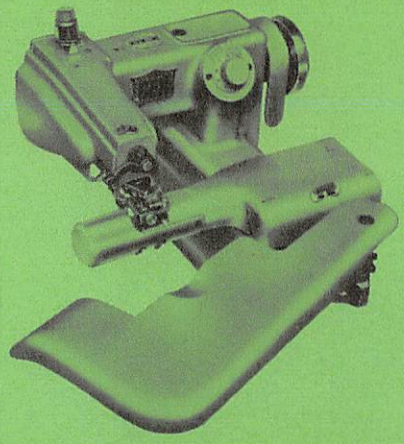
REX

BLINDSTITCH

SEWING MACHINES



INSTRUCTION and PARTS BOOK

SERIES

618 • 618-6 • 808

ALSO 818 & 818-6

SEMI SELF-OILER

REX BLINDSTITCH MACHINE CORP.

278-15th AVENUE, NEWARK, N. J. 07103

Phone (201) 242-8484

Cable Address: REX-NEWARK, NEW JERSEY

105683M

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 REX needles.
Accept no others.
REX needles cost no more than cheap imitations and are ALWAYS available.

If you have any difficulty, do not hesitate to contact dealer who sold you this machine. If unable to obtain satisfaction, please write or phone us direct: _____

REX BLINDSTITCH CORPORATION
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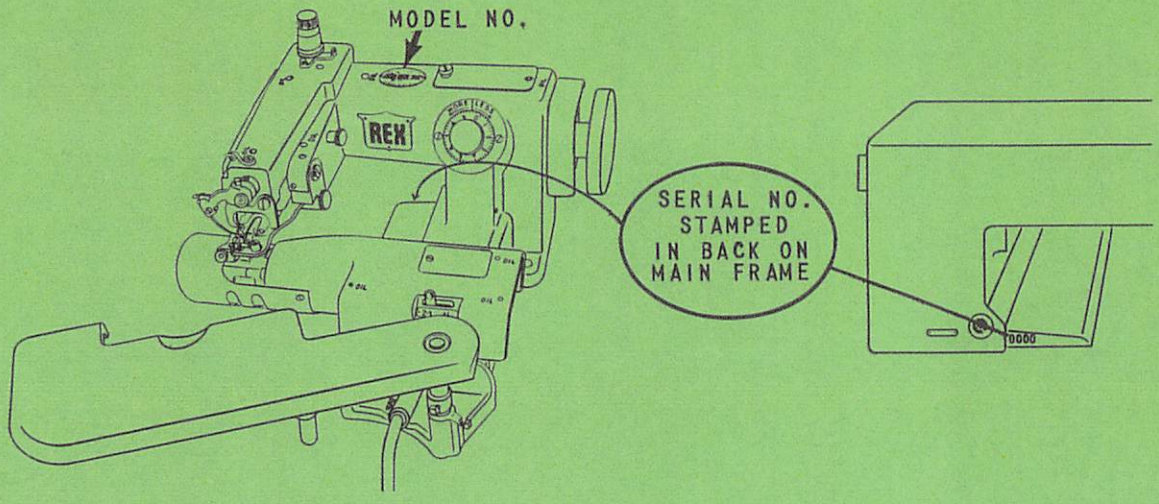
NEWARK, N. J. 07103
Phone (201) 242-8484
Cable Address: REX-NEWARK, NEW JERSEY



PARTS FOR REX BLINDSTITCH MODELS

618 SERIES - 618 618-1 618-2 618-9 618-9-SP 618-A 618-C 618-K 618-N 618-NT

Narrow Cylinder Machines **All Rex NARROW CYLINDER Blindstitch machines have model numbers that end with "6"**

618-6 SERIES - 618-6 618-C-6 618-K-6 618-N-6 618-NT-6

808 SERIES - 808 808-1 808-2 808-A 808-C 808-K 808-N 808-NT 808-F

818 Self-Oiler – See Pages 20 & 21

INDEX

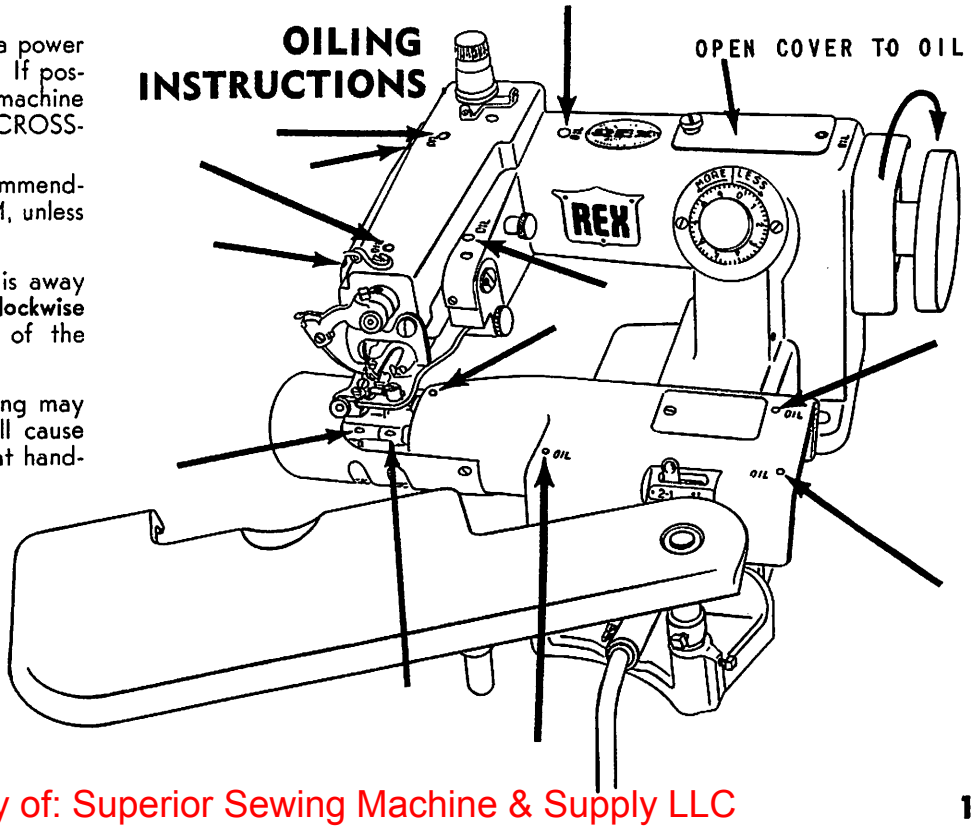
MOUNTING MACHINE

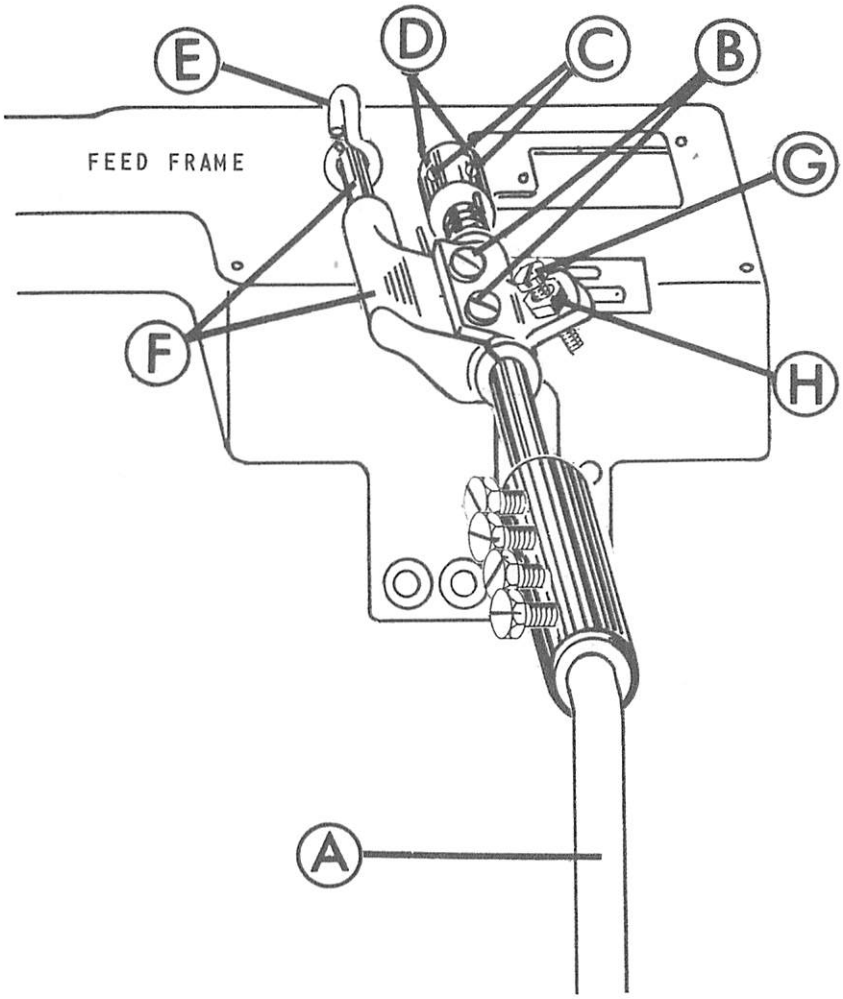
1. Fasten machine to table using felt pad. Tighten screws evenly, turning each a little at a time.
   - **a.** When an individual motor and clutch unit is employed, it is recommended that the motor be rated at 1/3 HP and 1725/1750 RPM. On all standard models, use a 3 1/2" outside diameter pulley. On 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-belting or round leather belting may be used. Excessive tension of belt will cause over-heating and freezing of bearing at handwheel.

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

OILING INSTRUCTIONS





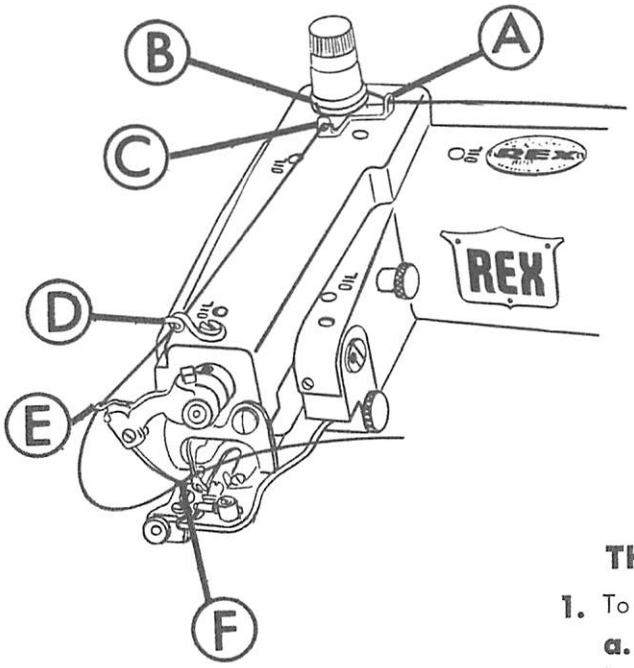
KNEE LIFTER ADJUSTMENT

To adjust Knee Lifter (A), loosen Lift Arm Screws (B) and bring Knee Lifter into position most comfortable for operator. Tighten Screws (B) securely.

This adjustment may require readjusting tension spring.

To adjust tension of spring on Knee Lifter, loosen Collar Screws (C) and wind spring by placing side blade of screw driver in Collar slots (D). Wind tight enough until Knee Lifter (A) swings towards the operator, then tighten Collar Screws securely.

"S" Hook (E) must always have slack between Feed Frame and Lift Arm (F). To do this, first loosen Lock Nut (H) and turn Adjusting Screw (G) left or right until "S" Hook is FREE of Feed Frame and Lift Arm. Hold Screw in place and tighten Lock Nut (H).

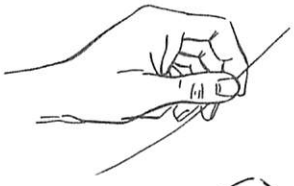


THREADING CHART

1. Use any type thread which is suitable for the fabric being sewn. This includes mercerized, 00, silk and synthetic threads.
2. The thread is passed through rear thread guide (A) then slides between two tension discs (B) through (C) through front thread guide (D) . . . then down through needle clamp hole (E) . . . and entering from the underside of needle hole (F).
3. Leave thread about 2 to 3 inches past needle hole.

THREADING NEEDLE

1. To thread needle at point (F)
   - **a.** Swing work plate out of way
   - **b.** Depress cylinder out of way with knee lifter
   - **c.** Hold thread between index finger and thumb
   - **d.** End of thread must be **stub** not feather edge.



RIGHT
Up like this

WRONG
Not like this

ADJUSTING RIB TO NEEDLE

THE MACHINE SHOULD BE CHECKED TO INSURE CORRECT NEEDLE SETTING TO PREVENT DAMAGE TO NEEDLES.

1. Press knee lifter to depress feed frame.
2. Turn hand wheel CLOCKWISE until eye of needle is at slot in presser foot shoe (Fig. 1).
3. Slowly release knee lifter. The rib should JUST TOUCH THE NEEDLE (Fig. 2).
4. If rib is pressing up against needle (Fig. 3), turn dial toward "LESS" until rib just touches needle.
5. If rib is away from needle (Fig. 4), turn dial toward "MORE" until rib just touches needle.
6. When needle just touches rib (Fig. 2), machine is set to test.
7. To test machine, when ratio is set 2 to 1 ratio—take single layer of material, place in machine and turn machine by hand. If machine catches once, then does not catch on next stroke, machine is ready to work.
8. Keep dialing "MORE" or "LESS" until above results are obtained on silk or any thin goods.
9. On heavy goods, it should catch on each stroke of needle.
10. You are now ready to thread machine. Refer to threading instructions.

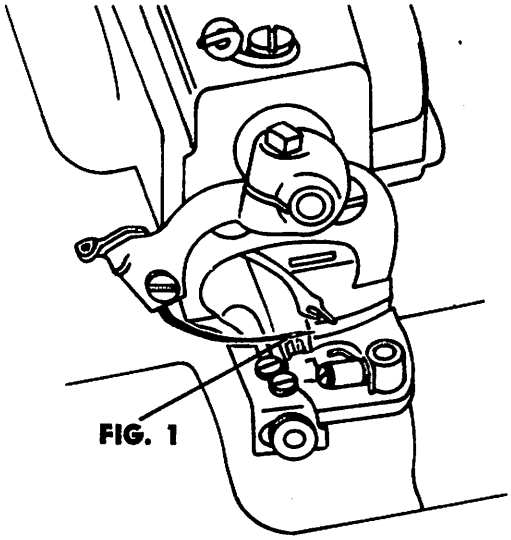


FIG. 1

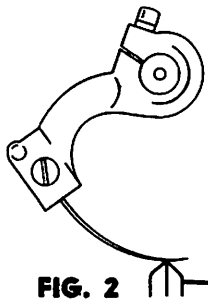


FIG. 2

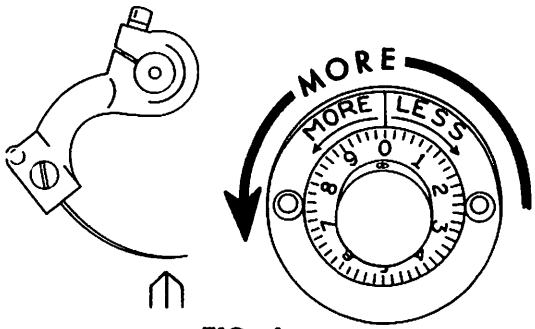


FIG. 4

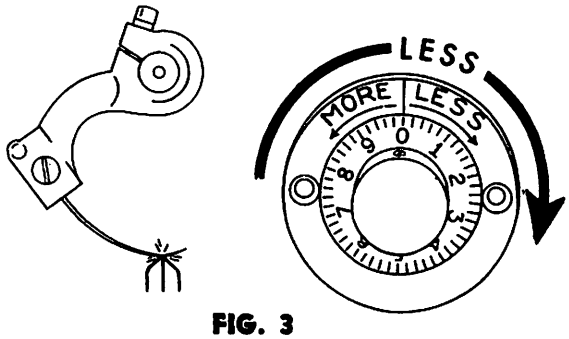


FIG. 3

TO CHANGE STITCH RATIO, DEPRESS KNEE LIFTER AND MOVE LEVER TO DESIRED STITCH RATIO

When set for

2 - 1	**catches every other stitch**
1 - 1	**catches every stitch**

IMPORTANT:

Place a piece of thin sample material in machine. Set stitch ratio on 2-to-1. Turn hand wheel clockwise by hand so that needle catches on one stroke and skips a stitch on second stroke.

