

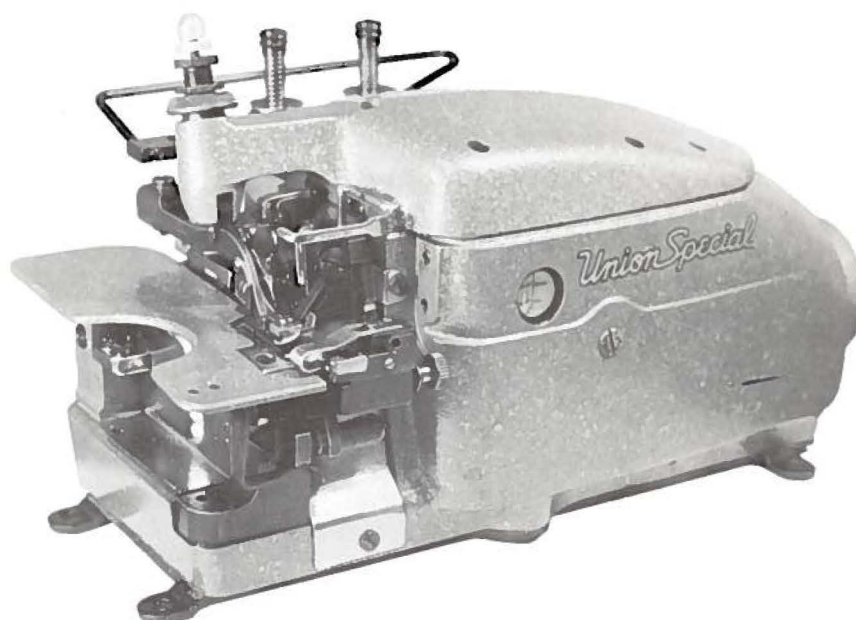
FINEST QUALITY

Union Special®

LEWIS • COLUMBIA

**INDUSTRIAL
SEWING
MACHINES**

**STYLE
39500R**



**CATALOG
No.
103T**

CLASS 39500

STREAMLINED

HIGH SPEED OVERSEAMERS

Union Special **MACHINE COMPANY**

CHICAGO

From the library of: Superior Sewing Machine & Supply LLC

INDUSTRIAL SEWING MACHINES

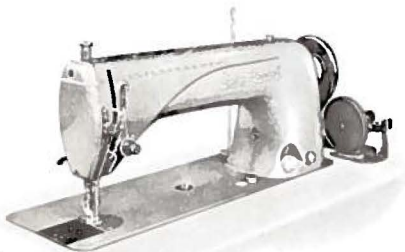
... for Every Purpose!

Job requirements vary — that's why Union Special builds a wide variety of specially designed sewing machines. It is also the reason why Union Special field representatives make a careful study of requirements before giving you detailed recommendations on the kind of equipment to install. Plants equipped with modern, high speed Union Specials have an important advantage. Union Special machines are built to do the job faster . . . better . . . cheaper, and they stay on the job with minimum time out for repairs. You're ahead when you use Union Special.



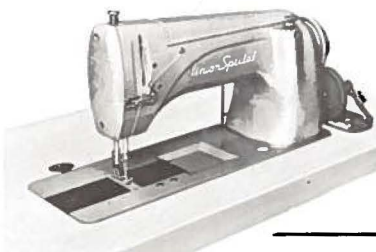
50000 SERIES MACHINES

The thousands of manufacturers using Union Special's new 50000 SERIES machines are finding these ultra-modern, streamlined models to be invaluable aids in cutting costs of operations and boosting production of a wide variety of products. Each of the many machines in the improved 50000 SERIES is specially designed to do a specific job efficiently, quickly, and economically!



THE 61400 LOCKSTITCH

Never before has a general purpose Lockstitch machine been so thoroughly engineered for handling modern industrial sewing requirements! And never has a machine offered more than the new Union Special SIXTY-ONE-FOUR — a superior machine for light or heavy weight work . . . for short runs as well as long . . . for tacking and back stitching . . . for curved seams and straight runs.



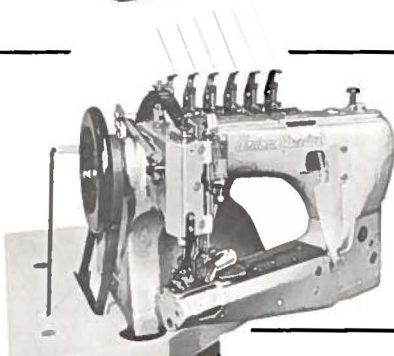
NEEDLE FEED LOCKSTITCH MACHINES

Latest improvements in engineering, manufacturing methods, and materials have been combined in Union Special Class 61800 and Class 62200 needle feed Lockstitch machines providing operators with smooth, streamlined, light-running machines that reduce fatigue and strain. It's no wonder that manufacturers in plants throughout the country are praising the superior performance of these ultra-modern machines!



