |
| 76     | Front Thread Guide               |
| 77     | Tension Stud                     |
| 78     | Tension Disc                     |
| 79     | Tension Spring                   |
| 80     | Tension Nut                      |
| 86     | Presserfoot Clamp Screw          |
| 87     | Presserfoot Brace Screw          |
| 89     | Thread Guide Screw               |
| 117    | Regulating Fork and Rod Complete |
| 117-A  | Spring Knob                      |
| 117-B  | Spring Link                      |
| 117-C  | Main Spring Lock Screw           |
| 118    | Main Spring Screw and Nut        |
| 119    | Feed Frame Limit Screw & Nut     |



| NUMBER | NAME                           |
|--------|--------------------------------|
| 12     | Looper Rod Sleeve              |
| 13     | Looper Rod Sleeve Stud         |
| 14     | Looper Rod Sleeve Clamp Collar |
| 15     | Looper Rod Fork                |
| 16     | Looper Rod Fork Pin            |
| 17     | Looper Rod                     |
| 18     | Looper Rod Ball                |
| 19     | Looper Rod Carrier             |
| 20     | Looper Rod Carrier Stud        |
| 21     | Eccentric Block                |
| 22     | Looper                         |
| 83     | Eccentric Block Clamp          |
| 84     | Eccentric Block Clamp Screw    |
| 91     | Looper Fork Clamp Screw        |
| 94     | Looper Sleeve Pin Screw        |
| 95     | Looper Rod Ball Screw          |
| 98     | Eccentric Block Screw          |
| 99     | Looper Rod Carrier Clamp Screw |
| 100    | Sleeve Collar Clamp Screw      |
| 101    | Looper Clamp Screw             |
| 105    | Looper Rod Nut                 |



| NUMBER | NAME  |
|--------|---|
| 11-L   | Left Platten Bracket  |
| 11-R   | Right Platten Bracket   |
| 53-B   | Feed Frame Shaft  |
| 61-B   | Rib Shaft U Shape for<br>(Models 88-FP and 88-PB for alterations)       |
| 61-C   | Rib Shaft V Shape for<br>(Models 88-CD, 88-CS, 88-CS-5)                 |
| 61-D   | Rib Shaft Spring Loaded for<br>Models 88-G and 88-PB factory model only |
| 61-KS  | Rib Shaft for Model 88-KS only (not illustrated)                        |
| 63     | Rib Shaft Crank   |
| 64     | Rib Shaft Crank Stud  |
| 65     | Rib Shaft Crank Clamp Stud  |
| 66     | Bracket Stud  |
| 67-L   | Left Platten  |
| 67-R   | Right Platten   |
| 68     | Platten Screw   |
| 69-S   | Platten Spring  |
| 100    | Rib Shaft Collar Clamp Screw  |
| 103    | Bracket Limit Screw   |
| 104    | Bracket Limit Screw Nut   |
| 108    | Platten Screw Nut   |
| 116    | Left Rib Shaft Collar   |
| 116-A  | Right Rib Shaft Collar  |

