

INSTRUCTIONS and PARTS BOOK

for

U. S. Blind Stitch Machines

Model 88-R



U. S. BLIND STITCH MACHINE CORP.

312 SEVENTH AVENUE

•

NEW YORK 1, N. Y.

Lackawanna 4-9144-5-6

From the library of: Superior Sewing Machine & Supply LLC

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S U P P L E M E N T

TO PARTS CATALOGUE

FOR U.S. MODEL

88-R

BLIND STITCH MACHINE

THIS SUPPLEMENT CONTAINS PARTS

EXCLUSIVE TO THE U.S. MODEL

600

BLIND STITCH MACHINE

NUMBER NAME

44 R-1 Presserfoot

45 R Bridge

52-2 Post

NOTE: The above 3 parts are provided as
a complete presserfoot assembly.

49 R-1 Shoe

535 Shoe lock screw nut

535-1 Shoe lock screw

536 Shoe stud

91-2 Shoe stud lock screw

537 Looper guide

48-1 Looper guide attaching screw



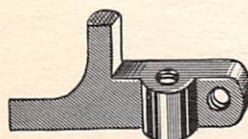
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535-1



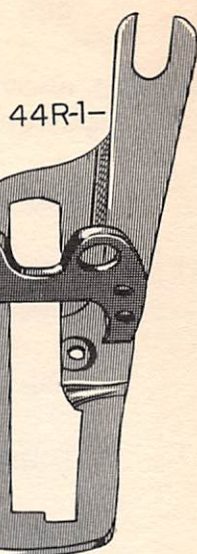
536



49R-1



91-2



44R-1

45R

52-2



537



48-1

NUMBERNAME

529 Rug Guide

529-1 Rug Guide Tape Loop

NOTE: The above 2 parts are provided as a complete rug guide assembly.

530 Tape guide bracket for 1.25" tape

530-1 Tape guide bracket for 2.00" tape
(Not Illustrated)

531 Tape guide for 1.25" tape

531-1 Tape guide for 2.00" tape
(Not Illustrated)

532 Tape guide spacer for 1.25" tape

532-1 Tape guide spacer for 2.00" tape
(Not Illustrated)

533 Tape guide locknut

534 Tape guide stud and nut

541 Tape roll disc (2 required)

541-1 Tape roll disc stud

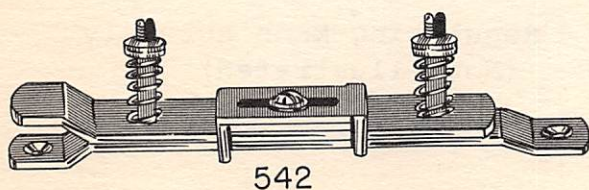
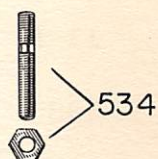
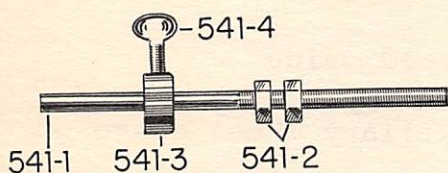
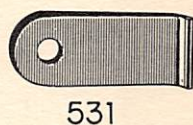
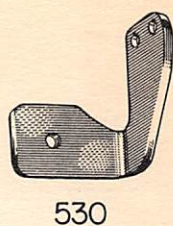
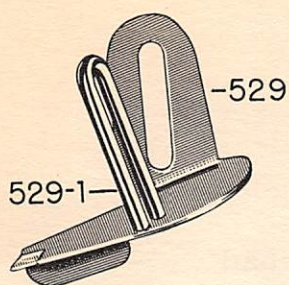
541-2 Tape roll disc stud nut (2 required)