ON THE SKIP STROKE, stop when the eye of the needle is at the rib (Fig. 1). At this point, the gap between the Compensating Skip Stitch Screw (Fig. 5, A) and the Push Rod (B) should be .018 (C). (In the absence of a gauge, .018 is about 5 times the thickness of average letterhead paper.) This adjustment is made by loosening Lock Nut (F), adjusting screw (A) so gap at (C) is .018. Keep screw in place with screwdriver and secure Lock Nut.

Once this is done, a similar adjustment on Feed Frame Limit Safety Screw (E) should be made. Loosen Lock Nut (D), adjust Safety Screw (E) so that gap (G) between Screw (E) and Main Frame of machine is .018. Hold Screw in place with screwdriver and secure Lock Nut. THIS ADJUSTMENT IS TO PREVENT OPERATOR FROM MISTAKENLY ADJUSTING RIB TOO HIGH WITH "MORE/LESS" DIAL CAUSING NEEDLE TO STRIKE RIB AND BREAK.

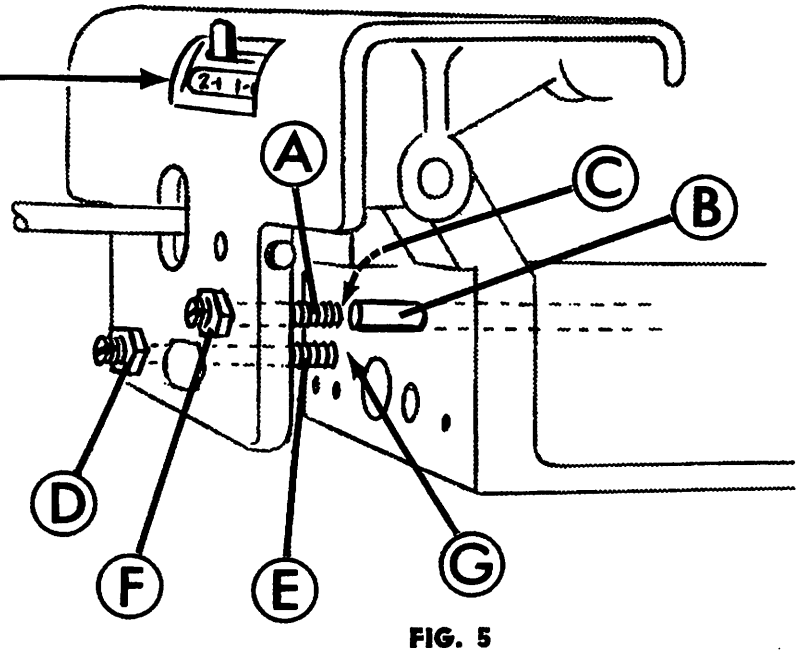


FIG. 5

TESTING NEEDLE

IMPORTANT: First test needle to make sure there is no bur or it is not bent. To check for bur, rub fingernail across point. If needle is bent, it will not rest firmly on needle guide Fig. 6 . (F)

CHANGING NEEDLE

TO REMOVE

1. Loosen screw (A) about 2½ turns until Needle Clamp (B) is loosened from Needle Lever (C) and Needle is free. (Fig. 1)
2. Hold Needle with left hand thumb and index finger, remove by moving away from you and to the left (Fig. 1). It should come out effortlessly. DO NOT FORCE.

INSERTING NEW NEEDLE

1. Place good new needle in groove of presserfoot and hold in place with right index finger (Fig. 2). With tilting motion of right thumb (Fig. 3), tilt shank of needle to right in between Needle Clamp (B) and Needle Lever (C) and into groove of Needle Lever.
2. With left index finger and thumb (Fig. 4), bring Needle Clamp and Lever together making sure Needle is setting in Needle Lever Groove. While holding together with left hand, draw needle up as high as possible with right hand. Then with right hand, tighten screw (A) with screw driver.
3. Hold Needle at point (D) (Fig. 5) with left thumb and index finger, loosen screw (A) a quarter turn, then push Needle all the way up the Needle Lever (DO NOT FORCE) and secure screw (A) firmly.
4. EYE of Needle should be at point (E) (Fig. 6) when Needle Lever (C) is at its highest point.

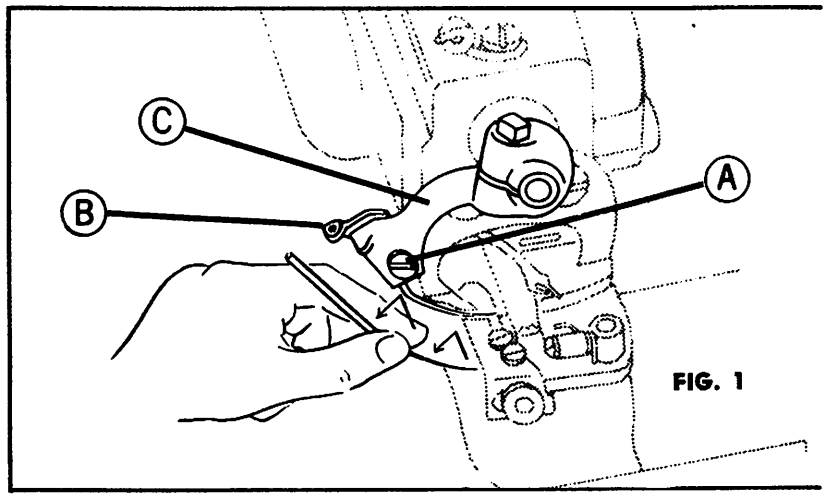


FIG. 1

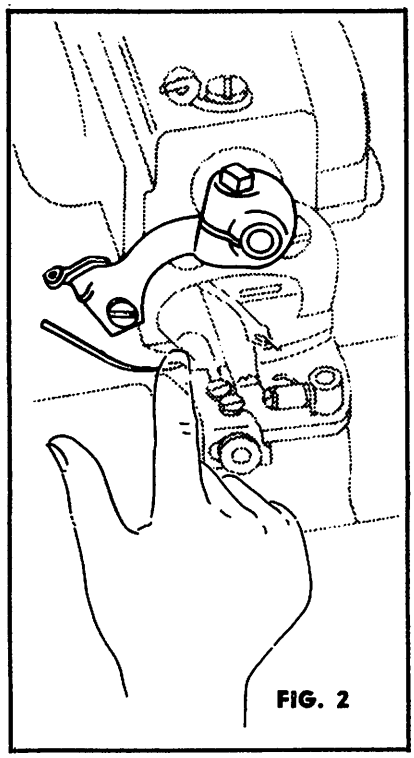


FIG. 2

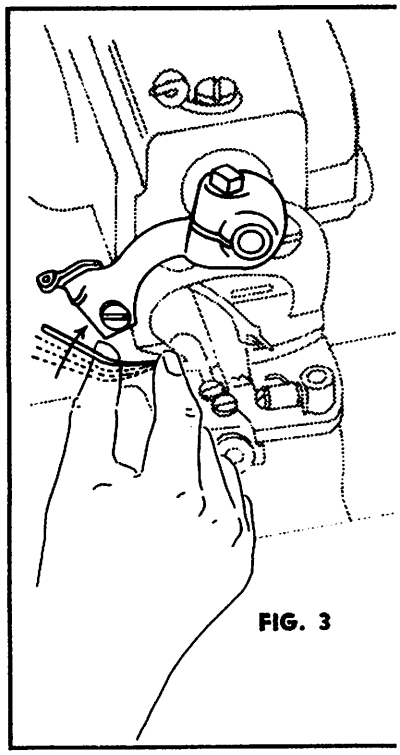


FIG. 3

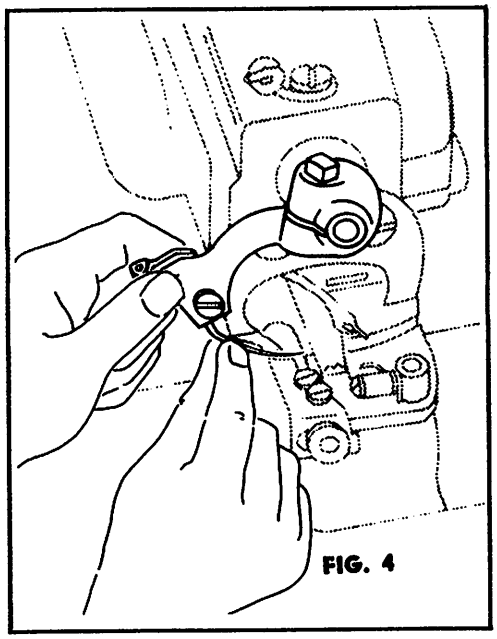


FIG. 4

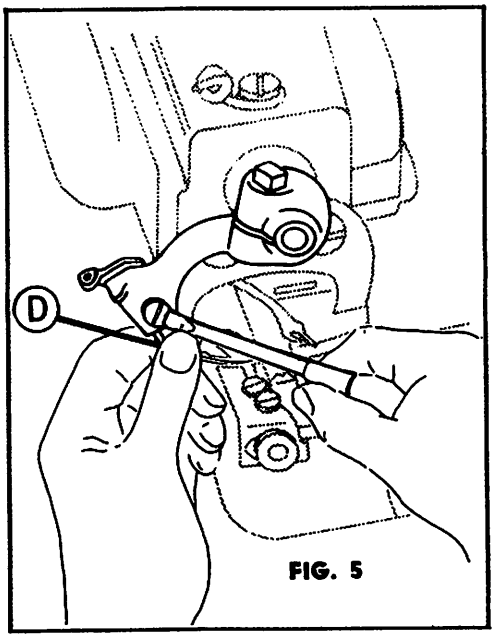


FIG. 5

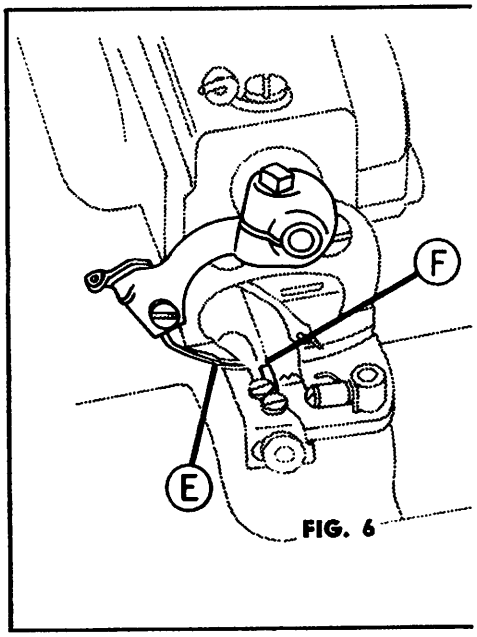


FIG. 6

HOW TO SEW

1. Turn hand wheel slowly clockwise until needle reaches high point (A).
2. With hands 12 inches or so apart (Fig. 1) hold hem firmly. Depress knee lifter, place hem in machine parallel with, and up under presser foot. (D)
3. Place edge of hem in slot of shoe (B) and at edge of gauge (C).
4. Start sewing. **IMPORTANT:** Keep edge of hem lightly, but firmly against gauge, keep material parallel to gauge by KEEPING EYES ON **GAUGE ONLY** . . . NOT ON NEEDLE OR SEWING.
5. To remove . . . make sure needle is again at high point. Depress knee lifter and pull work AWAY FROM YOU, straight back to break thread.

IMPORTANT—DO NOT TUG MATERIAL BACK AND FORTH OR IT WILL UNRAVEL THE STITCH.

START SEWING

1. On thin goods or ribbon cloth guide Fig. 1,(C). should be set almost at extreme right side of machine and should obtain results shown in Fig. 2. (F).
2. For heavier goods, bring cloth guide to the left as necessary.
3. Do not pull material to help feeding, do not hold material back, just hold firm but lightly.
4. To remove finished work, MAKE SURE NEEDLE IS AT HIGH POINT FREE OF GARMENT.

TENSION

If material puckers, loosen tension.

If thread is loose, make sure thread is between tension, discs then tighten accordingly. Do not hesitate to turn tension nut several times as needed.

On thin goods, a light tension is required. On heavier goods, a tighter tension is necessary.

IMPORTANT: Unlike a regular machine, this machine requires very little tension.

UNRAVELING STITCH

To unravel the stitching, turn hand wheel CLOCKWISE to high point of needle. Continue clockwise until thread is off looper. Then COUNTERCLOCKWISE to threading position.

Depress knee lifter and remove garment . . . thread will unravel.

To unravel stitch on finished garment, start where stitching finished, break straight thread and unravel backwards, NOT FROM DIRECTION OF SEWING.

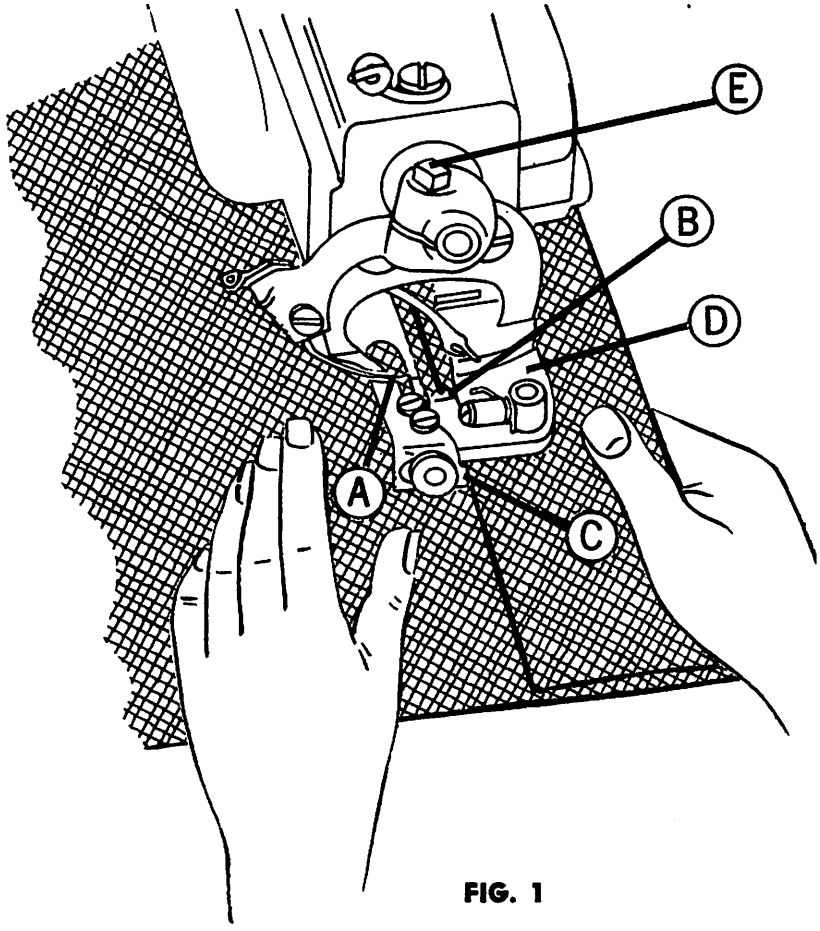
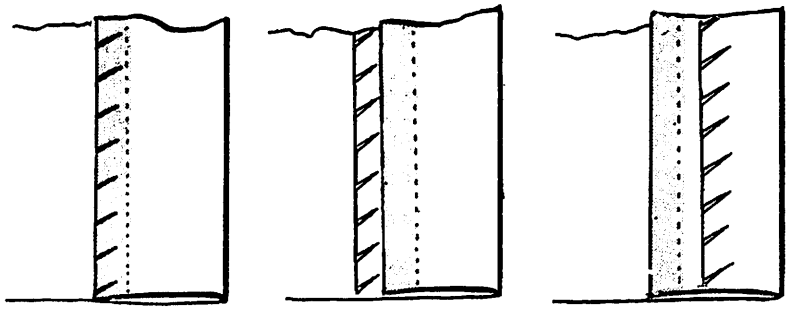


FIG. 1

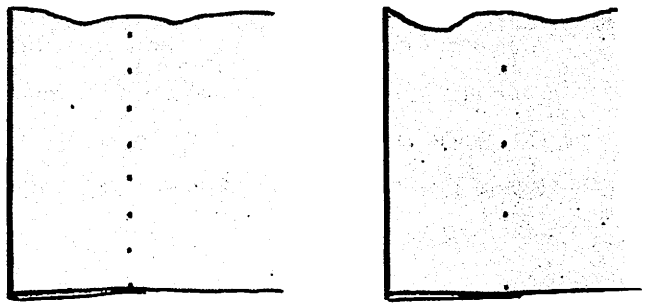
PROPER STITCHING (Fig. 2)



F. Proper stitching.

G. Material running off. Bring gauge over a little to left.

H. Gauge too far to left. Move gauge over to right.



I. If catching each time on light fabric, turn dial to "LESS" until it looks like J.

J. Catches on thin fabric every other time. (Provided needle is good.)

PROPER SETTING FOR RIB CONNECTION

Turn Handwheel clockwise until Needle is on the DOWN stroke. When Needle reaches right hand edge of Needle Guide "A" (Fig. 1), Rib "B" should STOP and SHOULD NOT MOVE UNTIL NEEDLE POINT PASSES OVER RIB TO OTHER SIDE OF PRESSERFOOT OPENING "C".