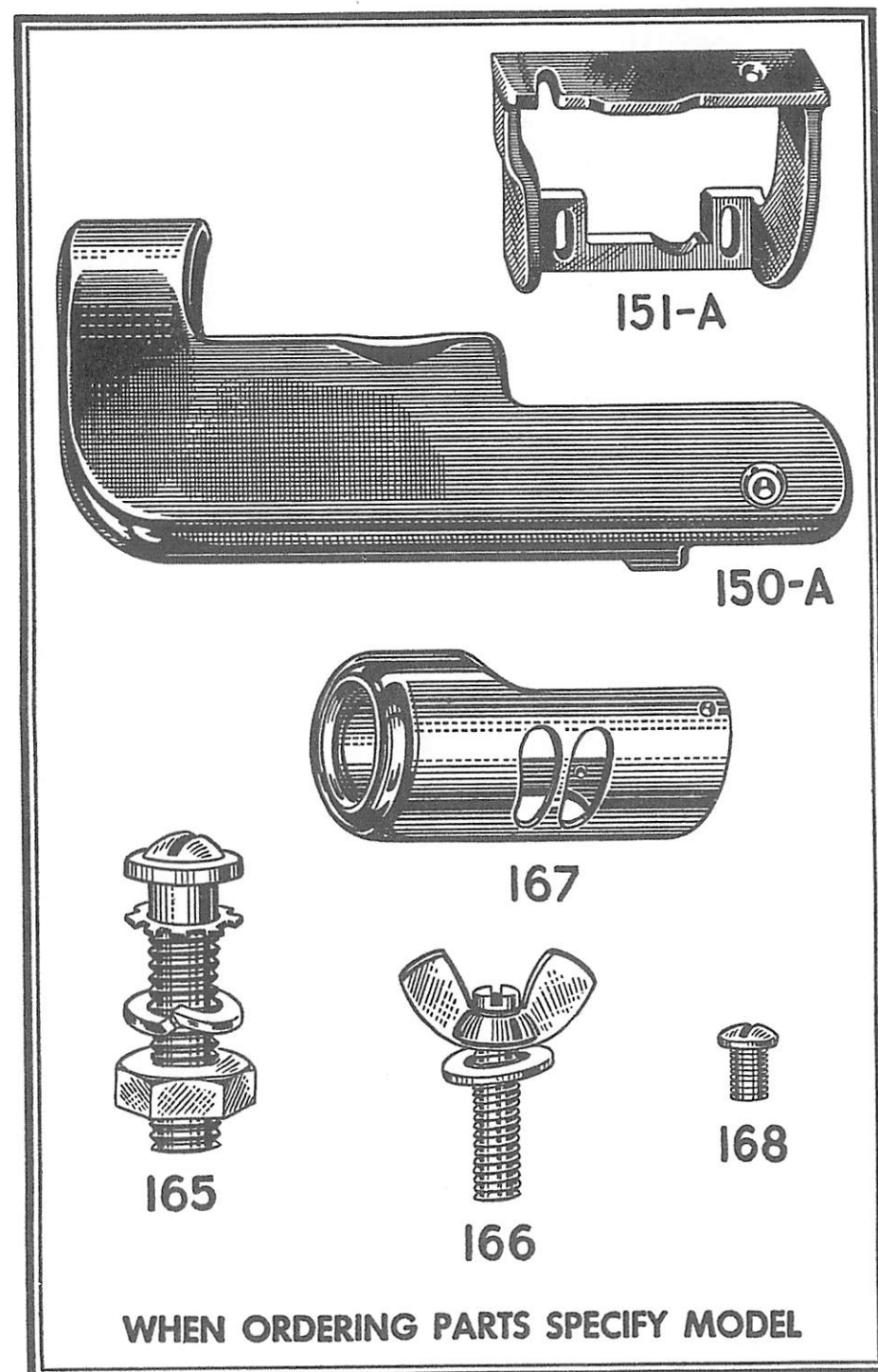




These parts are found in these models only.