THE NEW CLASS 39500 OVEREDGER

This new development antiquates every machine presently on the market for use where a curved needle machine is recommended. From its handsome, dynamically functional, modern design to its innermost mechanism, the THIRTY-NINE-FIVE has been produced to accelerate quicker . . . run faster . . . operate more smoothly and quietly . . . with less maintenance . . . and yield a greater profit than any other like equipment available to users today.



35700-35800 FEED-OFF-THE-ARM MACHINES

Union Special's popular feed-off-the-arm felling machines are light running, smooth operating machines that offer great advantages: sewing head of the latest type, new presser bar which practically eliminates feed marking, and presser foot which will lift at the lightest touch. Faster felling is certain with Union Special Class 35700-35800 feed-off-the-arm machines.

Catalog No. 103 T
(Supplement to Catalog No. 103 S)

INSTRUCTIONS
FOR
ADJUSTING AND OPERATING

LIST OF PARTS

CLASS 39500

Style
39500 R

The parts listed in this catalog are
furnished at list prices for repairs only.

First Edition

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Union Special
MACHINE COMPANY
INDUSTRIAL SEWING MACHINES
CHICAGO

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FOREWORD

The Class 39500 machine is Union Special's latest overedger. New streamlined styling, automatic lubrication, and light running high speed performance are characteristics of these machines. All parts are made by precision methods insuring complete interchangeability.

It is our constant aim to furnish carefully prepared information that will enable the customer to secure all possible advantages from the use of Union Specials. The following pages contain valuable operating and adjusting data, and illustrate and describe the parts for Styles in Class 39500.

Union Special representatives will be found in all manufacturing centers, anxious to cooperate with you to plan and estimate requirements.

Union Special MACHINE COMPANY

Engineering Department

IDENTIFICATION OF MACHINE

Each Union Special carries a Style number which is stamped in the name plate on the machine. Style numbers are classified as standard and special. Standard Style numbers have one or more letters suffixed, but never contain the letter "Z". Example: "Style 39500 R". Special Style numbers contain the letter "Z". When only minor changes are made in a standard machine, a "Z" is suffixed to the standard Style number. Example: "Style 39500 RZ".

Styles of machines similar in construction are grouped under a Class number, which contains no letters. Example: "Class 39500".

APPLICATION OF CATALOG

This edition is supplementary to catalog No. 103 S and is intended it shall be used in conjunction.

NOTE: The threading and adjusting instructions as described herein cover two thread seaming, stitch Type 503. The threading and adjusting instructions for three thread seaming are detailed in Catalog No. 103 S, for Style 39500 P.

Exception to the above is instruction for adjustment of height of needle above throat plate, described on page 8.

This catalog applies specifically to the standard style as listed herein. It can also be applied with discretion to some special machines in Class 39500. All references to direction such as right and left, front and back, etc., are taken from the operator's position while seated at the machine. Operating direction of 39500 R handwheel is away from operator.

STYLE OF MACHINE

Single Curved Blade Needle, Two and Three Thread Overseaming Machine, Differential Feed, Trimming Mechanism with Spring Pressed Lower Knife, Medium to Heavy Duty, Automatic Lubricating System.

39500 R Four way combination machine, for general utility, two or three thread hemming or seaming of all types and weights of flat, warp, and ribbed knit fabrics used on undergarments, outerwear, and similar operations on medium to heavyweight materials. Seam specifications 503 and 504 SSa-1, 503 and 504 EFc-1, standard seam width 1/8 inch; stitch range 8-20 per inch, standard setting 12 per inch.

OILING

CAUTION! Oil was drained from machine when shipped, so reservoir must be filled before beginning to operate. Oil capacity of Class 39500 is six ounces. A straight mineral oil of a Saybolt viscosity of 200 to 250 seconds at 100° Fahrenheit should be used.

Machine is filled with oil at spring cap in top cover. Oil level is checked at sight gauge on front of machine. Red bulb on oil level indicator should show between gauge lines.

Machine is automatically lubricated. No oiling is necessary, other than keeping main reservoir filled. Check oil daily before the morning start; add oil as required.

OILING (Continued)

Drain plug screw is located at the back of the machine, near bottom edge of base. It is a magnetic screw, designed to accumulate possible foreign materials which may have entered the crank case. It should be removed and cleaned periodically.