If Rib does move, make the following adjustment: First loosen Screw "A" (Fig. 2). Bring Needle Point back to right hand edge of Needle Guide. Then loosen screw "B", keeping screwdriver in place. Move Cam (R-1062) forward or backward until Rib is at the STOP position, **holding Needle in Position with handwheel while performing this operation.** Tighten Screw "B". Test accuracy of adjustment by repeating operation outlined in first paragraph. If still not correct, readjust by loosening screw "B" again, change angle of Cam slightly forward or backward as needed and retighten Screw "B". When adjusted satisfactorily, be sure to TIGHTEN BOTH SCREWS "A" & "B" before putting machine into operation.

TO SET RIB SHAFT

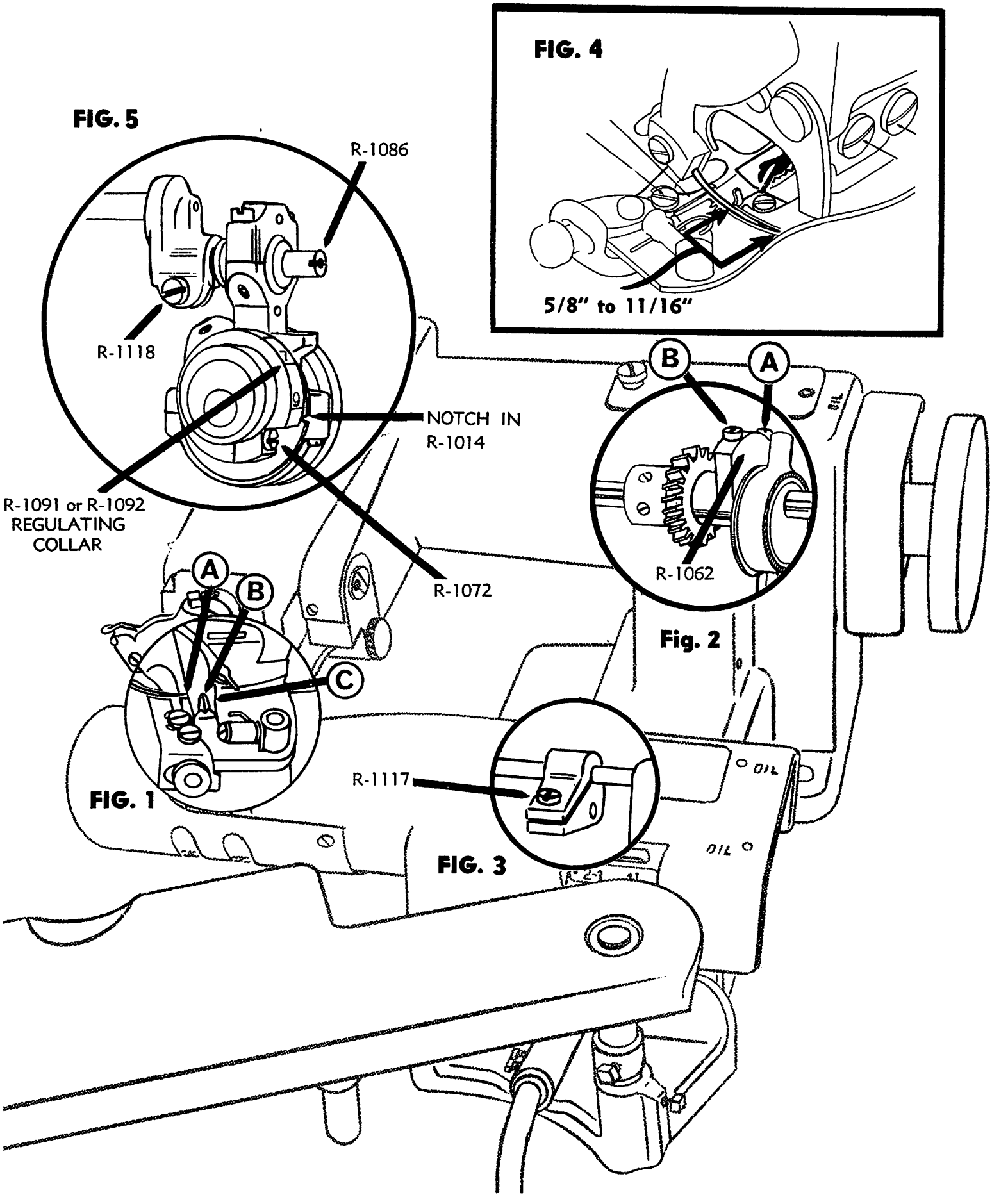
When needle is in same position as in Fig. 1, loosen Screw (R-1117) in Fig. 3, and turn Rib to desired position. Secure Screw. (See page 9 for closer detail of Rib Shaft if needed.)

NEEDLE STROKE

Turn Handwheel clockwise, bringing Needle to end of stroke at the right side. At this point, the Needle tip should be 5/8" to 11/16" from the right side of Presserfoot opening (Fig. 4). To attain this, loosen Eccentric Ball Screw R-1118 (Fig. 5) and turn Eccentric Ball (R-1086) until Needle reaches desired position.

REGULATING LENGTH OF STITCH

Loosen Screw R-1072 (Fig. 5) in Stitch Regulating Collar and turn until desired number is by Indicator Notch in R-1014. The larger the number by the notch, the longer the stitch. The smaller the number by the notch, the shorter the stitch. WHEN MAKING STITCH LONGER OR SHORTER, CHECK FEEDER WITH LOOPER AND PRESSERFOOT AS IT CHANGES POSITION OF FEEDER WHEN CHANGING LENGTH OF STITCH



ADJUSTING LOOPER

1. (FIG. 1) Loosen screw (A) to take out Looper (B) — (Part #R-2200).

2. To put Looper in, be sure you put Looper in until shoulder of Looper touches shoulder of Looper Rod (C) at point (D).

3. (FIG. 2) Turn Handwheel by hand, carefully and slowly. Looper must clear the Chain-Off Pin (E) and clear needle, being just above the needle about the thickness of a sheet of paper at point (G). The long prong of the Looper should be about 3/32" from the needle when needle is at the limit of stroke.

4. Should Looper touch needle or Presser Foot at point (G), loosen screws (H) and use wide blade of screwdriver in slot of Eccentric Block at (J). If Looper is hitting needle, turn Eccentric Block clockwise. If Looper is too far above needle, turn Eccentric Block counterclockwise.

5. (FIG. 3) If Looper touches Presser Foot or needle at point (K) and upper part (long prong) of Looper at point (L), turn Eccentric Block clockwise.

6. (FIG. 3 & FIG. 1) Should Looper be touching at point (K) and needle touching short prong of Looper at point (L), then you must loosen nut (M) and screws (N). Then turn Looper Rod at point (C) downwards, which will clear the short prong of your Looper at point (L) and raise the Looper at point (K).

7. (FIG. 2 & FIG. 3) By turning Eccentric Block (J) clockwise or counterclockwise, it will raise or lower your Looper at points (K) and (L).

   With ECCENTRIC BLOCK, you RAISE or LOWER Looper on BOTH SIDES.

   TURNING LOOPER ROD, you RAISE one side and you LOWER the other side.

8. (FIG. 3 & FIG. 2) For Looper To clear Chain-Off Pin (Q) and Presser Foot at (R), Eccentric Block (J) can be moved from left to right by loosening screws (H). This will give you the desired clearance.

9. (FIG. 1 & FIG. 2) If this is necessary, be sure that Looper Rod Carrier Pin (S) is flush against Looper Rod Carrier (T) and does not have any play left or right. Secure by re-tightening screws (H).

10. (FIG. 4) When Needle Guide (U) (part #R-1238) becomes grooved or broken, remove and put in a new one. NOTE: When replacing Needle Guide, slide "U" of Needle Guide into undercut neck of screw (V). Hold together and screw on Presser Foot. Just before tightening firmly, push Needle Guide securely towards screw, hold in position and tighten Needle Guide Screw (V).

11. (FIG. 5) Feeder should be below Presser Foot a maximum of 3/32" at point (W) and a hair less at point (X).

    (FIG. 4) BE SURE LOOPER CLEARS FEEDER AT POINT (Y).

    BE DOUBLY SURE FEEDER SCREWS (Z) ARE SECURED FIRMLY.

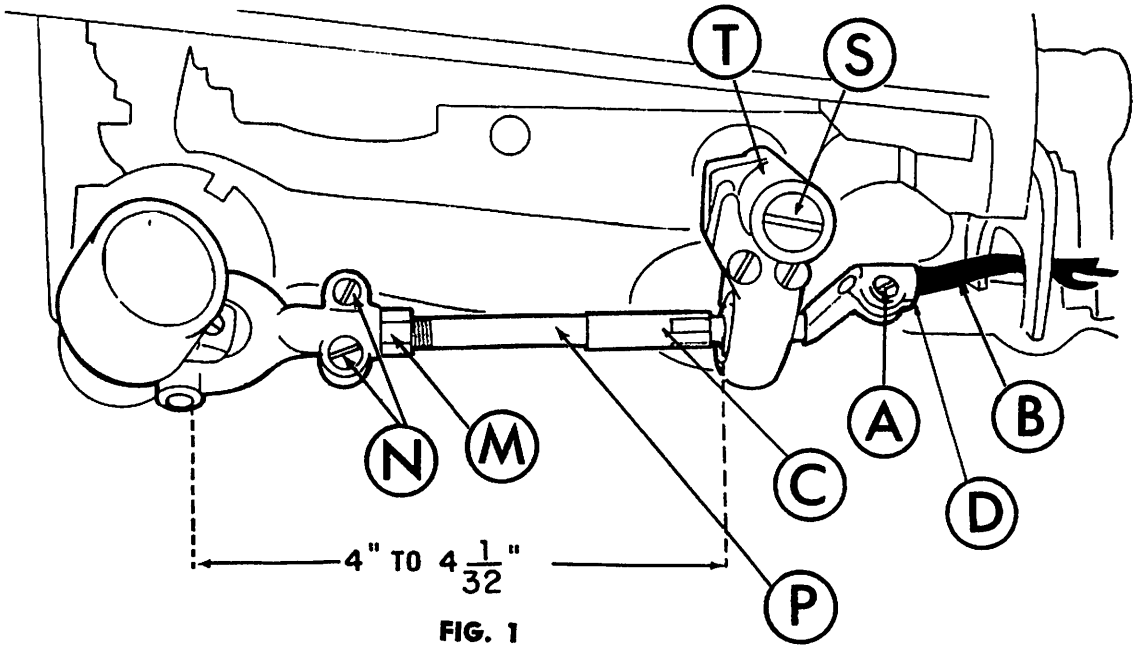


FIG. 1

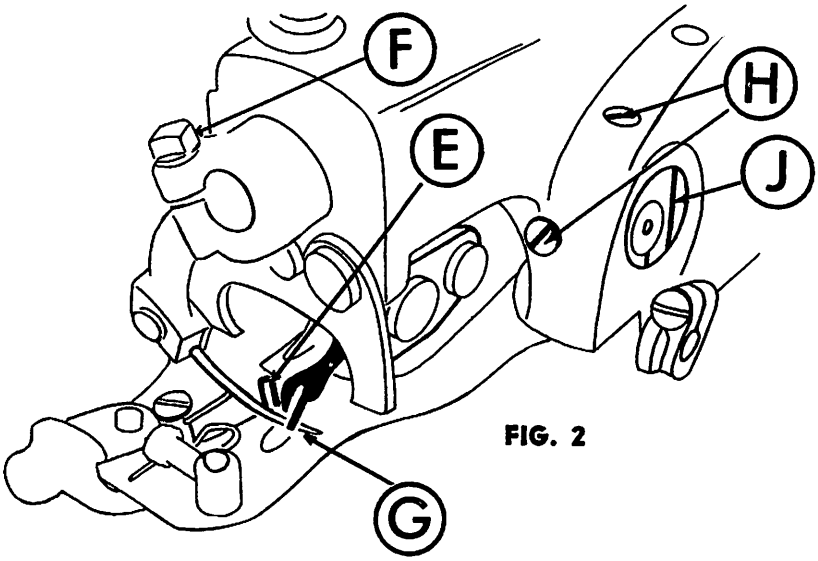


FIG. 2

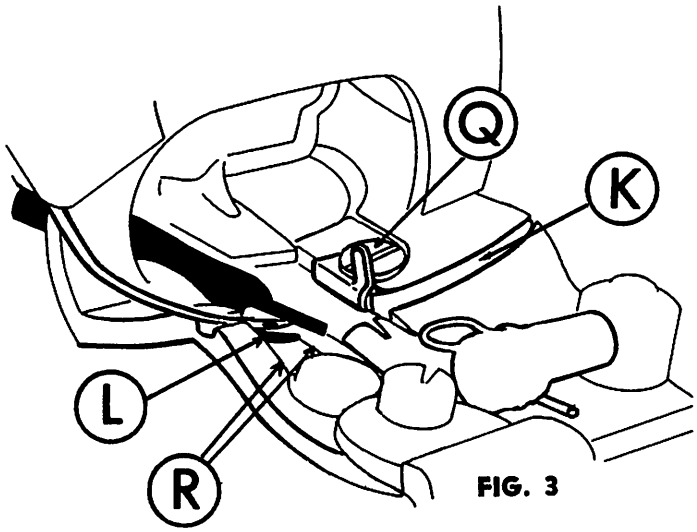


FIG. 3

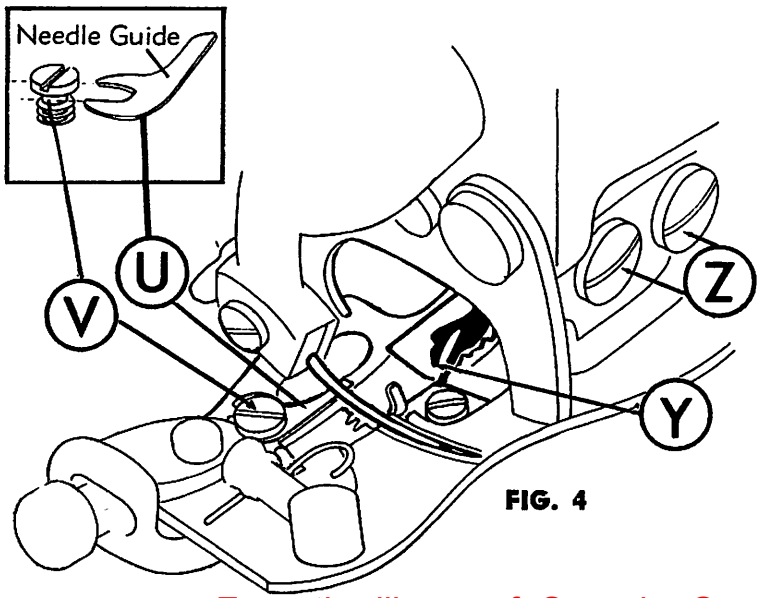


FIG. 4

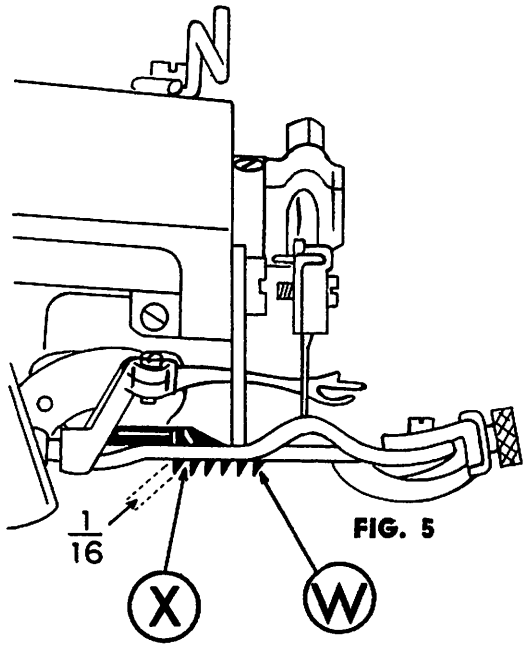


FIG. 5

IF RIB ON YOUR MACHINE IS CUSTOMIZED AND STAMPED WITH A NUMBER OTHER THAN NUMBER INDICATED WITH MODEL BELOW, RE-ORDER USING NUMBER STAMPED ON THE RIB SUPPLIED WITH YOUR SPECIFIC MACHINE.