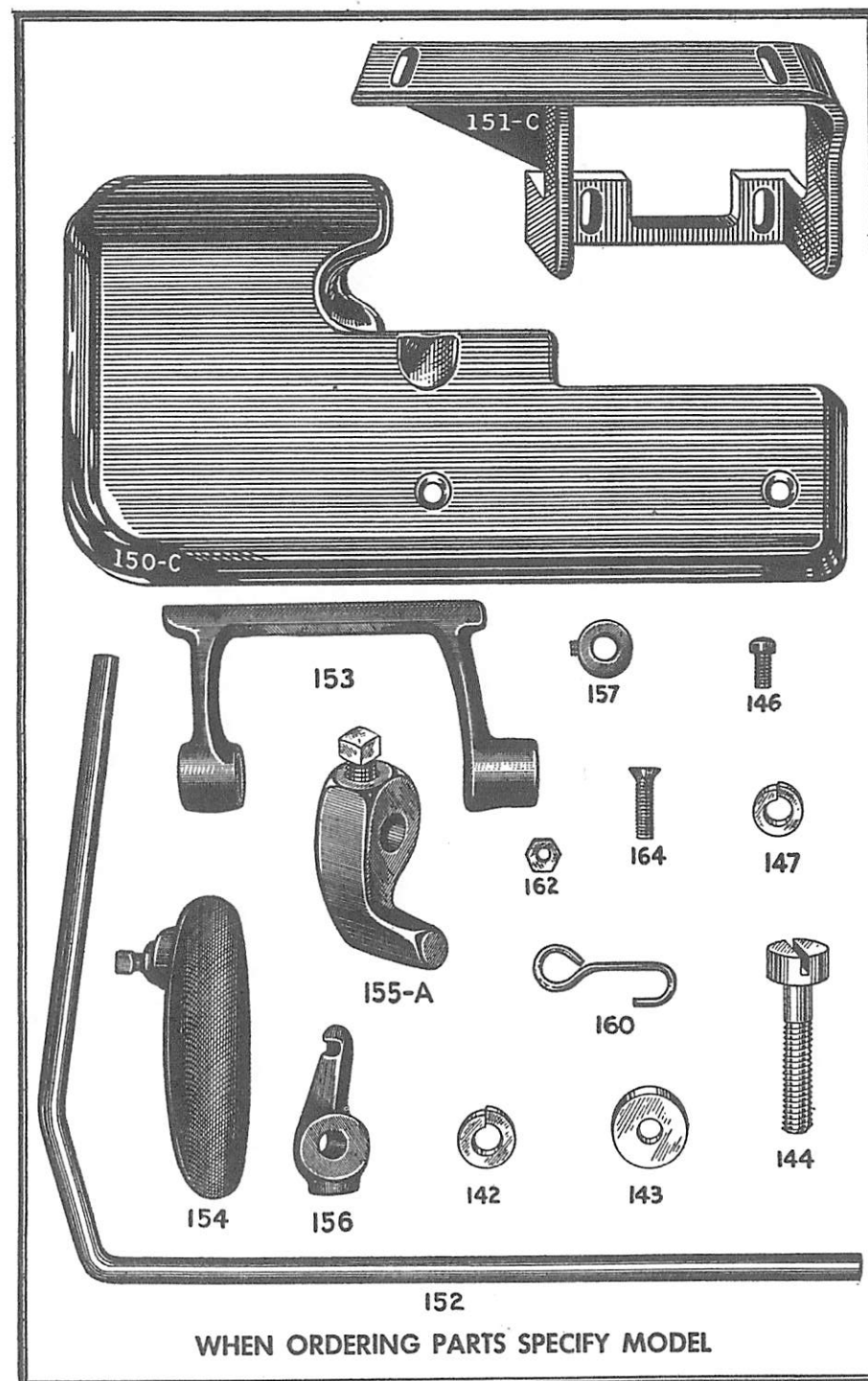
Models 88-G, 88-CD, 88-CS, 88-KS, 88-PB

| NUMBER | NAME  |
|--------|---|
| 150-A  | Swing Plate                                   |
| 151-A  | Swing Plate Bracket                           |
| 165    | Swing Plate Pivot Stud and Nut Complete       |
| 166    | Swing Plate Lock Screw and Wing Nut           |
| 167    | Cylinder                                      |
| 167-5  | Small Cylinder 88-CS-5 only (not illustrated) |
| 168    | Cylinder Screw                                |