541-3 Tape roll disc stud collar

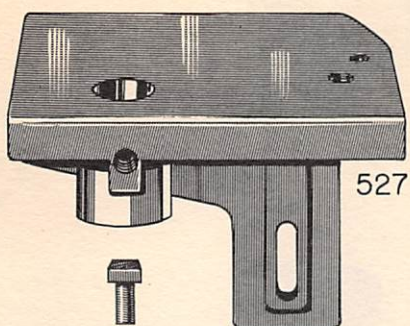
541-4 Tape roll disc stud collar screw

542 Tape tension adjustment assembly

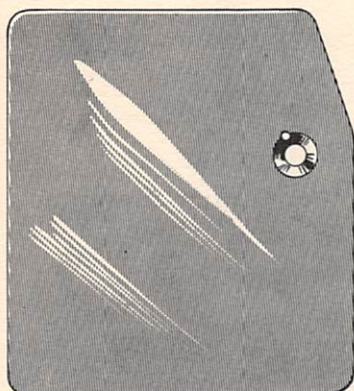
542-1 Tape tension adjustment assembly
 screws (2 required)



<u>NUMBER</u>	<u>NAME</u>
527	Front plate
528	Front plate pad
528-1	Front plate post
528-2	Front plate post screw
150 L-2	Hold down plate
520-1	Roller stud
67-R	Platten
68 BS	Platten stud
108	Platten stud nut
11 R	Platten bracket
538	Thread guide
539	Auxiliary wheel guard
91-1	Auxiliary wheel guard attaching screw
57-R	Regulating knob assembly (Not Illustrated)



527-1



528



538



520-1



68BS
108



539



150L-2

528-2



528-1



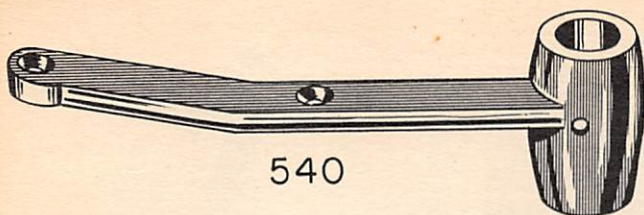
91-1



11R



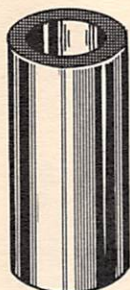
67R



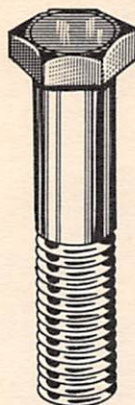
540



543



540-1



540-2



540-3

NUMBER

NAME

540	Knee lifter arm
540-1	Knee lifter arm bushing
540-2	Knee lifter arm bolt
540-3	Knee lifter arm washer
543	Knee lifter stop bracket hook



BASIC and SPECIAL PARTS
FOR U. S. MODEL
88 - R
BLIND STITCH MACHINE

IMPORTANT

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

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

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 SIZE #55 for

New Model 88-R

Needle Size #5½ for

Old Model 88-R

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

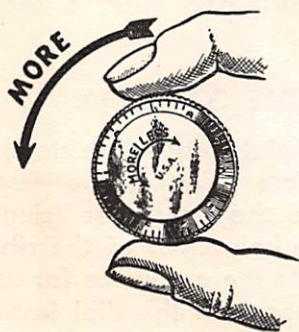
To take out the old needle, slightly loosen the clamp screw where the needle sets. Before inserting the new needle, turn the Radio Dial Knob to the right a sufficient number of times so the needle is entirely clear of the rib. To insert a new needle: push it up into the groove as far as it will go and 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.

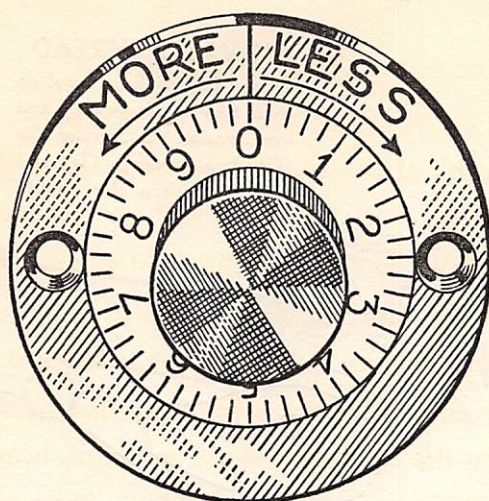
GUIDE FOR PROPER NEEDLE PENETRATION



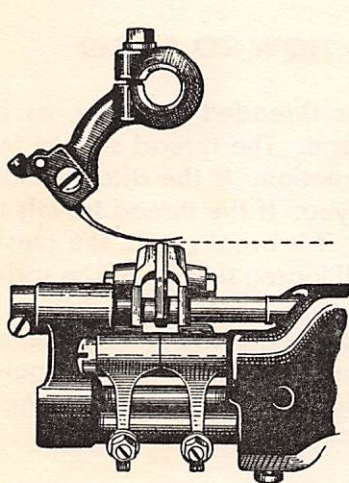
Dial Showing "MORE"