RIB FOR VARIOUS MODELS AS INDICATED (Specify no notch, fine notch or deep notch)

Model	Rib
618	Fine Notch R-6008
618-2	
618-A	
618-C	
618-N	No Notch R-6007
808	
808-A	
808-C	
808-K	
618-1	Fine Notch R-6008
618-9	
618-9SP	
808-1	Deep Notch R-6001
808-9	
808-9SP	
618-K	R-6004
808-K	
618-NT	R-6040
808-NT	
618-6	R-6036
618-N6	
618-C6	R-6010
618-K6	R-6032
618-NT6	R-6041

FEED FRAME (618 and 808)

GROUP 1

R-1205 Window Plate
R-1030 Screw - Window Plate
R-1087 Rib Shaft Bushing - Left
R-1088 Rib Shaft Bushing - Right
R-1069 Set Screw — Platten Bracket Pivot Stud
R-1159 Screw - Spring Link Lock
R-1104 Screw - Feed Frame Limit
R-1146 Nut - Feed Frame Limit Screw Lock

GROUP 2

R-1029 Nut - Skip Stitch Compensating
R-1105 Screw - Skip Stitch Compensating
R-1202 Skip Regulating
R-1028 Spring Washer - Skip Regulating Lever Stud
R-1203 Stud - Skip Regulating Lever
R-1332 Screw - Skip Regulating Lever Stud-Lock

GROUP 3

RIB — See Chart Top of Page

R-1163 Crank - Rib Shaft
R-1117 Screw - Rib Shaft Crank - Clamp
R-1164 Stud - Rib Shaft Crank
R-1161 Rib Shaft Collar - Left
R-1076 Screw - Rib Shaft Collar-Clamp
R-1162 Rib Shaft Collar - Right
R-1076 Screw - Rib Shaft Collar-Clamp

GROUP 4

618 and 808 Series Only

R-1166 Stud - Platten Bracket Pivot
R-2451 Platten Bracket - Left
R-2450 Platten Bracket - Right
R-2400 Platten - Left
R-2401 Platten - Right
R-1244 Screw - Platten to Bracket - Attaching
R-1167 Nut - Platten to Bracket Attaching Screw
R-1168 Nut - Platten Bracket Limit Screw-Lock
R-1114 Screw - Platten Bracket Limit
R-1171 Spring - Platten Bracket
R-1021 Spacer - Platten Bracket

GROUP 5

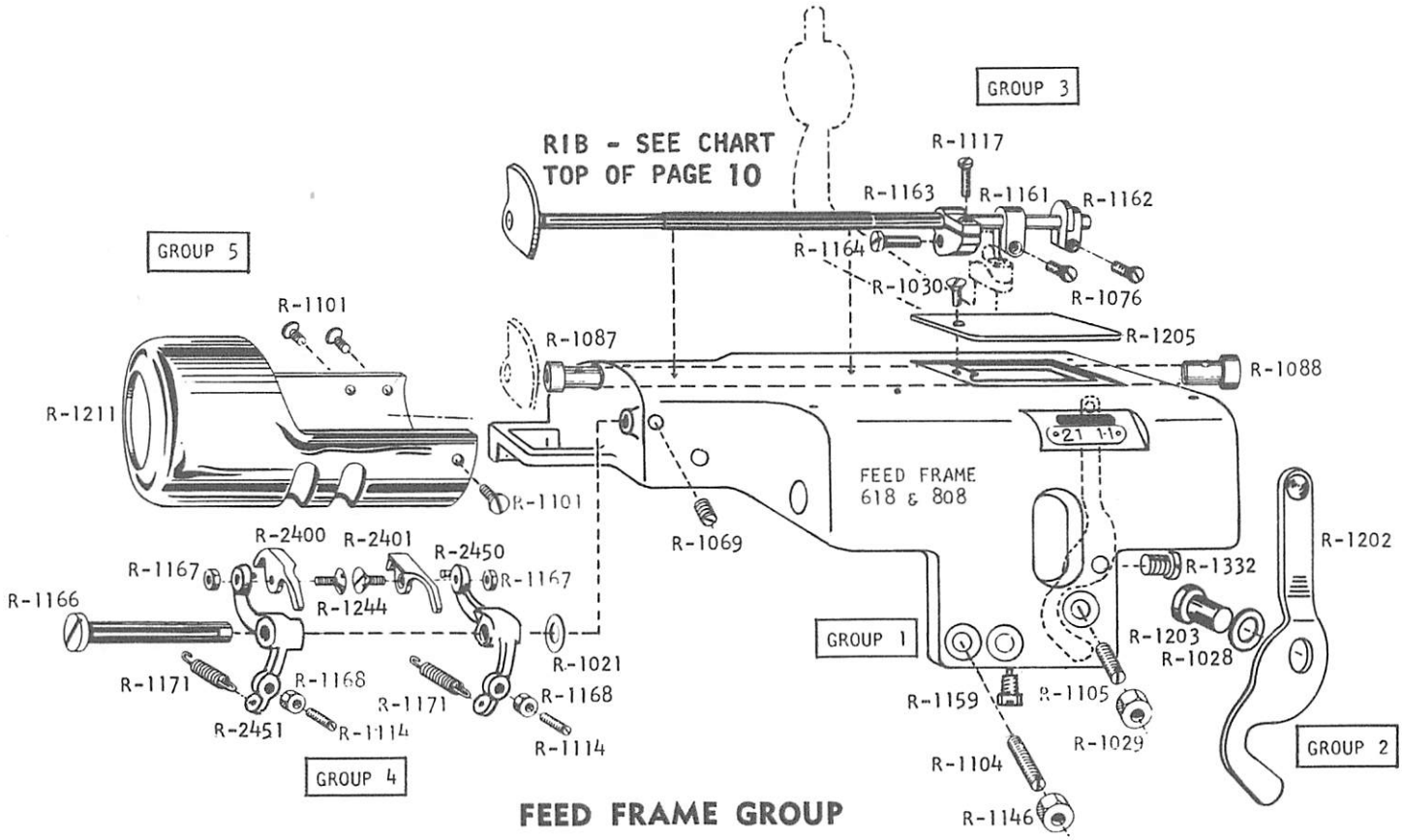
618 and 808 Series Only

R-1211 Cylinder
R-1101 Screw - Cylinder

IMPORTANT

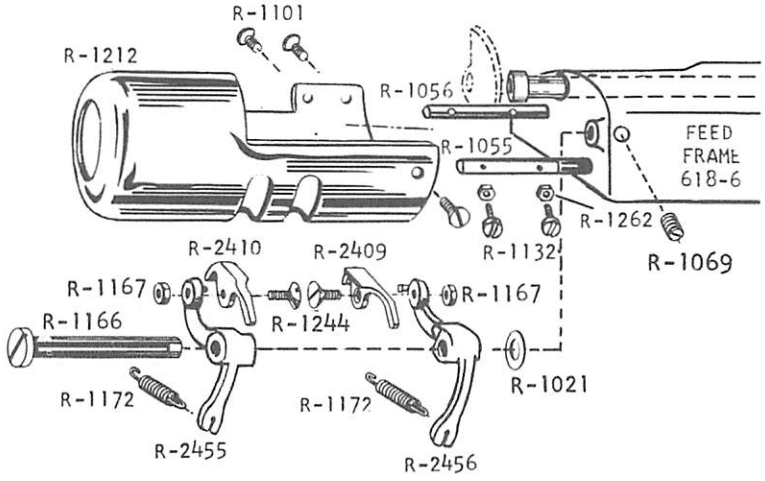
For Rex Semi-Self-Oiler Models — 818 Series

Use same part numbers as with 618 models, but add prefix "L"



FEED FRAME GROUP

618 & 808 SERIES



NARROW CYLINDER MACHINES

618-6 SERIES

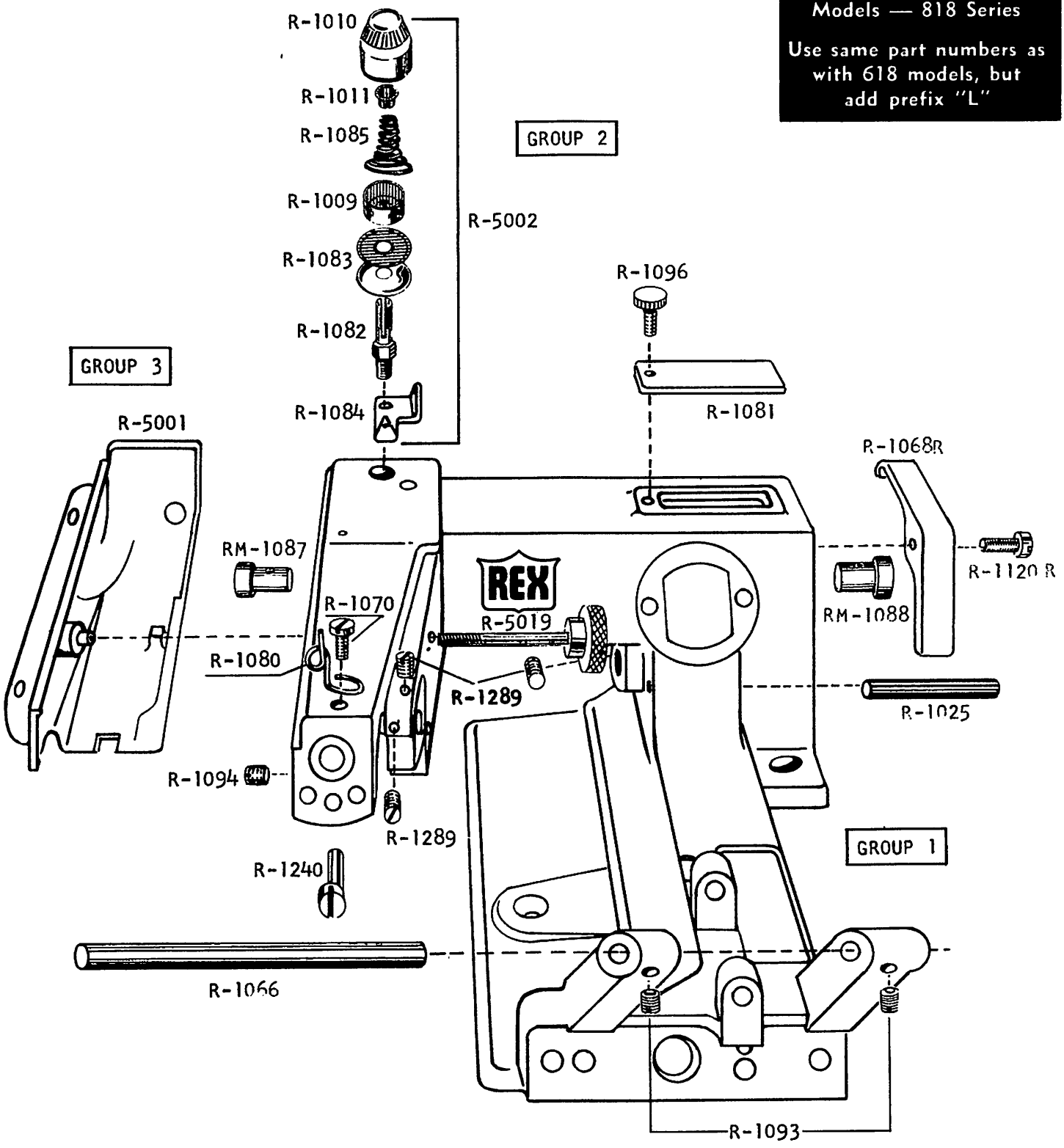
R-1166	Stud - Platten Bracket Pivot
R-2455	Platten Bracket - Left
R-2456	Platten Bracket - Right
R-2410	Platten - Left
R-2409	Platten - Right
R-1244	Screw Platten to Bracket
R-1167	Nut - Platten to Bracket Screw
R-1172	Spring - Platten Bracket
R-1021	Spacer - Platten Bracket
R-1056	Spring Post
R-1055	Stop Post
R-1132	Screw - Platten Bracket-Limit
R-1262	Nut - Platten Bracket Limit-Screw Lock
R-1212	Cylinder
R-1101	Screws - Cylinder
R-1069	Set Screw — Platten Bracket Pivot Stud

MAIN FRAME GROUP

IMPORTANT

For Rex Semi-Self-Oiler Models — 818 Series

Use same part numbers as with 618 models, but add prefix "L"



MAIN FRAME GROUP

GROUP 1

R-1066	Shaft - Feed Frame Rocker
R-1093	Set Screw - Feed Frame Shaft
R-1025	Pin - Regulating Fork-Pivot
RM-1088	Main Shaft Bushing - Right
RM-1087	Main Shaft Bushing - Left
R-1068R	Belt Guard
R-1120R	Set Screw - Belt Guard
R-1081	Cover Plate
R-1096	Screw - Cover Plate
R-1240	Eccentric Pin
R-1094	Screw - Eccentric Pin Set
R-1289	Screw - Regulating Fork-Pivot Pin Set

GROUP 2

R-5002	Tension Assembly, Complete
R-1084	Thread Guide
R-1082	Tension Post
R-1083	Tension Discs
R-1009	Cover
R-1085	Spring
R-1011	Ratchet
R-1010	Nut
R-1080	Front Thread Guide
R-1070	Screw - Front Thread Guide

GROUP 3

R-5001	Side Cover
R-5019	Screw - Side Cover

MAIN SHAFT GROUP

GROUP 1

R-1044	Main Shaft
R-1129	Gear - Skip Stitch Drive
R-1069	Screw - Skip Stitch Drive Gear Set

GROUP 2

RT-5003	Group 2, Fitted & Lapped (618 & 808)
RT-5022	Group 2, Fitted & Lapped (618-6 Series)
R-1015	Rib Connection Lever
R-1071	Screw - Rib Connecting Lever Clamp
R-1062	Rib Connection Eccentric
R-1120	Screw - Rib Lever Eccentric