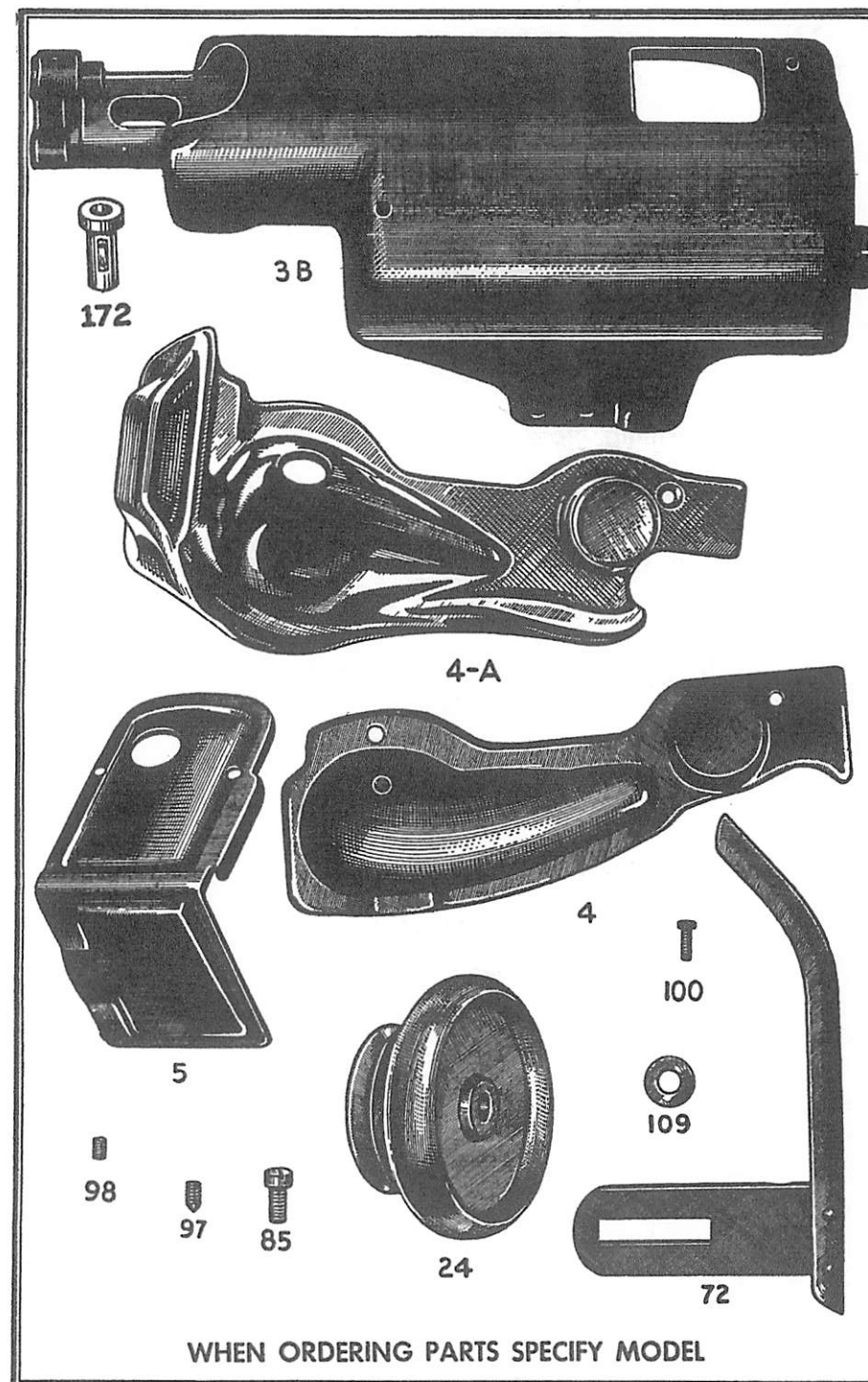


| NUMBER | NAME  |
|--------|---|
| 142    | Supporting Bracket Lock Washer                              |
| 143    | Supporting Bracket Washer                                   |
| 144    | Supporting Bracket Screw                                    |
| 146    | Knee Lifter Bracket Screw                                   |
| 147    | Knee Lifter Bracket Lock Washer                             |
| 150-B  | Front Plate for Models 88-BS and 88-FP<br>(not illustrated) |
| 150-C  | Front Plate for Model 88-WB only                            |
| 151-C  | Front Plate Bracket for Models 88-WB, 88-FP and<br>88-BS    |
| 152    | Knee Lifter Rod   |
| 153    | Knee Lifter Bracket   |
| 154    | Knee Pedal  |
| 155-A  | Knee Lifter Stop Bracket                                    |
| 156    | Lifting Bracket   |
| 157    | Knee Lifter Rod Support Collar                              |
| 160    | Knee Lifter Stop Bracket Hook                               |
| 162    | Front Plate Screw Nut                                       |
| 164    | Front Plate Screw   |



WHEN ORDERING PARTS SPECIFY MODEL

- 3-B     Feed Frame
- 4       Side Cover
- 4-A     Side Cover and Back Cover Combined
- 5       Back Cover
- 24      Hand Wheel
- 24-V    Hand Wheel V Belt Drive (not illustrated)
- 72      Belt Guard
- 85      Belt Guard Screw
- 97      Hand Wheel Screw
- 98      Hand Wheel Screw
- 100     Cover Screw
- 109     Belt Guard Washer
- 172     Left and Right Feed Frame Bushing