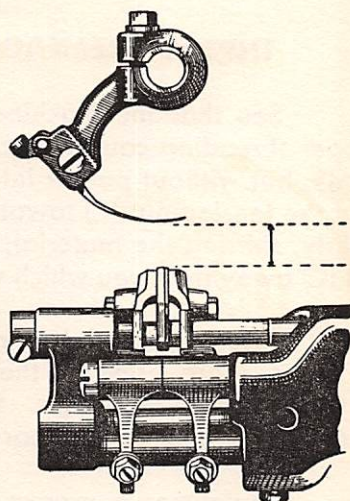
Dial Showing "LESS"



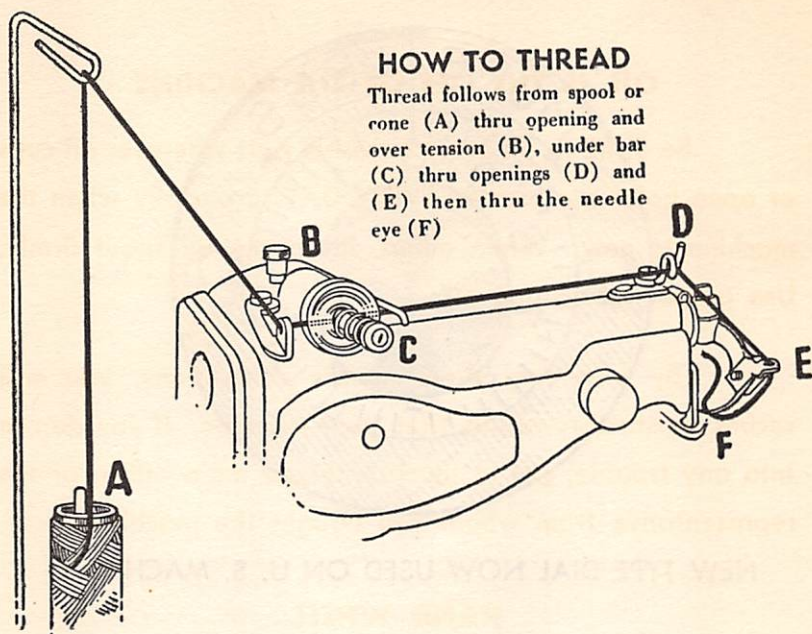
NEW TYPE DIAL NOW USED ON U. S. MACHINES



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 1,000 to 1,200 stitches per minute.

WARNING

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

REPLACING LOOPER

Replacing of the looper (part #22-R) 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.

REPLACING FEEDER

To replace feeder (part #43-R), 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