GROUP 3

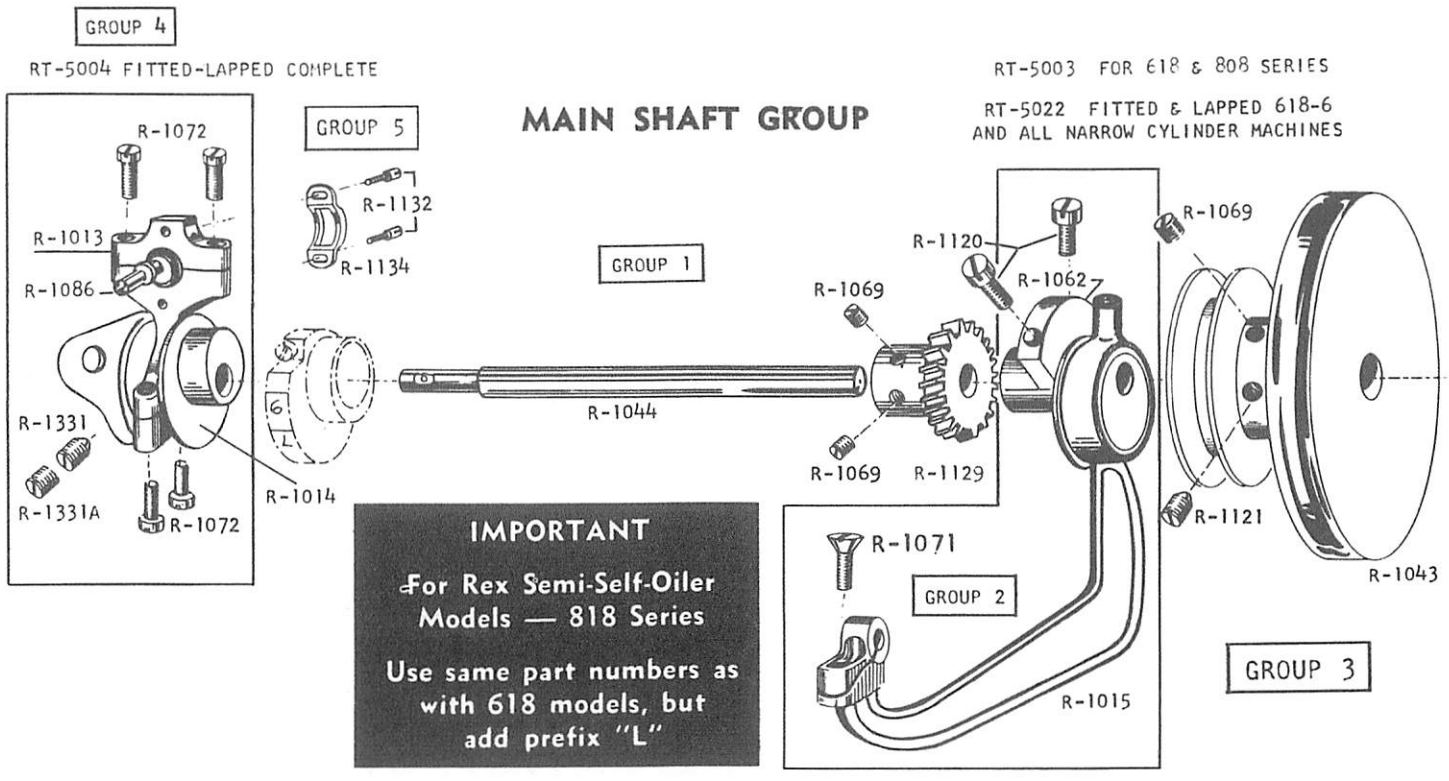
R-1043	Handwheel
R-1121	Screw - Handwheel Set (Cone Point)
R-1069	Screw - Handwheel Set

GROUP 4

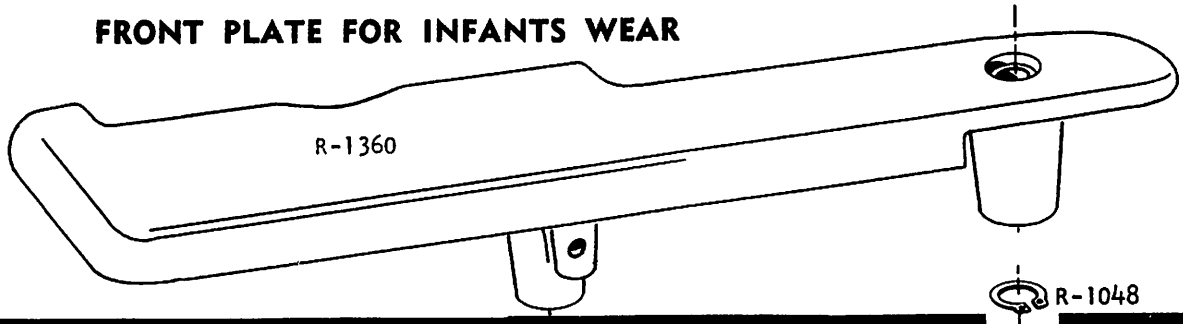
RT-5004	Group 4, Fitted and Lapped
R-1014	Needle and Feed Eccentric
R-1331	Set Screw - (Cone Point) Feed Eccentric
R-1331A	Screw - (Flat) Eccentric Set-Lock
R-1013	Needle Shaft and Feed Connection
R-1086	Eccentric Ball Stud
R-1072	Screw - Needle Connection

GROUP 5

R-1134	Eccentric Ball Guard
R-1132	Screw - Eccentric Ball Guard



FRONT PLATE FOR INFANTS WEAR

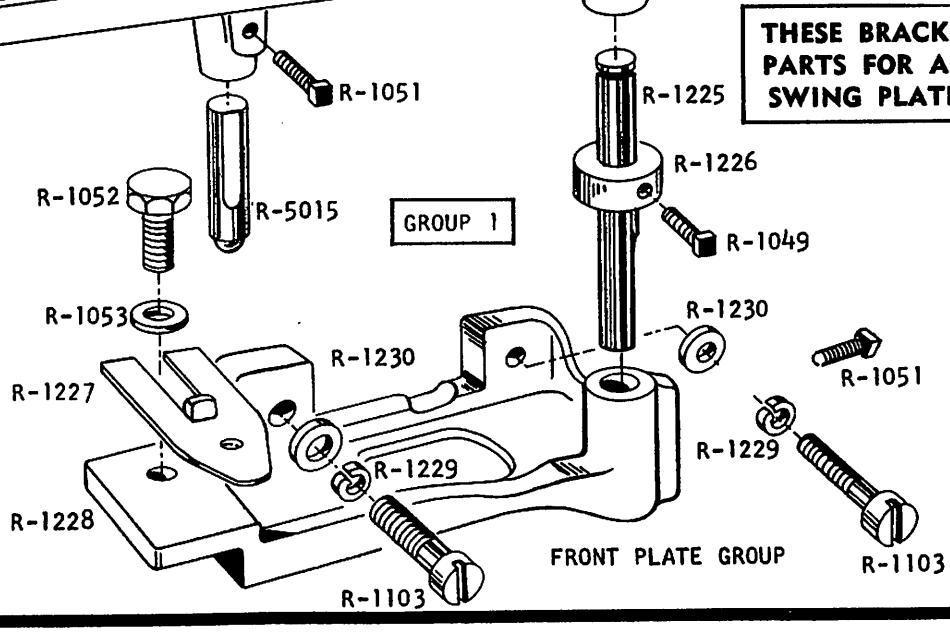


R-1048

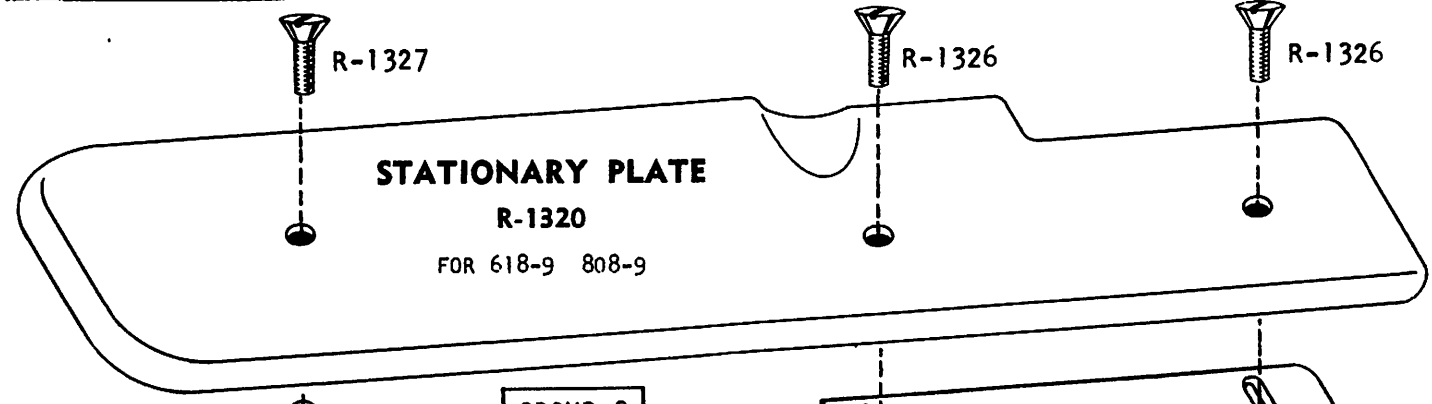
R-1200
FOR ALL MODELS 618 EXCEPT 618-9

FOR ALL MODELS WITH SMALL CYLINDERS
USE FRONT PLATE NO. 1200-6

THESE BRACKET PARTS FOR ALL SWING PLATES

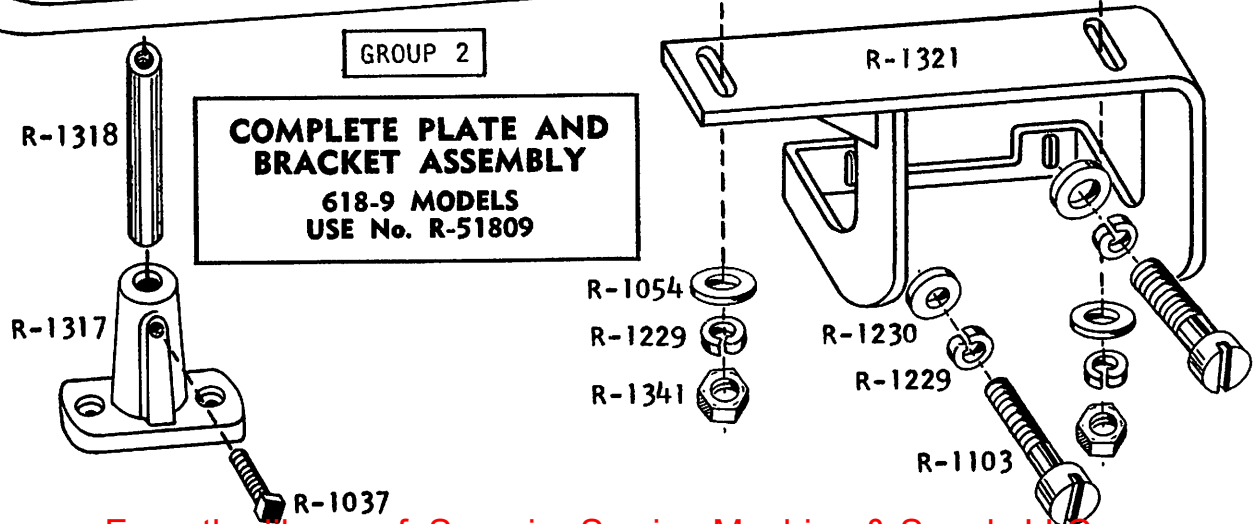


COMPLETE PLATE AND BRACKET ASSEMBLY
FOR ALL 618 MODELS
USE No. R-5180
618-6 MODELS (Small Cylinder)
USE No. R-5180-6



GROUP 2

COMPLETE PLATE AND BRACKET ASSEMBLY
618-9 MODELS
USE No. R-51809



FRONT PLATE GROUP AND SUPPORT BRACKETS
(Except Models 618-9 and 808-F)

GROUP 1

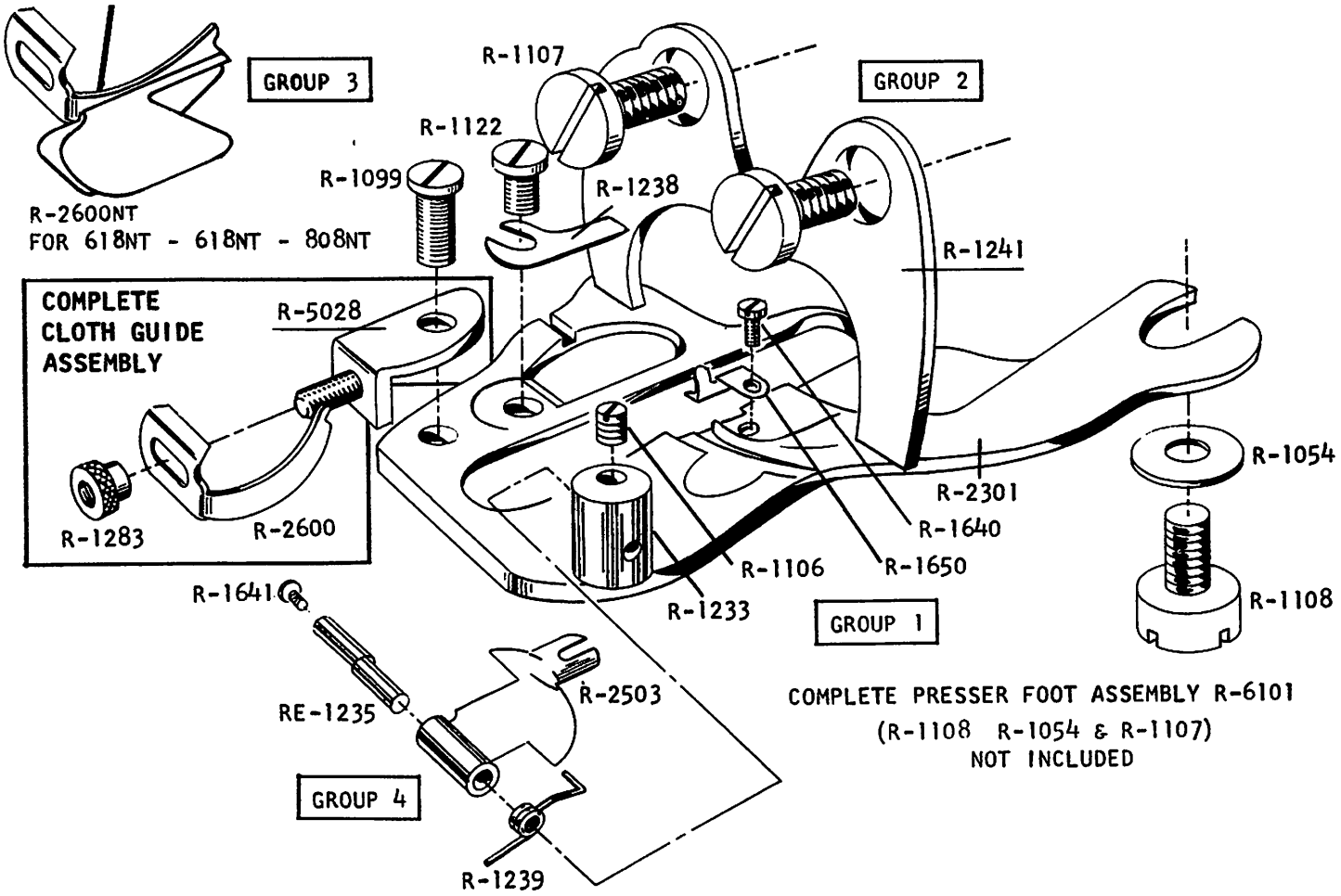
R-5180	Complete Plate and Bracket Assembly (618 and 808)
R-5180-6	Complete Plate and Bracket Assembly (618-6 Series)
R-1200	Swing Plate (618 and 808)
R-1200-6	Swing Plate (618-6 Series)
R-1360	Swing Plate For Infants Wear
R-5015	Support Shaft Assembly
R-1051	Screw - Pivot Pin-Lock
R-1228	Bracket - Swing Plate-Support
R-1052	Screw - Stop Plate
R-1053	Washer - Stop Plate Screw
R-1227	Stop Plate
R-1230	Washers (Flat) - Swing Plate Support Bracket Screw
R-1229	Washers (Lock) - Swing Plate Support Bracket Screw
R-1103	Screw - Swing Plate Support Bracket
R-1230	Washer (Flat) - Swing Plate Support Bracket Screw
R-1229	Washer (Lock) - Swing Plate Support Bracket Screw
R-1103	Screw - Swing Plate Support Bracket
R-1225	Pin - Swing Plate Pivot
R-1048	Retaining Ring - Swing Plate Pivot Pin
R-1226	Collar - Swing Plate Pivot Pin
R-1049	Set Screw - Swing Plate Pivot Pin Collar
R-1051	Screw - Swing Plate Pivot Pin-Lock