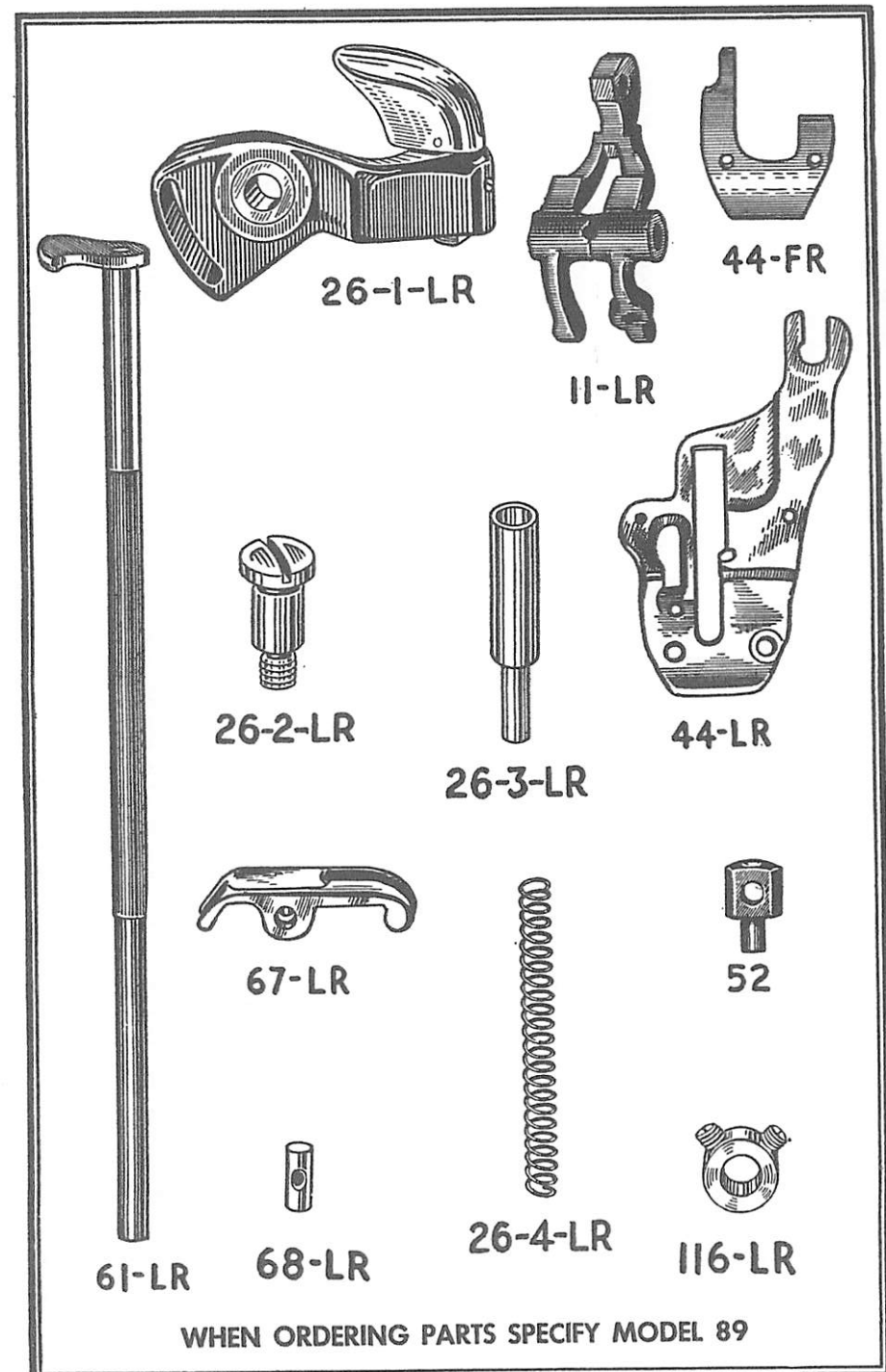


WHEN ORDERING PARTS SPECIFY MODEL



**MODEL 89 ONLY**

- 11-LR Platten Bracket
- 26-1-LR Forming Nose and Bracket Complete
- 26-2-LR Forming Nose and Bracket Stud
- 26-3-LR Forming Nose and Bracket Releasing Pin
- 26-4-LR Forming Nose and Bracket Releasing Spring
- 44-FR Forming Plate
- 44-LR Presserfoot
- 52 Presserfoot Shoe Stud
- 61-LR Rib Shaft (Models 89 and 89-1)
- 67-LR Platten
- 68-LR Platten Pin
- 116-LR Left Side Rib Shaft Collar