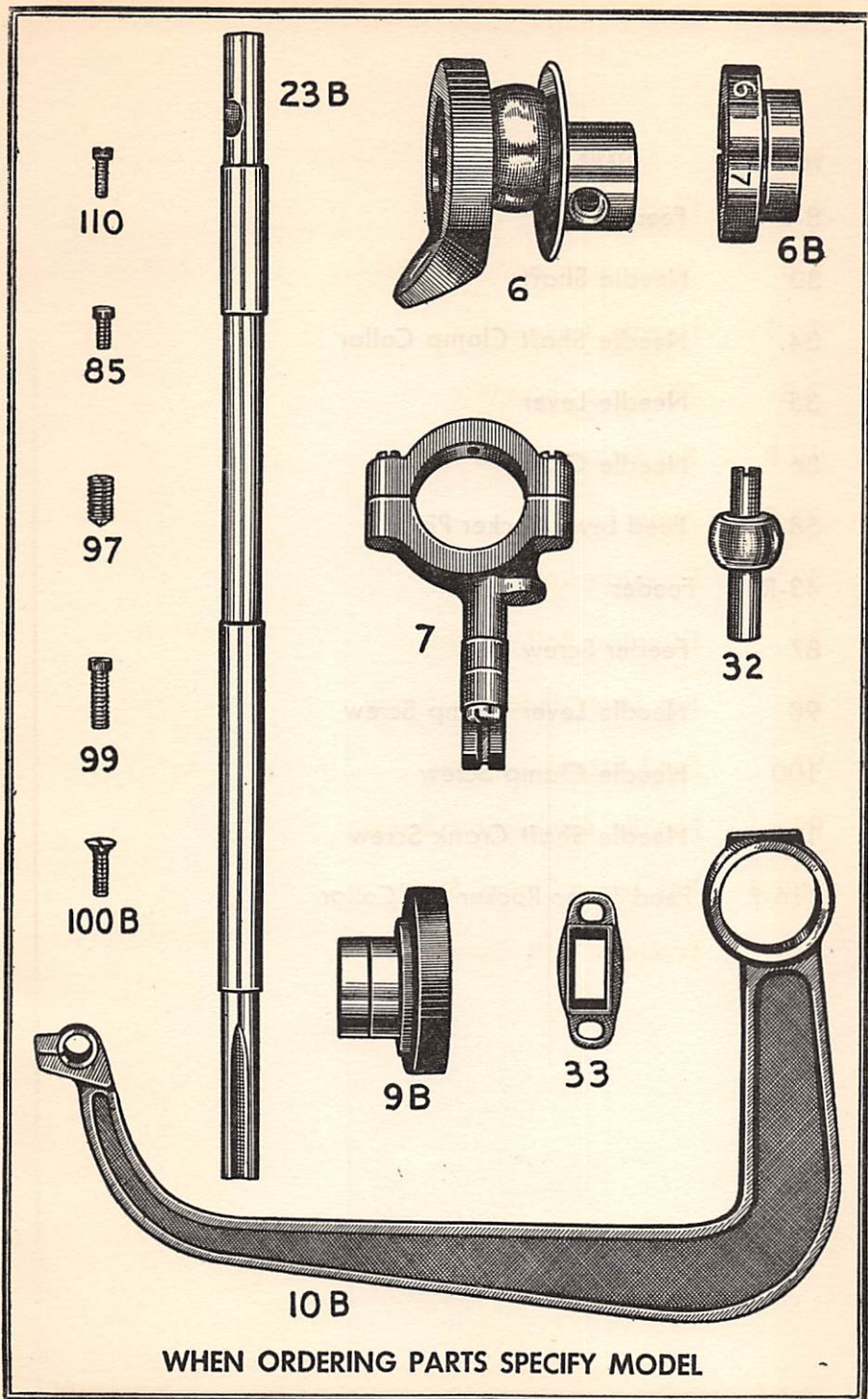
Do not rest on knee lifter. Be sure that the knee does not touch the knee lifter while the machine is in operation.

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

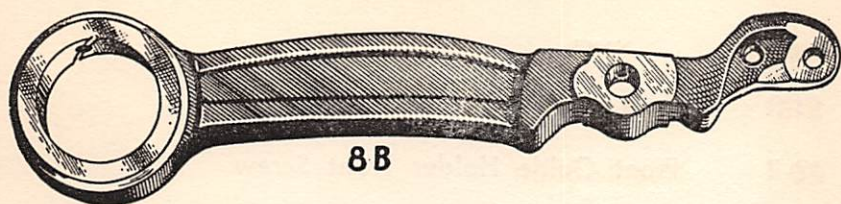
When removing the work from the machine, be sure that the needle is out of the cloth.

Do not run the machine without cloth.