NEEDLES

Each Union Special needle has both a type number and a size number. The type number denotes the kind of shank, point, length, groove, finish and other details. The size number, stamped on needle shank, denotes largest diameter of blade, measured in thousandths of an inch midway between shank and eye. Collectively, type number and size number represent the complete symbol.

Style 39500 R machines use a curved blade needle. Standard needle for Style 39500 R is Type 154 GAS.

To have needle orders promptly and accurately filled, the empty package, a sample needle, or the type and size number should be given. A complete order would read: "1000 Needles, Type 154 GAS, Size 027".

Selection of proper needle size should be determined by the size of thread used. Thread should pass freely through needle eye in order to produce a good stitch formation.

Success in the operation of Union Special machines can be secured only by use of needles packaged under our brand name, *Union Special*, which is backed by a reputation for producing highest quality needles in materials and workmanship for more than three quarters of a century.

CHANGING NEEDLES

Release pressure on presser foot by turning the foot release bushing (U, Fig. 1) and swing presser arm (H) out of position. Turn the handwheel in operating direction until needle is at its lowest point of travel. Using hexagonal socket wrench No. 21388 AU, furnished with machine, loosen the needle clamp nut about 1/4 turn. Again turn the handwheel until needle is at high position: withdraw needle.

To replace needle, leave needle holder at high position and, with the flat to the left, insert needle in holder until it rests against stop pin. Keeping the needle in this position, turn handwheel until holder is again at its low point of travel, then tighten nut. Return presser arm (H) to position and relock the presser foot release bushing (U).

THREAD STAND

After thread comes from cone on thread stand (V, Fig. 1), it is brought up through back thread eyelet, then down through front thread eyelet (W). Next it is threaded through each pair of holes in tension thread guide wire (A), down right hand hole and up through left hand hole. Then thread continues between tension discs (AD) through slot (AE), and on through the thread guide (B).

THREADING

Only parts used for threading two thread machines are shown in threading diagram (Fig. 1, page 9). Parts used in threading three thread machines are found in Fig. 1, page 7, Catalog 103 S. Parts are illustrated in their exact locations for clarity.

THREADING (Continued)

It will simplify threading this machine to follow recommended sequence of threading lower looper first, needle second.

Before beginning to thread, swing cloth plate open, turn handwheel in operating direction until needle (N) is at high position, release pressure on presser foot by turning presser foot release bushing (U) and swing presser arm (H) out of position.

Be sure the threads, as they come from the tension thread guide, are between tension discs (AD) and in diagonal slots (AE) in tension posts (AC).

TO THREAD LOWER LOOPER

Double end of thread and lead it through both eyes of lower looper thread eyelet (E, Fig. 1) from right to left. Note: Thread must pass in front of looper thread pull-off (T). Lead thread behind fabric guard (F) and through frame looper thread guide (G). Turn handwheel in operating direction until heel of lower looper (K) is all the way to the left, then thread through both eyes from left to right. Left eye of lower looper can be threaded easily if tweezers are in left hand.

TO THREAD THE NEEDLE

Turn handwheel in operating direction until needle (N, Fig. 1) is at its highest position. Insert needle thread from right to left, through both eyes of needle thread eyelet (R), under neck of top cover casting, then down through hole in top cover needle thread eyelet (P). Thread needle from front.

THREAD TENSION

The amount of tension on needle and looper threads is regulated by two knurled tension nuts (AA, Fig. 1). Tension on threads should be only enough to secure proper stitch formation.

PRESSER FOOT PRESSURE

Sufficient pressure to feed work uniformly should be maintained. Should it be necessary to increase or decrease amount of pressure on presser foot, loosen lock nut (A, Fig. 2) and turn adjusting screw (B). Adjusting screw has a right hand thread, so tightening increases pressure, loosening decreases pressure. When pressure adjusting screw (B) has been properly set, tighten lock nut (A). With presser foot resting on throat plate, position locking nut (C) so that its under surface is approximately 1/32 inch to 1/16 inch from the top surface of adjusting screw (B). Set cap (D) against locking nut (C).