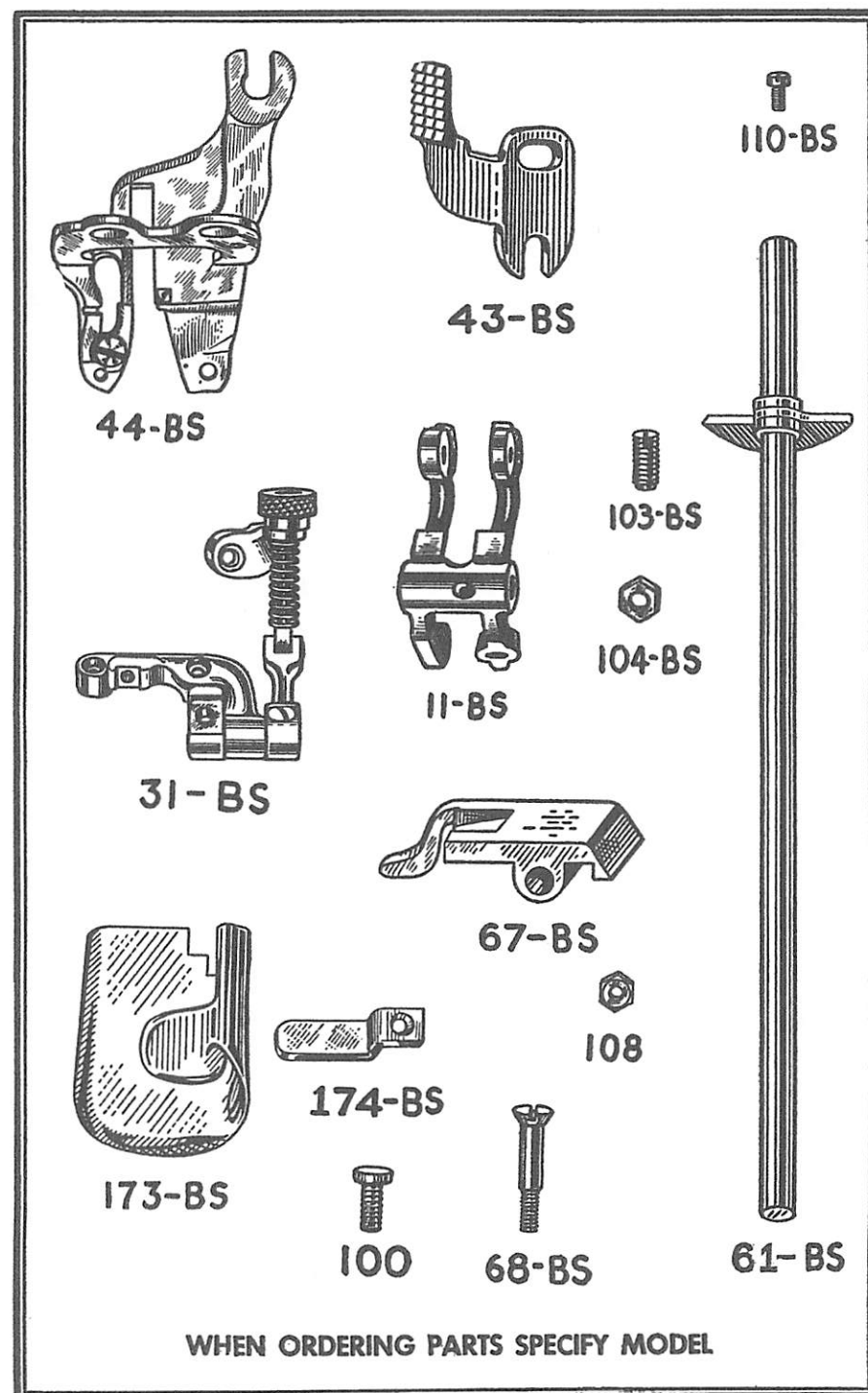
### MODEL 88-BS ONLY

- 11-BS Platten Bracket
- 31-BS Hemmer Bracket Complete
- 43-BS Feeder
- 44-BS Presserfoot specify size of hemmer
- 61-BS Rib Shaft
- 67-BS Platten
- 68-BS Platten Stud
- 100 Hemmer Bracket Screw
- 103-BS Platten Bracket Limit Screw
- 104-BS Platten Bracket Limit Screw Nut
- 108 Platten Stud Nut
- 110-BS Bridge Bracket Screw
- 173-BS Hemmer (Specify size and width)

### **VERY IMPORTANT**

When ordering hemmer, please specify the size and whether A, B or C—as marked on the old hemmer.