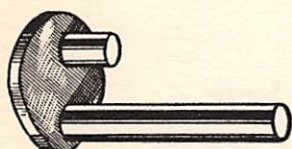
NUMBER	NAME
6	Feed Eccentric
6-B	Stitch Regulating Collar
7	Needle Connection
9-B	Rib Lever Eccentric
10-B	Rib Connection Lever
23-B	Main Shaft
32	Eccentric Ball Stud
33	Eccentric Ball Guard
85	Rib Lever Eccentric Screw
97	Feed Eccentric Screw
99	Needle Connection Screw
100-B	Rib Lever Clamp Screw
110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



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-R	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



8B



38B



87



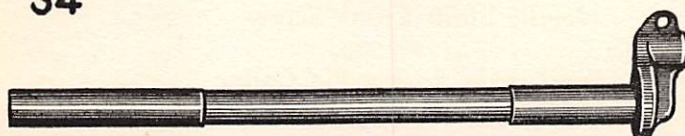
43-R



34



116L



30



35



90

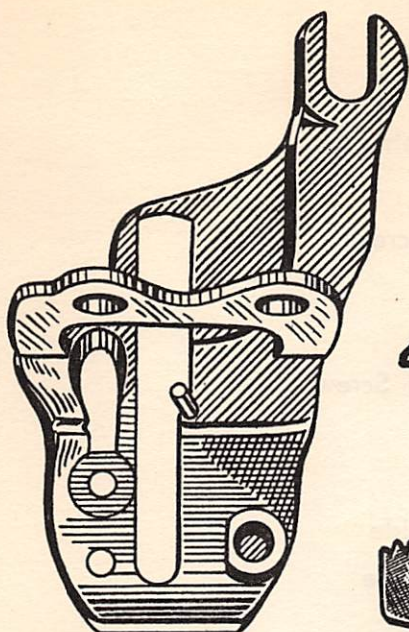


36



100

NUMBER	NAME
44-R	Presserfoot
48-R	Front Guide Holder Front Screw
49-R	Presserfoot Shoe
50-R	Presserfoot Shoe Spring
51-R	Presserfoot Shoe Pin
92-R	Front Guide Holder Top Screw
111	Shoe Pin Holder Screw
125-R	Front Guide
126-R	Front Guide Holder



44-R



III



48-R



50-R



49-R



51-R



125-R



126-R



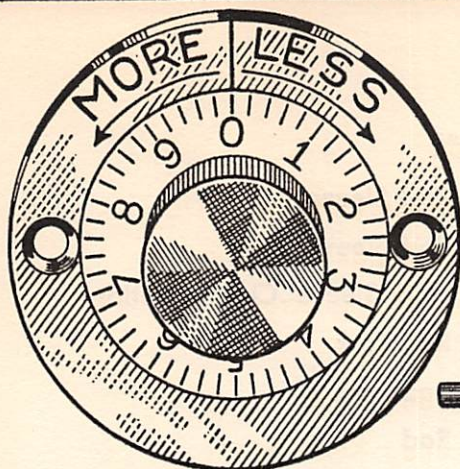
92-R

WHEN ORDERING PARTS SPECIFY MODEL

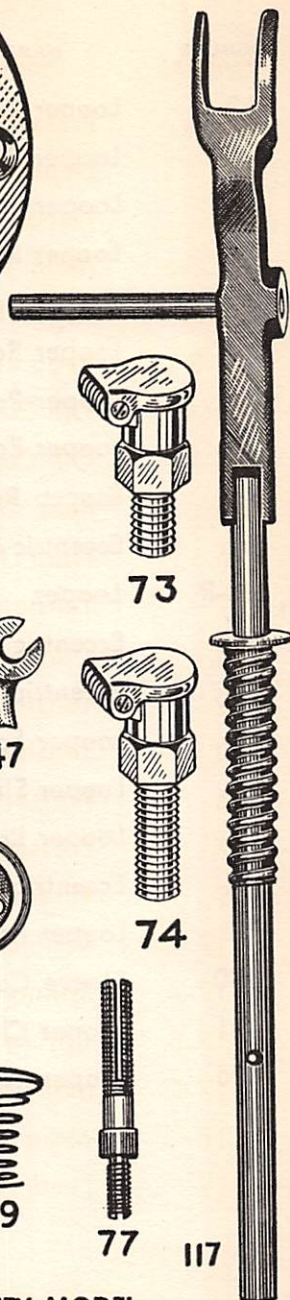
NUMBER	NAME
46	Presserfoot Eccentric Pin
47	Needle Guide
48	Needle Guide Screw
54	Main Spring
57-N	Regulating Knob
57-E	Regulating Knob Screw
73	Oil Cup
74	Oil Cup
75	Rear Thread Guide
76	Front Thread Guide
77	Tension Stud
78	Tension Disc
79	Tension Spring
80	Tension Nut
86	Presserfoot Clamp Screw
87	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