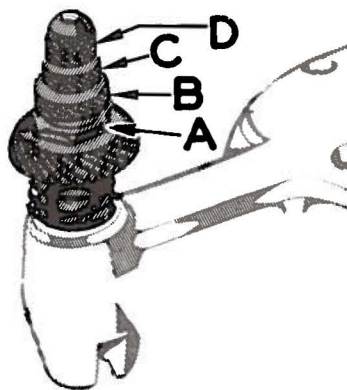


Fig. 2

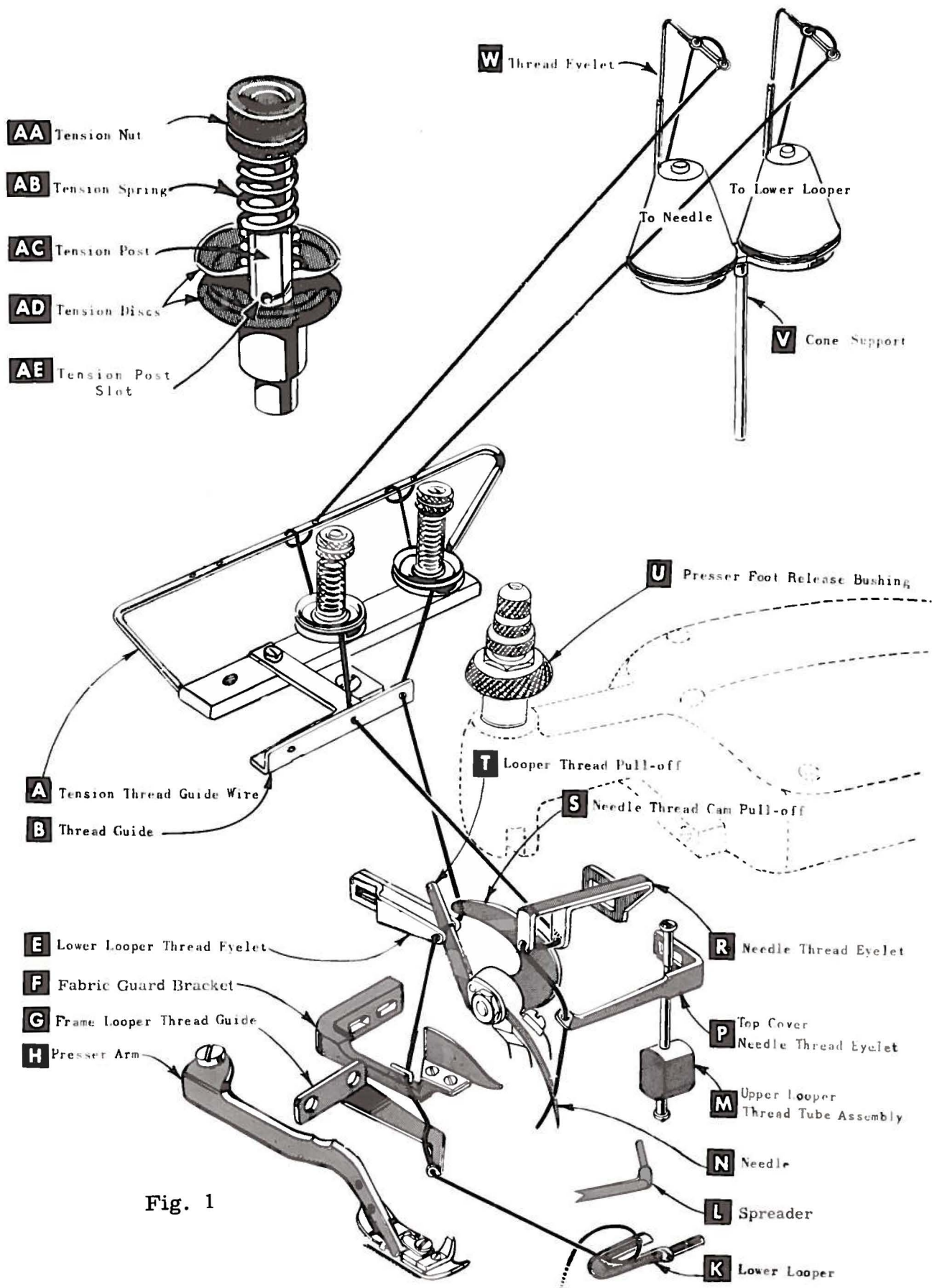


Fig. 1

FEED ECCENTRICS

Feed eccentrics used in this machine have been selected to produce approximately 12 stitches per inch. It will be noted that the part number of main feed eccentric is No. 39540-14 while that of differential feed eccentric is No. 39540-12. Minor numbers of the part symbol indicate approximately the number of stitches obtainable when using that eccentric. Unless otherwise specified, machine will be shipped with above combination of eccentrics.

Generally speaking, differential (right hand) feed eccentric determines number of stitches produced; main (left hand) feed eccentric is selected in relation to degree and direction of stretch of material being sewn, or type of operation.

Following stitch number feed eccentrics are available under No. 39540- 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 40. Only two eccentrics are supplied with each machine. Additional eccentrics may be ordered separately. To order an eccentric, use No. 39540 with a minor number suffixed to indicate approximate number of stitches desired. Example: "39540-10".

ASSEMBLING AND ADJUSTING SEWING PARTS

Before assembling sewing parts, remove cloth plate, fabric guard, chip guard, upper knife assembly, lower knife holder assembly, hemming guide assembly; then follow this suggested sequence.