GROUP 2 **Models 618-9 and 808-F**

R-51809	Complete Plate and Bracket Assembly (618-9 Models)
R-1320	Stationary Plate (618-9 and 808-9)
R-1321	Bracket Stationary Plate
R-1326	Screw - Stationary Plate to Bracket
R-1054	Washer (Flat) - Plate Screw
R-1229	Washer (Lock) - Plate Screw
R-1341	Nut - Plate Screw
R-1230	Washer (Flat) - Bracket Support
R-1229	Washer (Lock) - Bracket Support
R-1103	Screw - Bracket Support
R-1317	Support - Stationary Plate
R-1318	Extension Support, Adjustable
R-1037	Screw - Extension Support, Lock
R-1327	Screw - Plate to Support

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

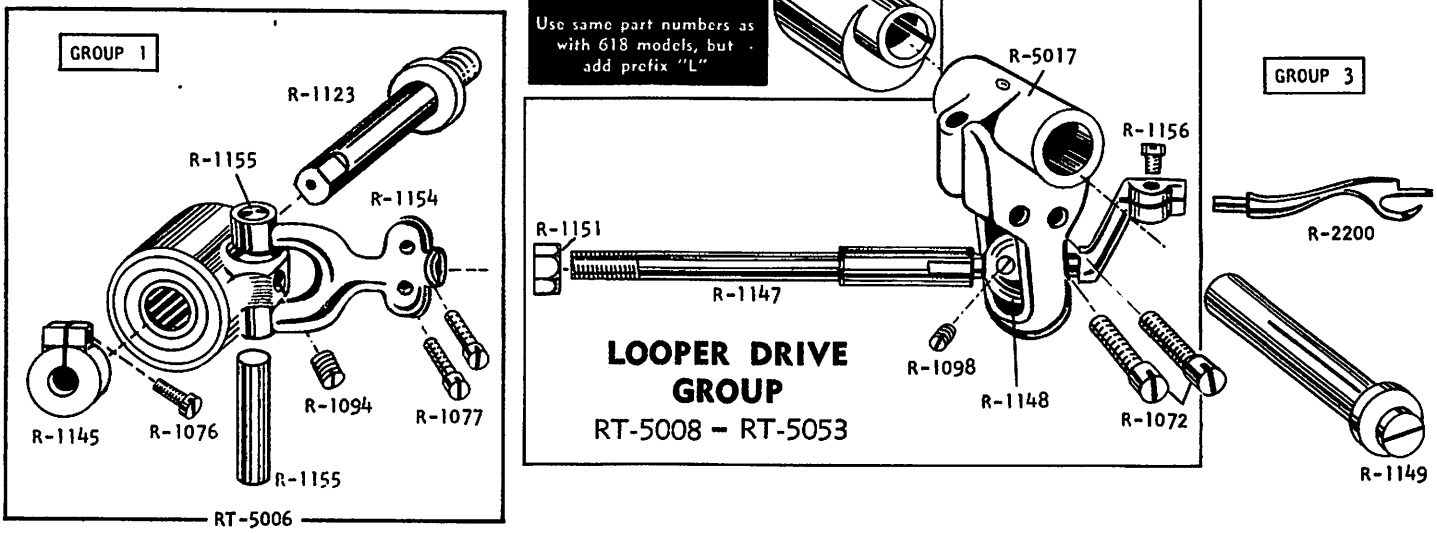
PRESSERFOOT GROUP



NOTE: When ordering, specify part number and model of machine and serial number.

DESCRIPTION AND PART NUMBER	MODELS								
	618 618-6 808	618-1 618-9SP 618-C6 808-1 808-9 808-9SP	618-2 808-2	618-A 808-A	618-C 808-C	618-K 618-K6 808-K	618-N 618-N6 808-N	618-NT 618-NT6 808-NT	618-9 808-9
Complete Presserfoot Assy.	R-6101	R-6100	R-6100	R-6100	R-6100	R-6100	R-6102	R-6105NT	R-6100
Presserfoot	R-2301	R-2300	R-2300	R-2300	R-2300	R-2300	R-2302	R-2305NT	R-2300
Washer - Presserfoot	R-1054	R-1054	R-1054	R-1054	R-1054	R-1054	R-1054	R-1054	R-1054
Screw - Presserfoot	R-1108	R-1108	R-1108	R-1108	R-1108	R-1108	R-1108	R-1108	R-1108
Shoe	R-2503	R-2500	R-2501	R-2502	R-2501	R-2500	R-2504	R-2500NT	R-2500
Pin - Eccentric	E-1235	E-1235	E-1235	E-1235	E-1235	E-1235	E-1235	E-1235	E-1235
Screw - Eccentric Pin	R-1641	R-1641	R-1641	R-1641	R-1641	R-1641	R-1641	R-1641	R-1641
Needle Guide	R-1238	R-1238	R-1238	R-1238	R-1238	R-1238	R-1238	R-1238	R-1266
Screw - Needle Guide	R-1122	R-1122	R-1122	R-1122	R-1122	R-1122	R-1122	R-1122	R-1122
Cloth Guide	R-2600	R-2600	R-2601	R-2601	R-2600	R-2600	R-2600	R-2600NT	R-2600
Nut - Cloth Guide	R-1283	R-1283	R-1283	R-1283	R-1283	R-1283	R-1283	R-1283	R-1283
Guide Bracket	R-5028	R-5028	R-5028	R-5028	R-5028	R-5028	R-5028	R-5028	R-5028
Screw - Bracket	R-1099	R-1099	R-1099	R-1099	R-1099	R-1099	R-1099	R-1099	R-1099
Shoe Post	R-1233	R-1233	R-1233	R-1233	R-1233	R-1233	R-1233	R-1233	R-1233
Screw - Shoe Post	R-1106	R-1106	R-1106	R-1106	R-1106	R-1106	R-1106	R-1106	R-1106
Chain-off Pin	R-1650	R-1650	R-1650	R-1650	R-1650	R-1650	R-1650	R-1650	R-1650
Screw - Chain-off Pin	R-1640	R-1640	R-1640	R-1640	R-1640	R-1640	R-1640	R-1640	R-1640
Presserfoot Bridge	R-1241	R-1241	R-1241	R-1241	R-1241	R-1241	R-1241	R-1241	R-1241
Screw - Bridge	R-1107	R-1107	R-1107	R-1107	R-1107	R-1107	R-1107	R-1107	R-1107

LOOPER ROD FORK SLEEVE ASSEMBLY — RT5006



GROUP 1

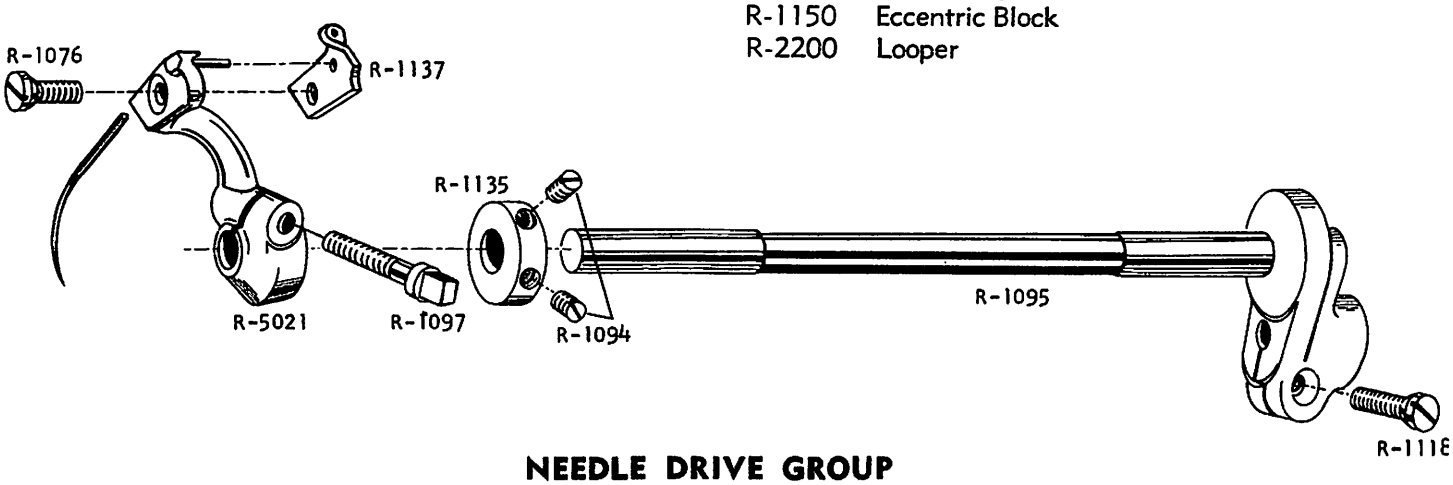
RT-5006	Looper Rod Fork and Sleeve Assembly
R-1154	Looper Rod Fork
R-1155A	Looper Rod Sleeve
R-1155	Pin - Fork and Sleeve
R-1094	Set Screw - Fork and Sleeve Pin
R-1123	Stud - Looper Rod Sleeve
R-1145	Collar - Sleeve Stud
R-1076	Screw - Stud Collar
R-1077	Screw - Looper Rod Fork-Clamp

GROUP 2

RT-5008	Looper Rod and Carrier Complete (618 & 808)
RT-5053	Looper Rod and Carrier Complete (618-6)
R-5017	Looper Rod Carrier
R-1148	Looper Rod Ball
R-1098	Set Screw - Looper Rod Ball
R-1147	Looper Rod
R-1151	Nut - Looper Rod-Lock
R-1156	Screw - Looper Clamp
R-1072	Screw - Looper Rod Carrier-Clamp

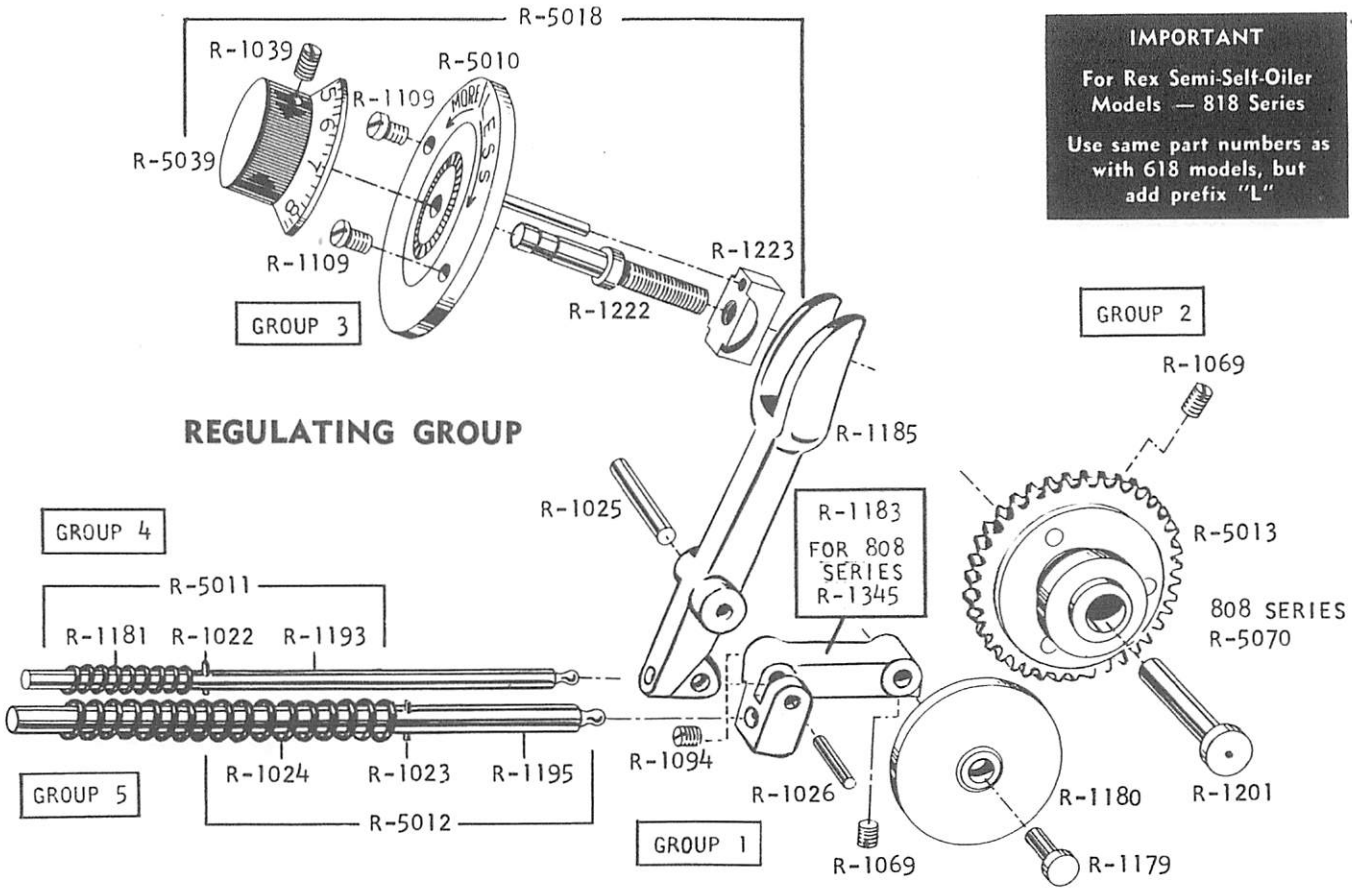
GROUP 3

R-1149	Stud - Looper Rod Carrier
R-1150	Eccentric Block
R-2200	Looper



NEEDLE DRIVE GROUP

R-5021	Needle Lever
R-1097	Screw - Needle Lever Clamp
R-1137	Needle Clamp
R-1076	Screw - Needle Clamp
R-1095	Needle Shaft
R-1118	Screw - Eccentric Ball Clamp
R-1135	Collar - Needle Shaft
R-1094	Set Screw - Needle Shaft Collar



IMPORTANT

For Rex Semi-Self-Oiler Models — 818 Series

Use same part numbers as with 618 models, but add prefix "L"

GROUP 1

R-1183	Support Arm - Cam Roller - 618 and 618-6 Series
R-1345	Support Arm - Cam Roller - 808 Series
R-1185	Regulating Fork
R-1025	Pin - Regulating Fork-Pivot
R-1026	Pin - Roller Support Arm-Pivot
R-1094	Screw - Roller Support Arm Pivot Pin-Set
R-1180	Cam Roller
R-1179	Pin - Cam Roller Support
R-1069	Screw — Cam Roller Support Pin-Set

GROUP 2

R-5013	Skip Eccentric Gear Assembly (618 Series)
R-5070	Skip Eccentric Gear Assembly (808 Series)
R-1201	Pin - Skip Eccentric Gear
R-1069	Screw - Skip Eccentric Gear

GROUP 3

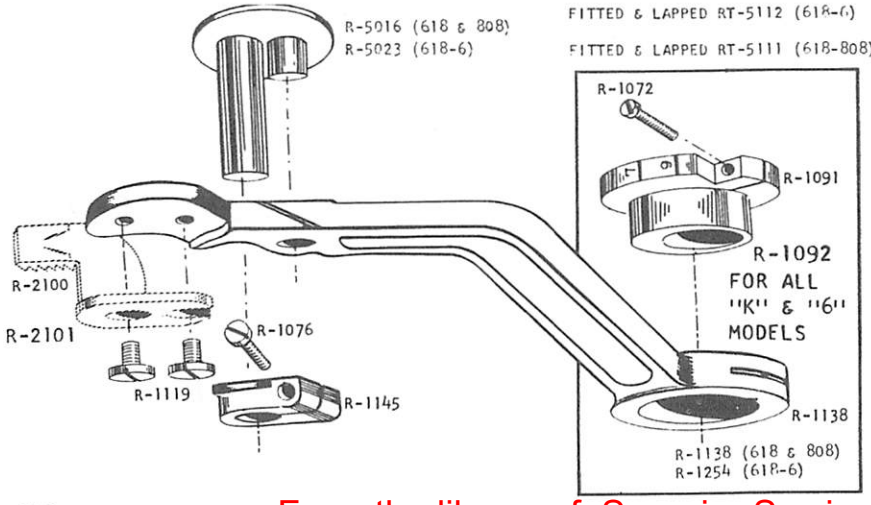
R-5018	Regulating Dial Assembly
R-1223	Regulating Dial Shoe
R-1222	Regulating Dial Screw
R-5010	Face Plate and Guide Pin Assembly
R-1109	Screw - Regulating Dial Assembly
R-5039	Dial and Ratchet Assembly
R-1039	Screw - Dial and Ratchet Assembly-Lock