54



57-N



86



87



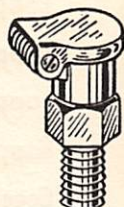
46



48



57E



73



89



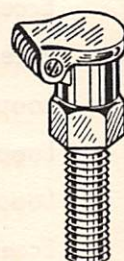
75



76



47



74



117 B



117 A



117 C



80



118



119



78



79



77

117

WHEN ORDERING PARTS SPECIFY MODEL

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-R	Looper
83	Eccentric Block Clamp
84	Eccentric Block Clamp Screw
91	Looper Fork Clamp Srew
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



12



13



14



15



16



94



18



95



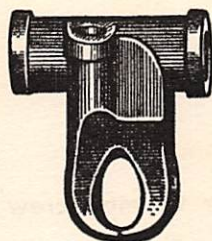
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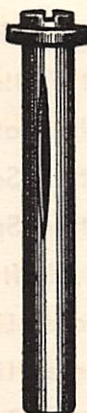
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17



19



20



21



99



83



84



105



22-R



101



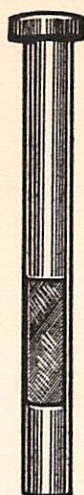
98

WHEN ORDERING PARTS SPECIFY MODEL

NUMBER	NAME
5-11-L	Left Platten Bracket
5-11-R	Right Platten Bracket
53-B	Feed Frame Shaft
61-R	Rib Shaft
63	Rib Shaft Crank
64	Rib Shaft Crank Stud
65	Rib Shaft Crank Clamp Stud
66	Bracket Stud
5-67-L	Left Platten
5-67-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



61-R



66



53-B



69-S



5-11-L



5-11-R



103



104



68



108



5-67-L



5-67-R



64



65



63



116



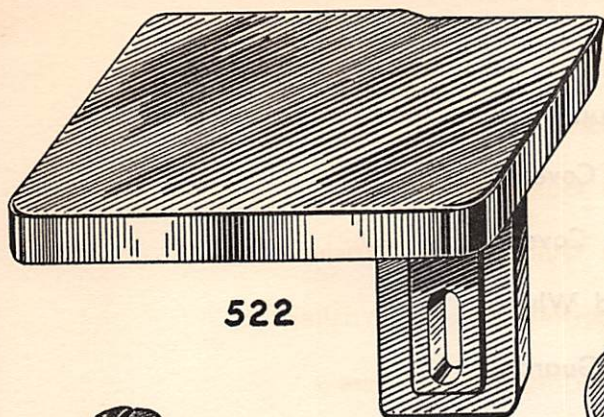
100



116-A

WHEN ORDERING PARTS SPECIFY MODEL

NUMBER	NAME
87	Tape Guide Screw
109	Tape Guide Screw Washer
143	Supporting Bracket Washer
144	Supporting Bracket Screw
146	Knee Lifter Bracket Screw
147	Knee Lifter Bracket Lock Washer
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
521	Thread Lubricator
522	Front Plate
523	Tape Guide



522



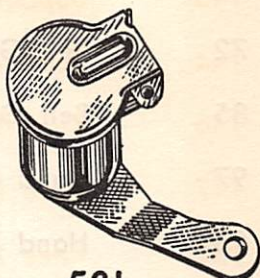
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87



109



521



153



146



147



155-A



160



154



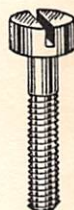
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157