SETTING THE NEEDLE

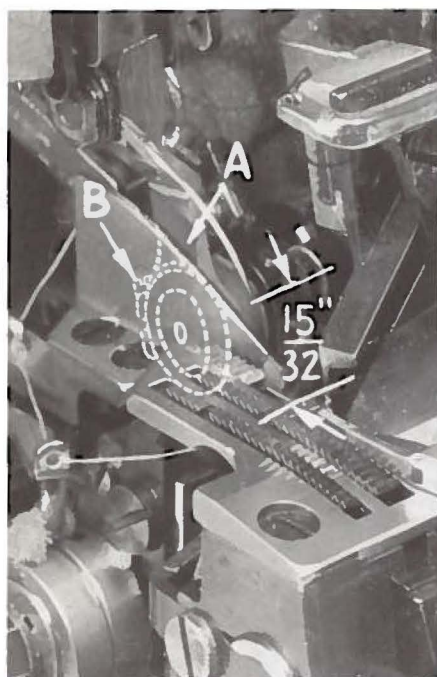


Fig. 3

With throat plate in position, needle should center in the front end of needle slot. When needle is at high position, needle point should be set $15/32$ inch above throat plate (Fig. 3). Move needle driving arm (A, Fig. 3) by loosening clamp screw (B). Remove throat plate.

CAUTION! Needle height must NOT be changed to the $1/2$ " setting when adjusting for three thread stitch Type 504, as indicated in Catalog 103S.

At this point, insert lower looper (A, Fig. 4) into bar (B). With lower looper at left end of its stroke, set looper point $1/8$ inch from center of needle (Fig. 4), using looper gauge No. 21225- $1/8$. Do not have lower looper deflecting needle. Tighten nut (C).

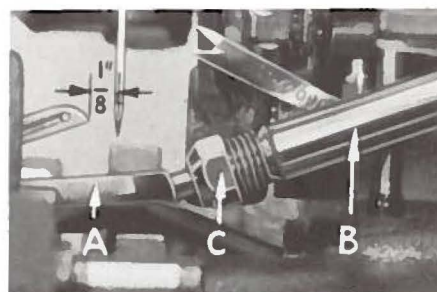


Fig. 4

SETTING THE REAR NEEDLE GUARD

Set rear needle guard (A, Fig. 5) as high as possible, without interfering with either lower looper or movement of lower knife holder; but still in position to deflect needle forward .002 - .004 inch. Screw (B) is used to set rear needle guard.

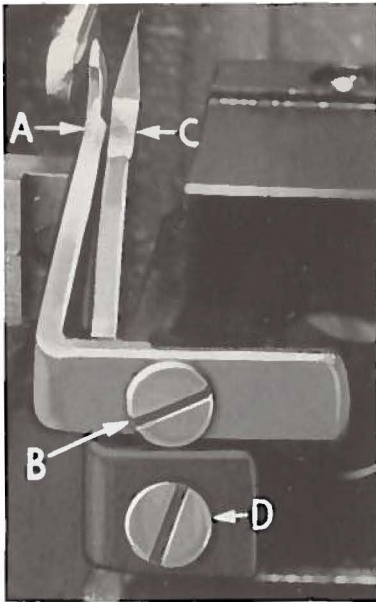


Fig. 5

SETTING THE LOWER LOOPER

Now finish lower looper adjustment. As lower looper moves to the right, its point should be set into the needle scarf (A, Fig. 6) until the needle springs forward from rear guard surface another .002 - .004 inch.

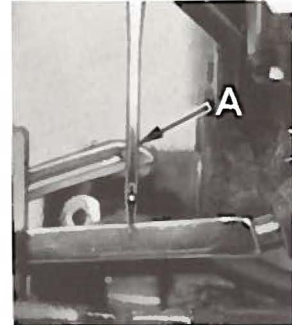


Fig. 6

SETTING THE FRONT NEEDLE GUARD

Assemble front needle guard (C, Fig. 5). When lower looper is springing needle off back guard, set front needle guard as close as possible to needle without touching. Screw (D) is used to adjust and set front needle guard. After this setting make sure there is no interference between needle guard and main feed dog.

SETTING THE SPREADER

Insert spreader (A, Fig. 7) in its holder. Screw (B, Fig. 7) holds spreader in its holder, and permits spreader to be pushed in or out or turned around its shank. Screw (C, Fig. 7) on collar holds spreader holder in the shaft, and allows holder to be rotated or adjusted laterally.

Preliminary Setting: When spreader is at the right end of its stroke, spreader holder should be set to position spreader shank about vertical (Fig. 7). Top end of spreader shank should extend about 5/64 inch above holder (Fig. 7).