GROUP 4

R-5011	Push Rod Assembly
R-1193	Push Rod (1/4")
R-1022	Cotter Pin
R-1181	Spring - Push Rod (1/4")

GROUP 5

R-5012	Push Rod Assembly
R-1195	Push Rod (3/8")
R-1023	Cotter Pin
R-1024	Spring - Push Rod (3/8")



FEED DRIVE GROUP

R-1138	Feed Lever
R-1254	Feed Lever For 618-6 Series
R-1091	Stitch Regulating Collar
R-1092	Stitch Regulating Collar For 618-K and 618-K6
R-1072	Screw-Stitch Regulating Collar-Clamp
R-5016	Rocker Pin Assembly
R-5023	Rocker Pin Assembly For 618-6 Series
R-1145	Collar - Rocker Pin
R-1076	Screw - Rocker Pin Collar - Clamp
R-2100	Feed Dog
R-2101	Feed Dog Fine, 20 Teeth to Inch.
R-1119	Screw - Feed Dog
RT-59138	(1091 & 1138) Fitted and Lapped (618 & 808)
RT-59254	(1092 & 1254) Fitted and Lapped (618-6)

GROUP 1

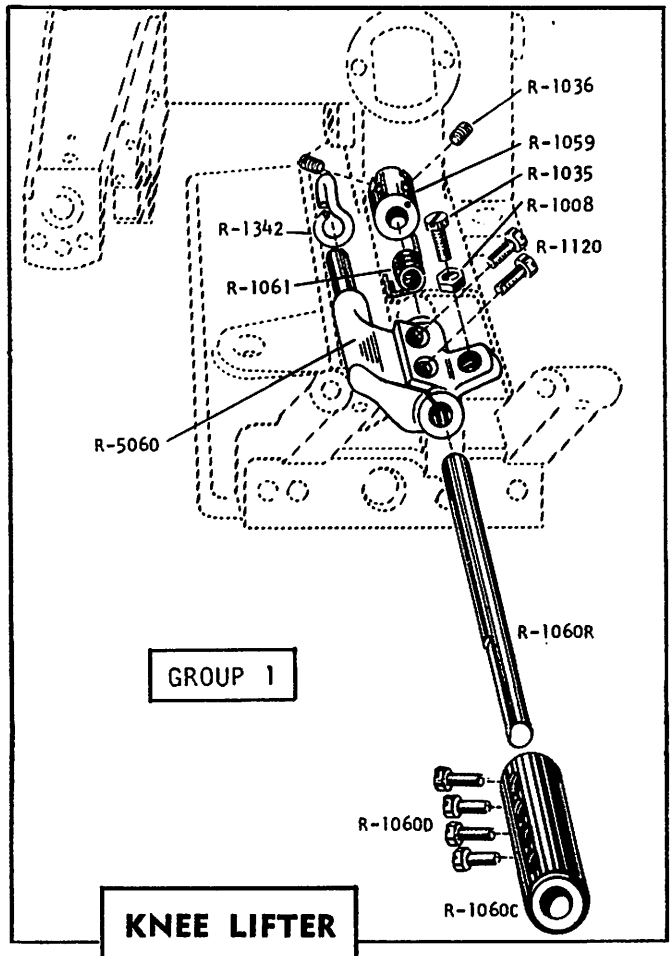
R-1060R Knee Lifter Rod Shaft
R-5060 Lift Arm
R-1120 Screw - Lift Arm Clamp
R-1008 Nut - Lift Arm Adjusting Screw-Lock
R-1035 Screw - Lift Arm Adjustment
R-1061 Spring - Knee Lifter Rod-Return
R-1059 Collar - Knee Lifter Rod
R-1036 Set Screw - Knee Lifter Rod Collar
R-1334 Feed Frame "S" Hook
R-1060C Knee Lifter Rod Sleeve
R-1060D Knee Lifter Rod Sleeve Screws

GROUP 2

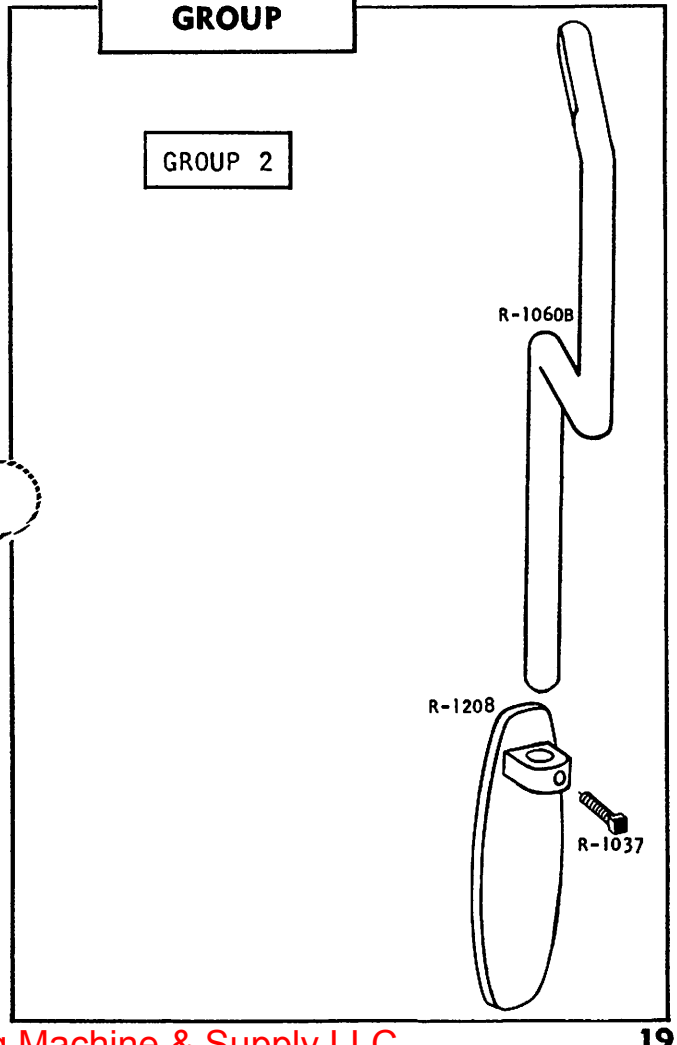
R-1060B Knee Lifter Rod
R-1208 Knee Pad
R-1037 Knee Pad Screw

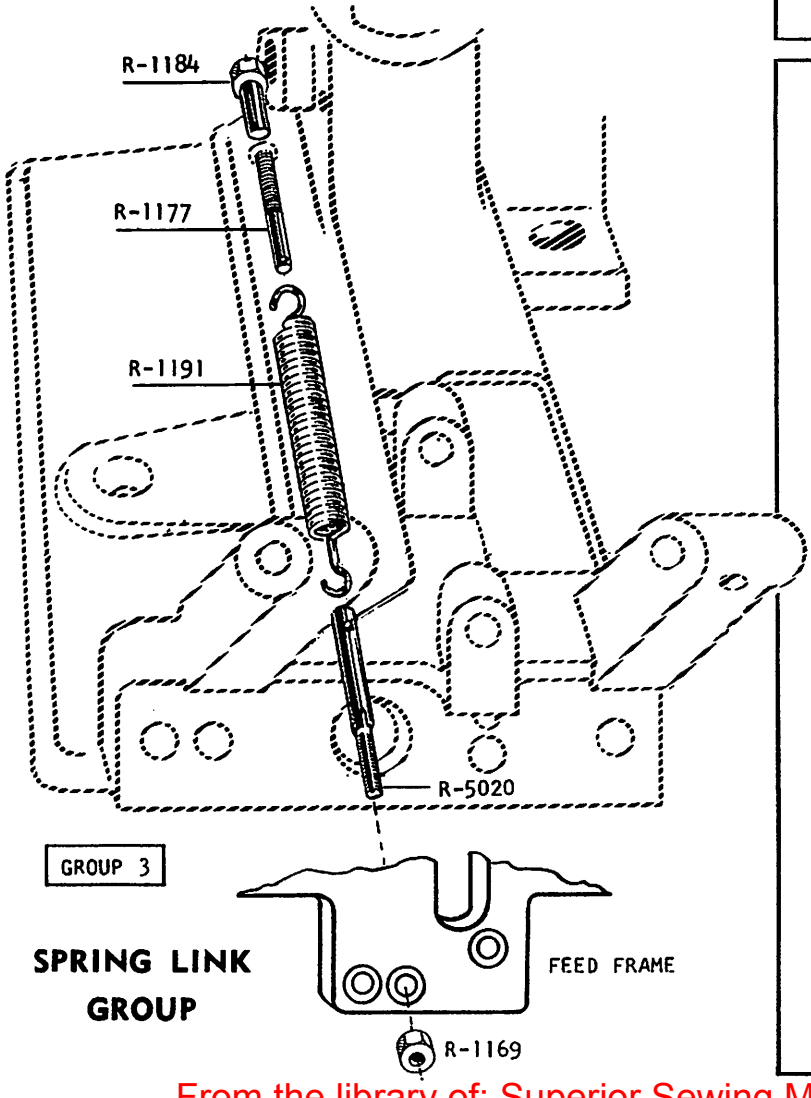
GROUP 3

R-5020 Spring Link Assembly
R-1191 Main Spring
R-1177 Screw - Main Spring Link
R-1184 Nut - Main Spring Adjusting
R-1169 Nut - Spring Link Assembly-Retaining

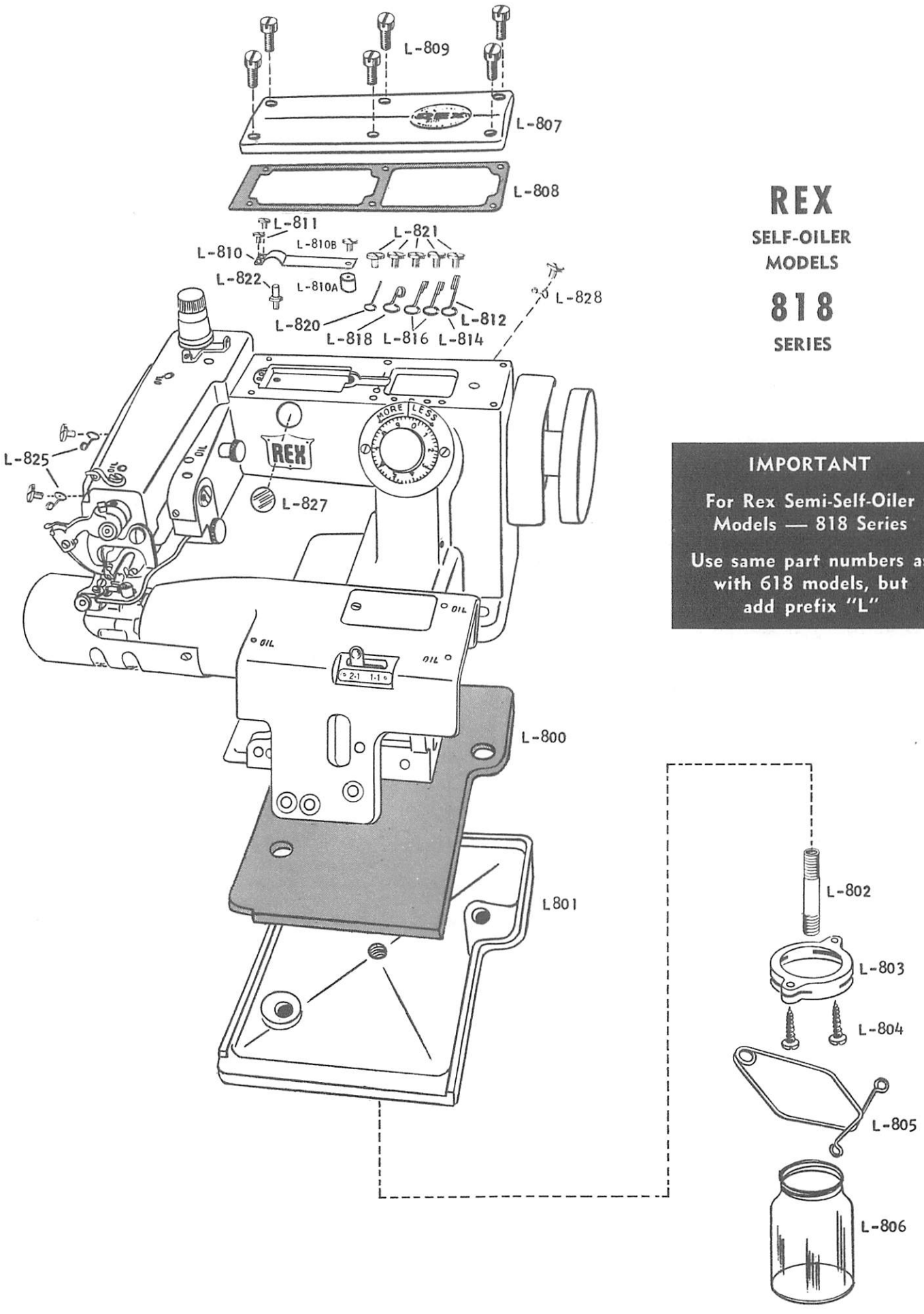


KNEE LIFTER GROUP





SPRING LINK GROUP



REX

SELF-OILER MODELS

818

SERIES

IMPORTANT

For Rex Semi-Self-Oiler Models — 818 Series

Use same part numbers as with 618 models, but add prefix "L"

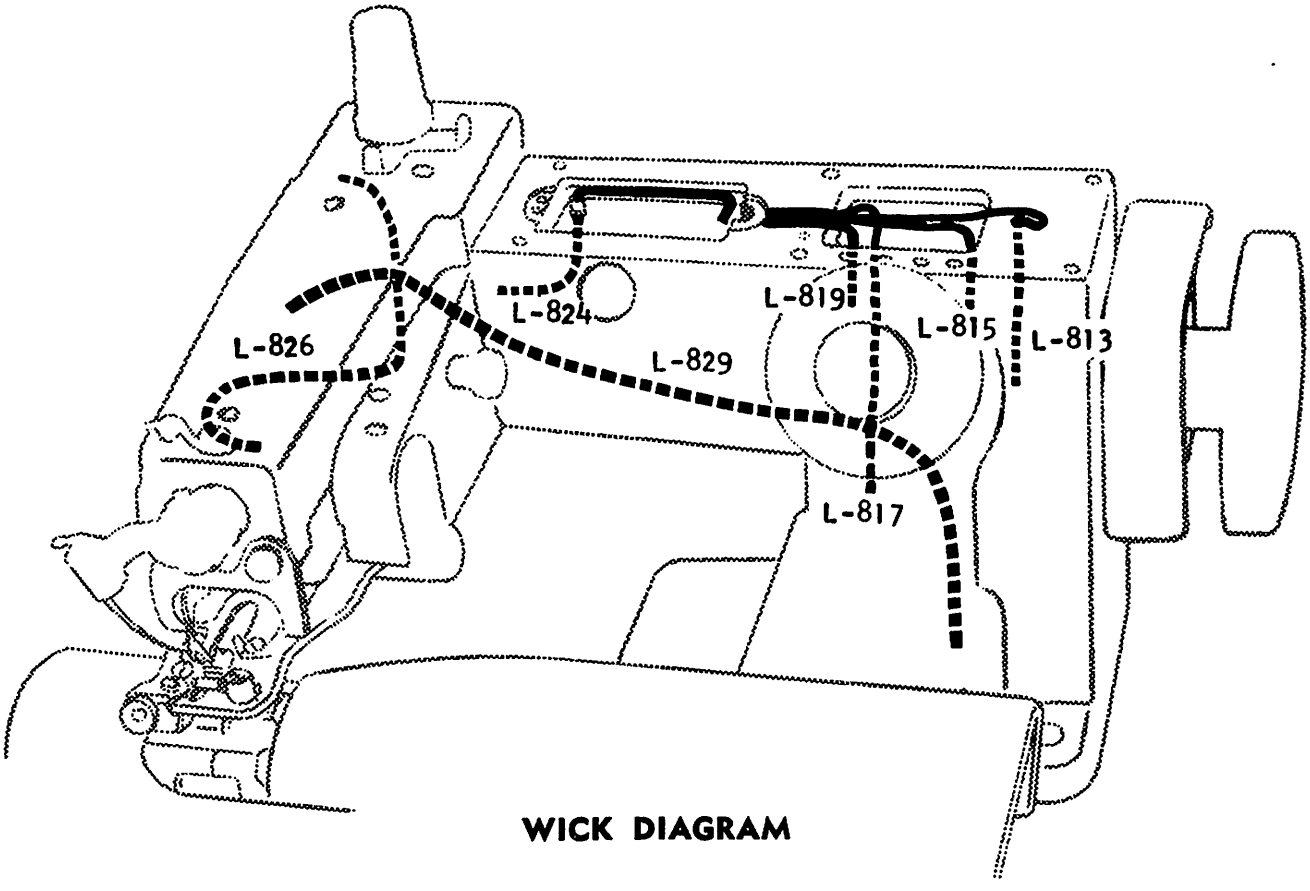
IMPORTANT – For Rex Self-Oiler Models – 818 SERIES

Use same part numbers as with 618 models, but add prefix "L".