143

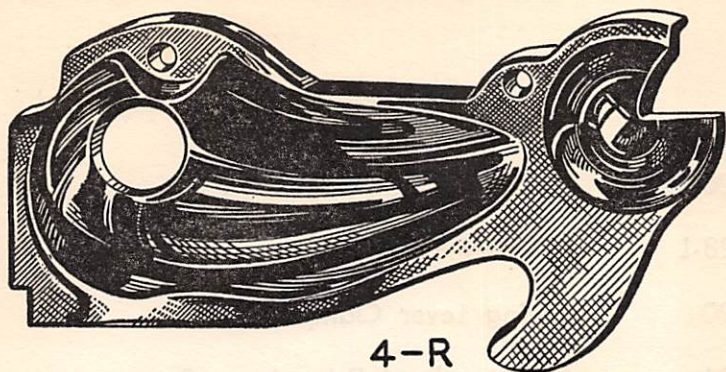


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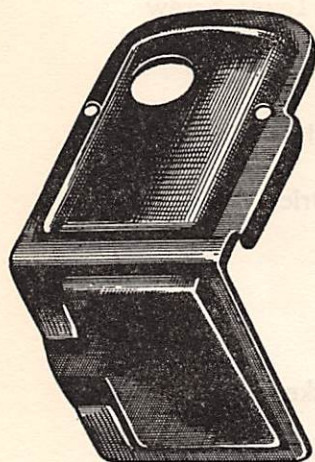
152

WHEN ORDERING PARTS SPECIFY MODEL

NUMBER	NAME
4-R	Side Cover
5	Back Cover
24-R	Hand Wheel
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



4-R



5



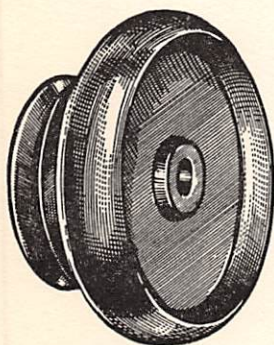
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172



97



24-R



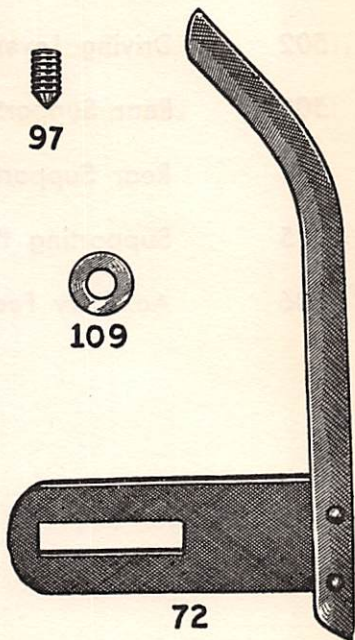
98



109



85



72

WHEN ORDERING PARTS SPECIFY MODEL

NUMBER	NAME
26-2-LR	Driving Lever Clamp Stud
28-L	Auxiliary Feed Drive Lever Stud
90	Driving Lever Clamp Screw
94	Auxiliary Feed Drive Lever Screw
98	Auxiliary Feed Eccentric Screw
116-LR	Supporting Bracket Shaft Collar
500	Auxiliary Feed Eccentric
501	Eccentric Drive Lever
502	Driving Lever Clamp
503	Rear Supporting Bracket
504	Rear Supporting Bracket Screw
505	Supporting Bracket Shaft
506	Auxiliary Feed Drive Lever



26-2-LR



28-L



90



94



98



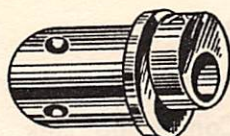
116-LR



501



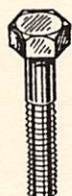
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500



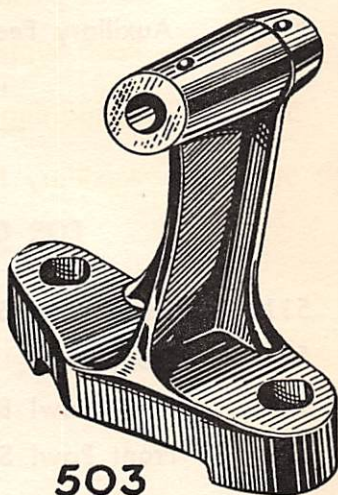
502



504



506



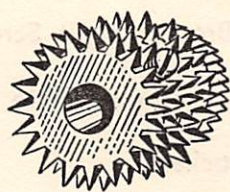
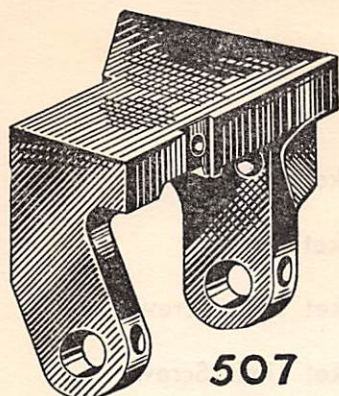
503