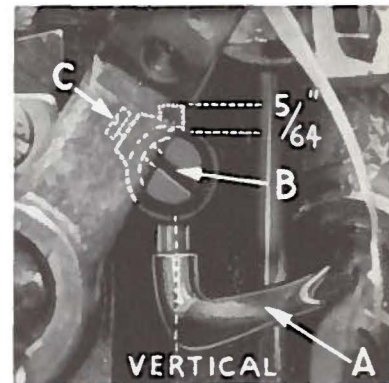


Fig. 7



Fig. 8

Set spreader to pass just behind eye of lower looper, with approximately .002 inch clearance between spreader and lower looper (Fig. 8).

Next turn hand wheel until spreader is at left end of its travel; check setting so lower point of spreader extends about 5/32 inch to left of needle (Fig. 9)

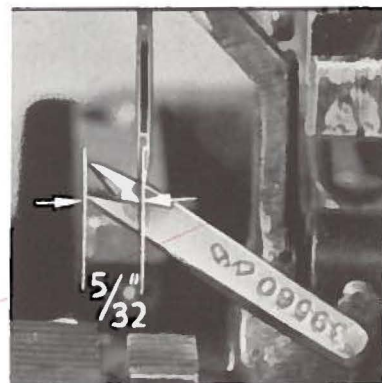


Fig. 9

SETTING THE SPREADER (Continued)

Now check setting between spreader and needle. If needle rubs the back of spreader, pull spreader out of its holder slightly and rotate spreader holder forward a short distance. These same adjustments, in opposite movement, will reduce the clearance between spreader and needle. Reset to lower looper (Fig. 8).

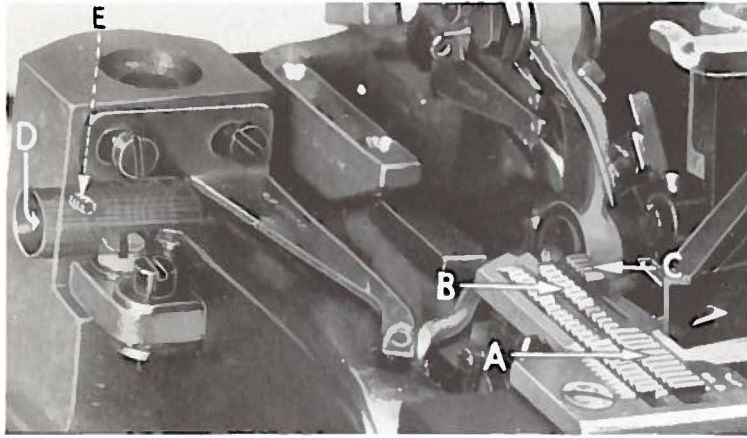


Fig. 10

SETTING THE FEED DOGS

Assemble main, differential and chaining feed dogs (A, B, C, Fig. 10).

Feed Dogs should be leveled with throat plate surface by rotating feed tilting adjusting pin (D). This pin raises or lowers the back end of feed bar. Feed dogs should be set level at the time teeth first appear above throat plate. Screw (E) locks feed tilting adjusting pin in place.

Now set feed dogs at highest point of travel. Main and differential feed dog teeth set $3/64$ inch above throat plate, and chaining feed dog teeth set about flush with surface of throat plate.

SETTING THE LOWER KNIFE

Replace lower knife holder assembly. In replacing the lower knife holder assembly, tighten screw (A, Fig. 11) so that when the face of the flange on sleeve (B) seats against the throat plate mounting bracket (C) a free lateral motion of the lower knife and holder assembly is obtained when the knife is manually pressed at its upper corner. Lower knife (D) should be set with cutting edge flush with throat plate surface. Adjustments are made with hexagonal head screw which holds lower knife. Lower knife is spring pressed against upper knife, so no lateral adjustment is necessary when width of trim is changed.

Lower knife may be secured in any position by tightening screw (E) against knife holder shaft.

Set the desired width of trim by measuring from the right edge of the lower knife to the needle, lock the lower knife holder shaft with screw (E).