- 174-BS Hemmer Side Bracket

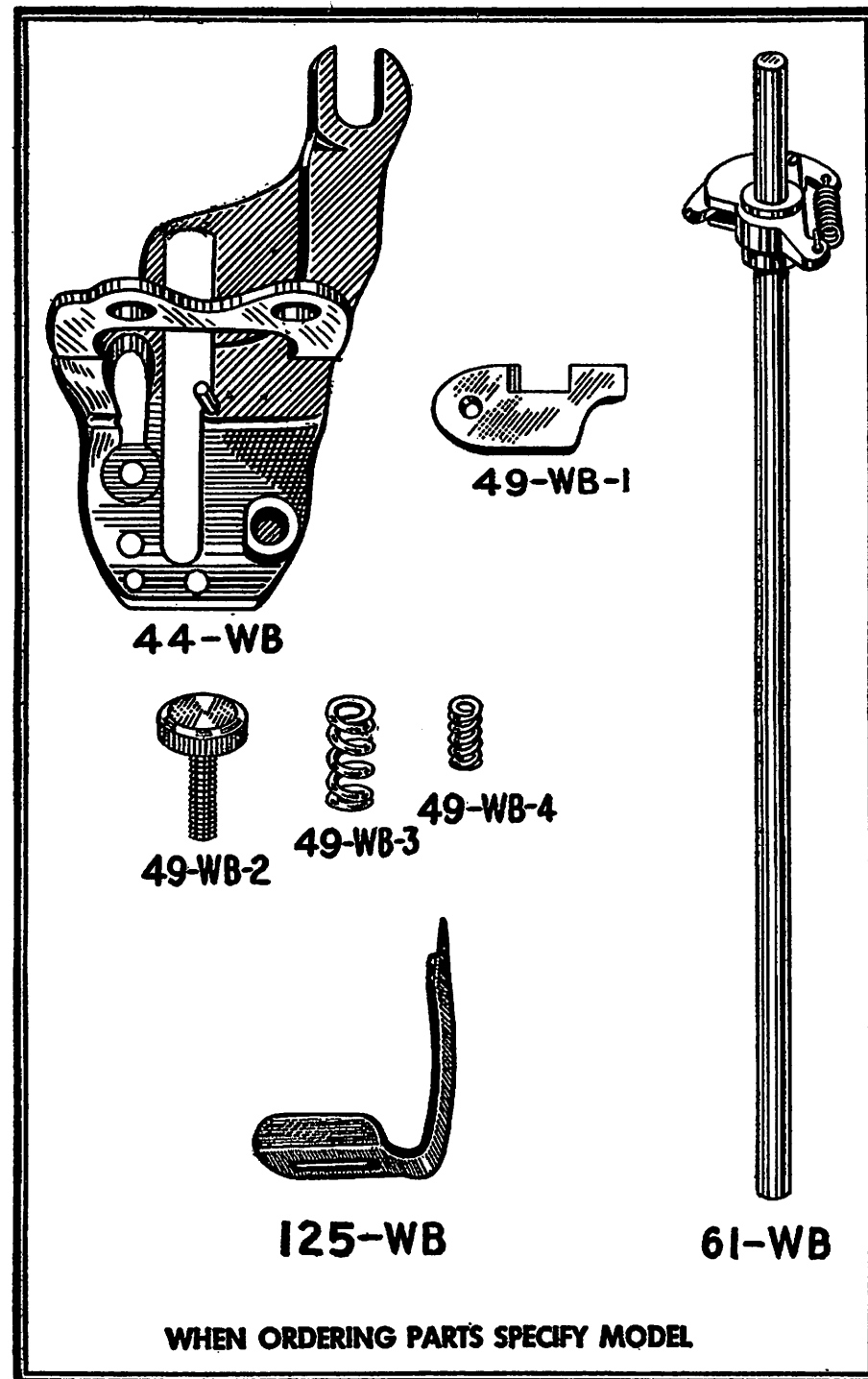


**WHEN ORDERING PARTS SPECIFY MODEL**



**MODEL 88-WB ONLY**

- 44-WB Presserfoot
- 49-WB-1 Compensating Shoe
- 49-WB-2 Compensating Shoe Regulating Knob
- 49-WB-3 Compensating Shoe Top Spring
- 49-WB-4 Compensating Shoe Bottom Spring
- 61-WB Rib Shaft Spring Loaded
- 125-WB Front Guide



# **MODEL 88-BL ONLY**

|         |  |
|---------|--|
| 11-BL   | Platten Bracket                                      |
| 43-BL   | Feeder   |
| 44-BL   | Presserfoot. State size of hemmer                    |
| 61-BL   | Rib Shaft  |
| 67-BL   | Platten  |
| 68-BL   | Platten Stud   |
| 69-BL   | Platten Spring                                       |
| 91      | Hemmer Screw for 173-BLP                             |
| 91-BL   | Hemmer Screw for 173-BL                              |
| 100     | Hemmer Bracket Screw                                 |
| 103-BL  | Platten Bracket Limit Screw                          |
| 104-BL  | Platten Bracket Limit Screw Nut                      |
| 108     | Platten Stud Nut                                     |
| 173-BL  | Hemmer   |
| 173-BLP | Hemmer—for plain machine without trimming attachment |

When ordering hemmer, please specify the size and whether A or B—as marked on the old hemmer.