WHEN ORDERING PARTS SPECIFY MODEL

NUMBER	NAME
84	Auxiliary Bracket Screw
91	Auxiliary Feed Stop Spring Screw
98	Auxiliary Feed Screw
507	Auxiliary Bracket
508	Auxiliary Feed
509	Auxiliary Feed Shaft
510	Auxiliary Feed Pawl
511	Auxiliary Feed Pawl Stud
512	Rear Auxiliary Feed Pawl Spring
513	Auxiliary Feed Pawl Stop
514	Auxiliary Feed Pawl Clamp Screw
515	Auxiliary Feed Connecting Link
516	Auxiliary Feed Connecting Link Drive
517	Auxiliary Feed Stop Spring

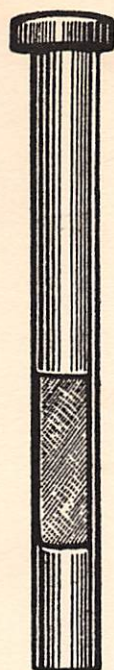
FOR OLD MODEL 88-R

511	Front Pawl Stud
524	Front Pawl
525	Front Pawl Block
526	Front Pawl Spring



WHEN ORDERING PARTS SPECIFY MODEL

NUMBER	NAME
66	Bottom Roller and Bracket Stud
69-S	Bottom Roller and Bracket Spring
98	Bottom Roller and Bracket Stop Screw
103	Bottom Roller and Bracket Limit Screw
104	Bottom Roller and Bracket Limit Screw Nut
144	Front Supporting Bracket and Plate Screw
518	Front Supporting Bracket
519	Bottom Roller and Bracket
520	Bottom Roller and Bracket Stop



66



69-S



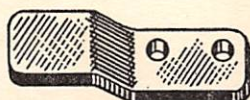
103



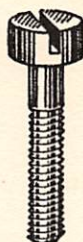
104



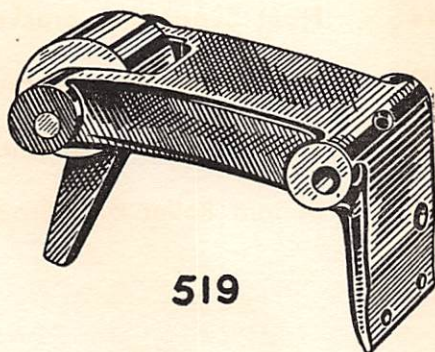
98



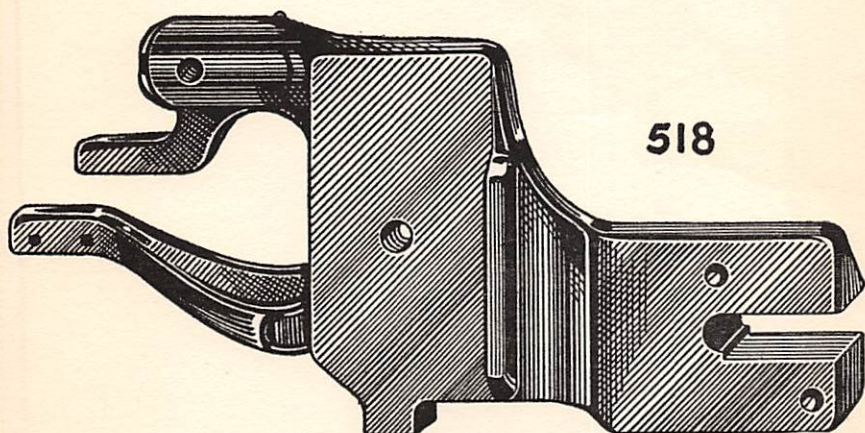
520



144



519



518

WHEN ORDERING PARTS SPECIFY MODEL

MEMORANDUM

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