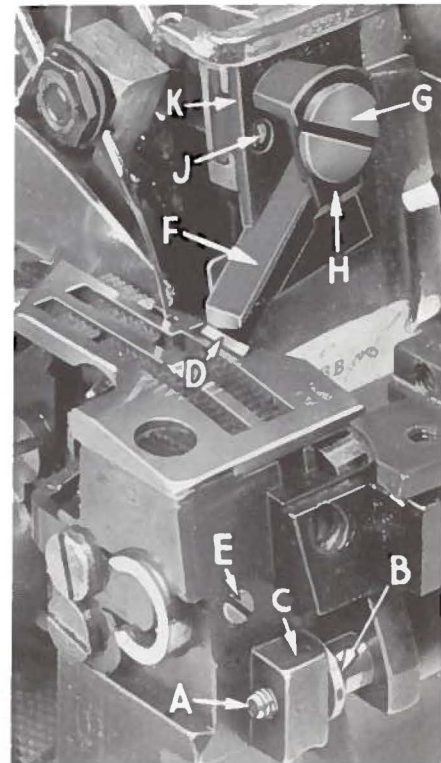


Fig. 11

SETTING THE UPPER KNIFE

Replace upper knife assembly. Clamp upper knife (F, Fig. 11) in position, setting screw (G) to hold clamp (H) in its most clockwise position against upper knife. At bottom of its stroke, front cutting edge of upper knife should extend not less than $1/64$ inch below cutting edge of lower knife.

SETTING THE UPPER KNIFE (Continued)

After upper knife has been set for proper width of trim, screw (J) should be tightened to lock upper knife holding block (K) in place. This will simplify resetting when upper knife is replaced.

SETTING THE STITCH LENGTH

Length of stitch is determined by the combination of feed eccentrics used. Outer (left) eccentric (A, Fig. 12) actuates main (rear) feed dog, while the inner (right) eccentric (B) actuates the differential (front) feed dog.

In assembling feed eccentrics, be sure hubs are facing each other. Be careful not to damage shaft or key. Tighten nut (C) securely. Be sure wool yarn in oil tube (F) touches feed eccentric connections.

To change feed eccentrics, remove nut (C) from end of shaft (D). Turn handwheel in operating direction until key slot in eccentric is toward front. Using hooked eccentric extractor (E), supplied with machine, reach behind eccentrics as shown and withdraw eccentrics. It may be necessary to move handwheel back and forth slightly during extraction.

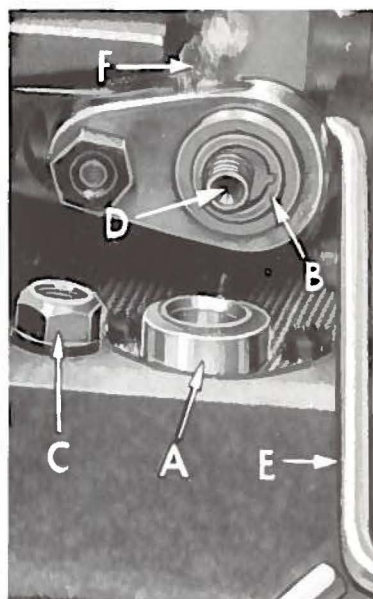


Fig. 12

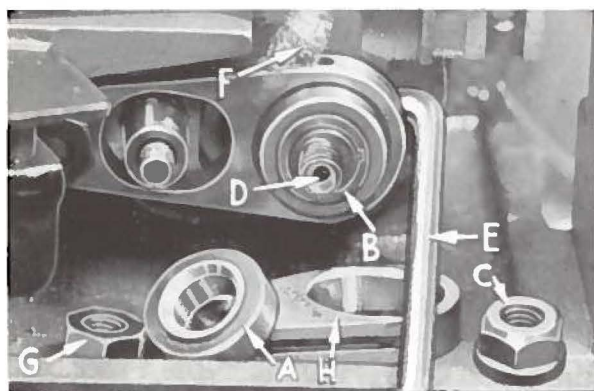


Fig. 13

If eccentrics are unusually tight fitting, in addition to removing nut (C, Fig. 13) from shaft (D), it may be helpful to remove nut (G) and feed driving connection (H). Then continue as originally suggested.

SETTING THE PRESSER FOOT

Assemble presser foot to presser arm. With needle in high position, swing presser arm into sewing position and lock in place. If necessary, presser foot can be realigned with throat plate slots by shifting foot lifter lever shaft.

Foot lifter lever arm (A, Fig. 14) and collar (B) secure the shaft. Be sure presser arm does not bind and rise when presser foot release bushing is unlocked. To center presser foot and stitch tongue with respect to throat plate needle holder, loosen presser foot hinge screw.

Adjust lifter lever stop screw (C) so that presser foot can be raised no higher than upper looper will permit; then lock nut (D). There should be from 1/16 to 1/8 inch free motion of foot lifter lever before presser foot begins to rise. This adjustment should be made with screw (E), and locked with nut (F).