Example: Needleshaft (618 models) Part No. R-1095
Needleshaft (818 models) Part No. LR-1095

PARTS LISTED BELOW ARE USED EXCLUSIVELY ON REX SELF-OILERS (818 MODELS).

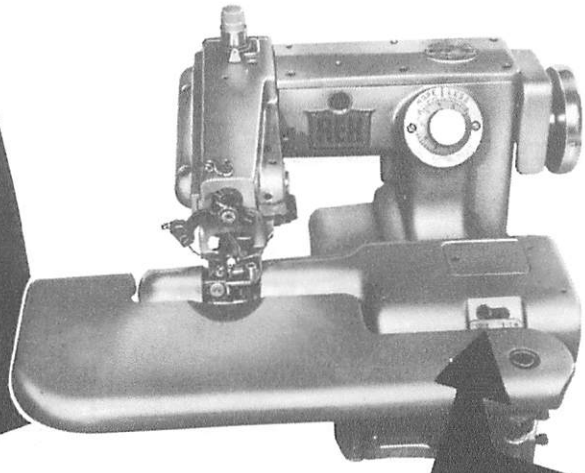
L-800 Felt Pad - Base
L-801 Base - Machine
L-802 Nipple - Base
L-803 Holder - Oil Bottle
L-804 Screws - Holder
L-805 Spring Clamp - Bottle Holder
L-806 Oil Bottle
L-807 Cover - Main Frame
L-808 Gasket - Cover
L-809 Screws - Cover
L-810 Oil Vibrator
L-810A Spring - Oil Vibrator
L-810B Screw - Oil Vibrator
L-811 Screws - Splasher
L-812 Wire Loop Holder - Wick L-813
L-813 Wick - Bushing
L-814 Wire Loop Holder - Wick L-815
L-815 Wick - Rib Connection Lever
L-816 Wire Loop Holder - Wick L-817
L-817 Wick - Skip Eccentric Gear
L-818 Wire Loop Holder - Wick L-819
L-819 Wick - Skip Stitch Gear Drive
L-820 Wire Holder - Wicks
L-821 Screws - Wire Loop Holders
L-822 Nipple - Wick L-824
L-824 Wick - Main Shaft
L-825 Wire Loop Holder - Wick L-826
L-826 Wick - Looper Rod Carrier
L-827 Glass - Oil Gauge
L-828 Wire Loop Holder - Wick 829
L-829 Wick - Drain From Side Cover To Base



WICK DIAGRAM

REX BLINDSTITCH MACHINES

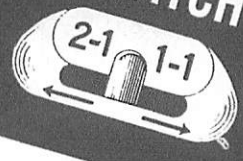
NEW
FIRST AND ONLY
SELF-OILER
BLINDSTITCH
PIONEERED AND DEVELOPED BY REX



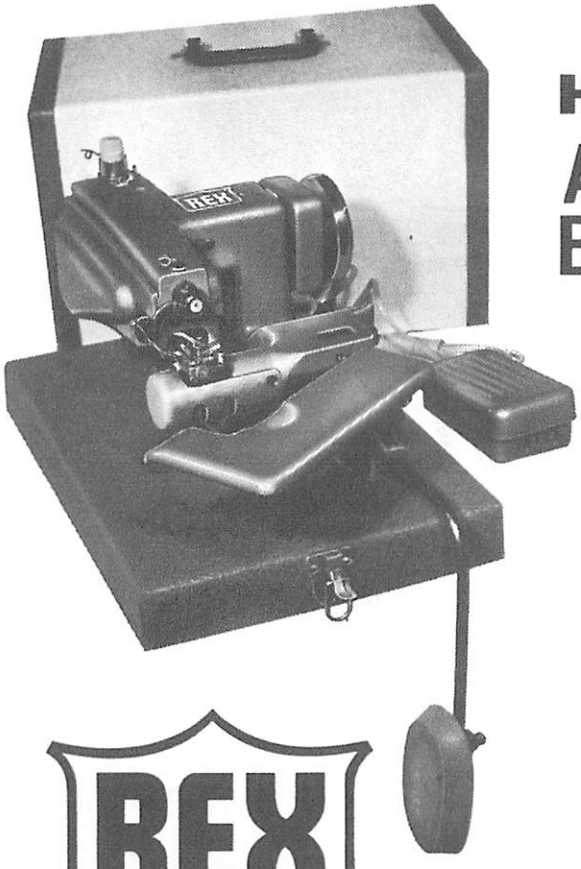
REX 818 SERIES
Semi-Automatic Oilers

Now, from REX, a brand new self-oiling Blindstitch machine. Many outstanding features include extra small cylinder, 4″ distance from gauge to feed frame (more than any other machine on the market), convenient switch-the-stitch control on face of machine for 2 to 1 and 1 to 1 stitch ratio.

NEW UP FRONT CONTROLS TO SWITCH THE STITCH
2 - 1 to 1 - 1



REX MODEL 818 — SEMI-AUTOMATIC OILER
REX MODEL 618 — NON SELF-OILER
(Stitch Ratio 2-to-1 and 1-to-1)
(Stitch Ratio 1-to-1)



HERE AT LAST...

A TRULY PORTABLE BLINDSTITCH MACHINE

New, from REX, model 990.

Often claimed, but never accomplished until now! Lightweight, small, compact . . . easy to carry in sturdy case. Ideal for on-the-premise alterations of dresses and draperies. Use swing plate and cylinder for pants, cuffs and sleeve operations. Feather touch knee lifter . . . rheostat speed control . . . quality workmanship. Fully contained, ready to travel. Smallest Blindstitch available to do a FULL SIZE job.

REX

WORLD-WIDE ACCEPTANCE -- MODELS FOR EVERY PURPOSE

NOW

ALL REX 618 MODELS
(Stitch Ratio 2-to-1 and 1-to-1)
AVAILABLE IN
818 SERIES
SEMI-AUTOMATIC OILERS

REX

ALL REX 900 MODELS
(Stitch Ratio 1-to-1)
AVAILABLE IN
999 SERIES
SEMI-AUTOMATIC OILERS

OVER 100 REX BLINDSTITCH MODELS . . .

A REX MODEL TO SERVE EVERY NEED — STANDARD OR CUSTOM BUILT

DRESSES

Model	
618	Silk, cotton, all lightweights
618-6	For small sleeve openings — also hemming and felling
618-1	All man-made fabrics and hard materials
618-N	Fine dress and negligees of fine silk voile and Nylon Tricot — small running stitch
618-NT	Especially for Nylon Tricot, fine knitwear and rayons with special uncurling hemmer
618-NT-6	Same as 618-NT with small cylinder

SPORTSWEAR

Model	
618-C	Cottons, synthetics, light corduroys and woolens
618-C-6	Narrow cylinder for sleeve and leg openings
900-CS	1-to-1 stitch on light corduroy, cottons and synthetics
900-CS-6	Small cylinder for leg openings — plate optional

PANTS

Model	
900-PB	Worsted and woolen trouser cuffs
900-PB-6	Small cylinder for narrow sleeve and trouser openings
900-PB-1	A retail store must — expressly for cuffing bottoms of no cuff trousers . . . light, sheer and medium fabrics
900-PBW	For heavy material, lined and unlined corduroy pants and blue jeans
900-WB	For felling waistbands
900-TW	Fells buckram under the waistband

DRAPERIES

Model	
618-9	For hemming draperies and curtains exclusively on fiberglass, chintz, synthetics and every type weight material
618-9-SP	Same as 618-9 but with small swing plate
900-9-DP	Double pulley for large scale production. Fiberglass, polished cottons, muslins, etc. Large work plate. 1-to-1 stitch ratio
900-9	Same as 900-9-DP but with only one pulley
900-9-SP	Same as 900-9 but with small swing plate

MEN'S CLOTHING

Model	
900-LP	Padding heavy coats, collars and lapels, tacking pockets and turning-up coat bottoms. No plate or bracket
900-LP-1	All weight materials, synthetics, wash and wear man-made fibers
900-LP-2	Padding top coats and overcoats
900-T	Tacking facings on jackets and coats
900-T-1	For top coats and overcoats
900-T-2	Same as 900-T but for synthetics and tropical sack coats, wash and wear

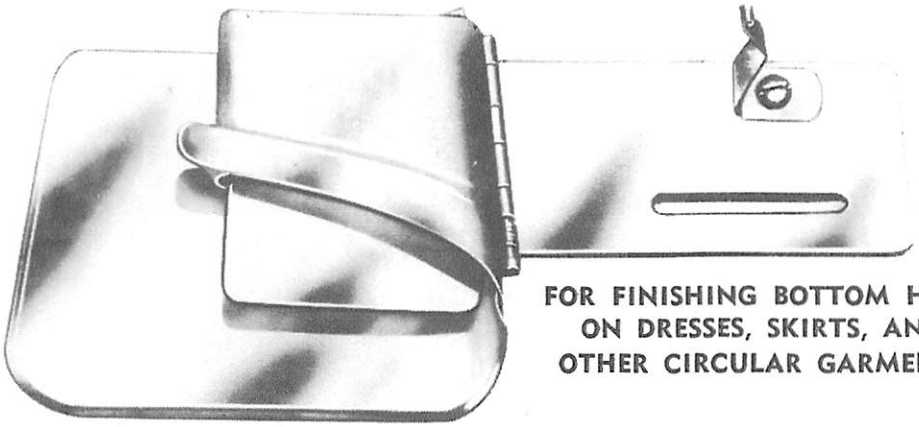
ALTERATION DEPTS.

Model	
618-2	For dresses, coat bottoms, skirts, trouser cuffs, draperies and reinforcing
618-A	Expressly for ladies wear specialty dress shops and department stores
900-PB-1	For fine pants and tropicals cuffless
900-PB	For woolens and tuxedos

WORLD-WIDE ACCEPTANCE -- MODELS FOR EVERY PURPOSE

FROM THE REX ALL-PURPOSE BLINDSTITCH FOR THE ALTERATION SHOP TO SPECIAL MODIFIED REX BLINDSTITCH MACHINES . . . EACH DESIGNED TO DO A SPECIFIC JOB . . . ACCURATELY . . . ECONOMICALLY . . . QUICKLY.

STAINLESS STEEL HEMMERS



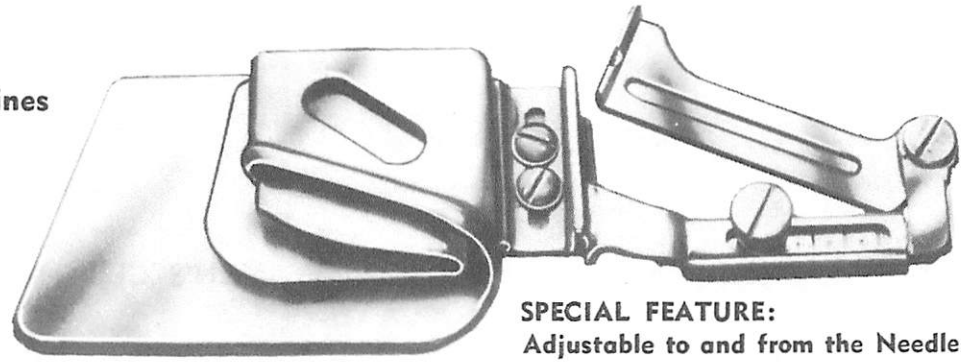
FOR FINISHING BOTTOM HEMS ON DRESSES, SKIRTS, AND OTHER CIRCULAR GARMENTS.

LATCH BLINDSTITCH HEMMER R-2000

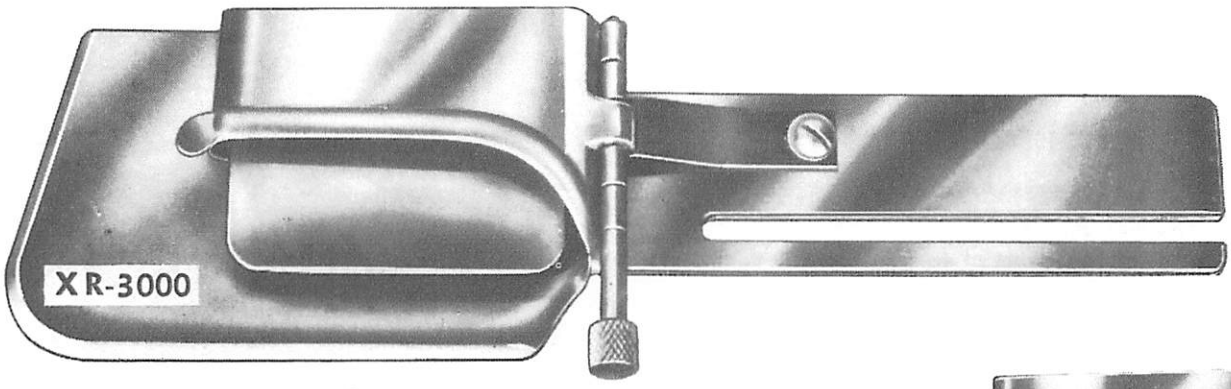
1"	2½"
1¼"	3"
1½"	3½"
2"	4"

SWING HEMMER For BLINDSTITCH Machines (Clean Finish) R-1000

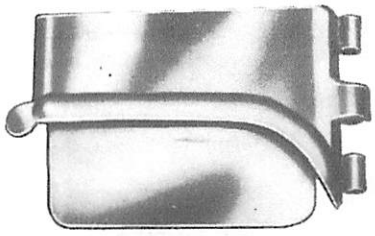
¼"	1¼"	3½"
⅜"	1½"	4"
½"	1¾"	
⅝"	2"	
¾"	2½"	
1"	3"	



SPECIAL FEATURE:
Adjustable to and from the Needle Point



ADJUSTABLE SPLIT HEMMER For BLINDSTITCH Machines



Complete with any 5 size shells
½"; 1"; 1¼"; 1½"; 2"; 2½"; 3"
SPECIFY SIZE OF SHELLS WHEN ORDERING

IMPORTANT

For Rex Semi-Self-Oiler Models — 818 Series

Use same part numbers as with 618 models, but add prefix "L"

ACCESSORY GROUP

DESCRIPTION	PART No.
Bolt — Machine Mounting	R4513
Wing Nut — Machine Mounting Bolt Attaching	R4541
Washer — Machine Mounting Bolt (1 3/8" O.D.)	R4505
Washer — Machine Mounting Bolt (1" O.D.)	R4546
Felt Pad — Machine Mounting	R4543
Rubber Pad — Knee Lifter	R4544
Cotton Stand — Base and Spool Post Assembly	R9527
Thread Post	R4545
Wood Screw — Cotton Stand Attaching	R4533
Oil Can	R9528
Screwdriver	R9529

REX

AGENTS WORLD WIDE

REX BLINDSTITCH MACHINE CORP.

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