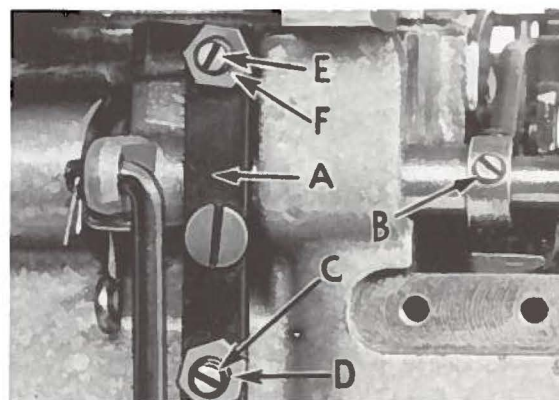


Fig. 14

Reassemble chip guard, fabric guard, cloth plate.

NEEDLE THREAD CONTROL

While sewing on material, check needle thread control as follows: Usually all needle thread is drawn on needle down stroke. At top of needle stroke, thread should be just tight enough to feed chain off stitch tongue. Stitch tends to pull down slightly if excessive thread is pulled on the up stroke. With needle at bottom of stroke, position needle thread eyelet (R, Fig. 1) so that needle thread cam pull-off (S) just contacts needle thread.

LOWER LOOPER THREAD CONTROL

With material under presser foot, set lower looper thread eyelet (E, Fig. 1) back and down far enough so thread is a little slack when spreader reaches its extreme left position. Looper thread eyelet (E) should be about horizontal.

Frame looper thread guide (G) should be set with its left hand eyelet approximately 1/8 inch right of heel eyelet of looper (K) at the time lower looper is at extreme left end of its travel.

THREAD TENSIONS

Before proceeding, balance both tensions to give a normal appearing stitch. Moderate change in these tensions will not markedly effect the purl.

SPECIAL ADJUSTMENTS

SKIPPING: For occasional skipping, check and/ or adjust as outlined below:

1. Recheck lower looper - needle setting. See "Setting the Needle", page 8.
2. Recheck spreader - lower looper crossing. See "Setting the Spreader", page 9.
3. Check clearance between needle and spreader. See that spreader moves far enough left past needle.

Settings 1 and 2 should be made quite carefully. If it can be determined by appearance that skip is definitely not a needle loop skip, reposition looper thread eyelet (E, Fig. 1) by lowering it slightly and bringing eyelet holes in close to bend in looper thread pull-off (T). After this change, increase looper thread tension as much as possible without distorting stitch.

CAUTION! As stated before, looper thread must be slightly slack as spreader reaches its extreme left position or stitch will appear tight on top side.

STARTING TO OPERATE

Be sure machine is threaded according to threading diagram (Fig. 1, page 7).

With thread tensions light, set looper thread eyelet (E) about horizontal and in the middle of its front to back location.

Operate machine slowly, with presser foot in place; make sure chain forms and moves off tongue freely.

SETTING THE HEMMING GUIDE SUPPORT BRACKET

Assemble the hemming guide support bracket onto the lower knife support bracket by means of screw (A, Fig. 15). With the knurled adjusting screw (B), set the edge guide (C) so that the left side of its tip is even with and parallel to the right feed slot in the throatplate.

When the edge guide tip is in this position, the front or leading edge should be slightly to the right of parallel. This adjustment can be made by positioning the stop screw (Ref. 47, page 15) located towards the front of the hinge block and edge guide support bracket (D).

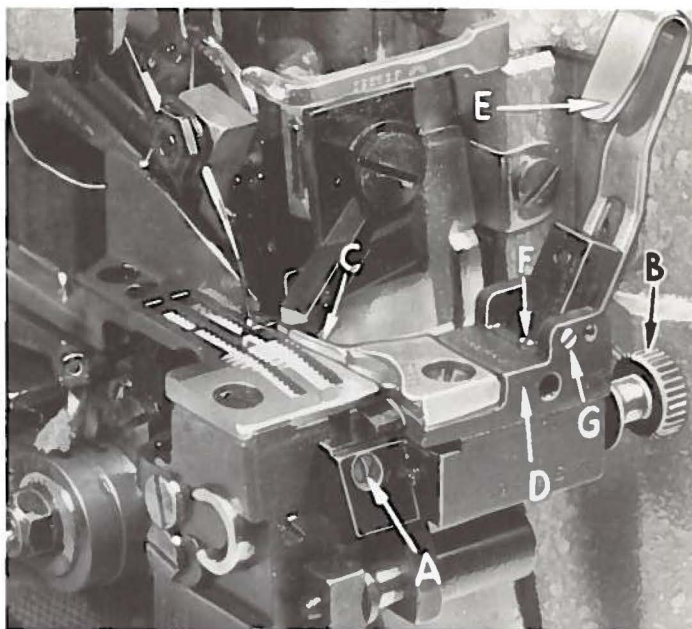
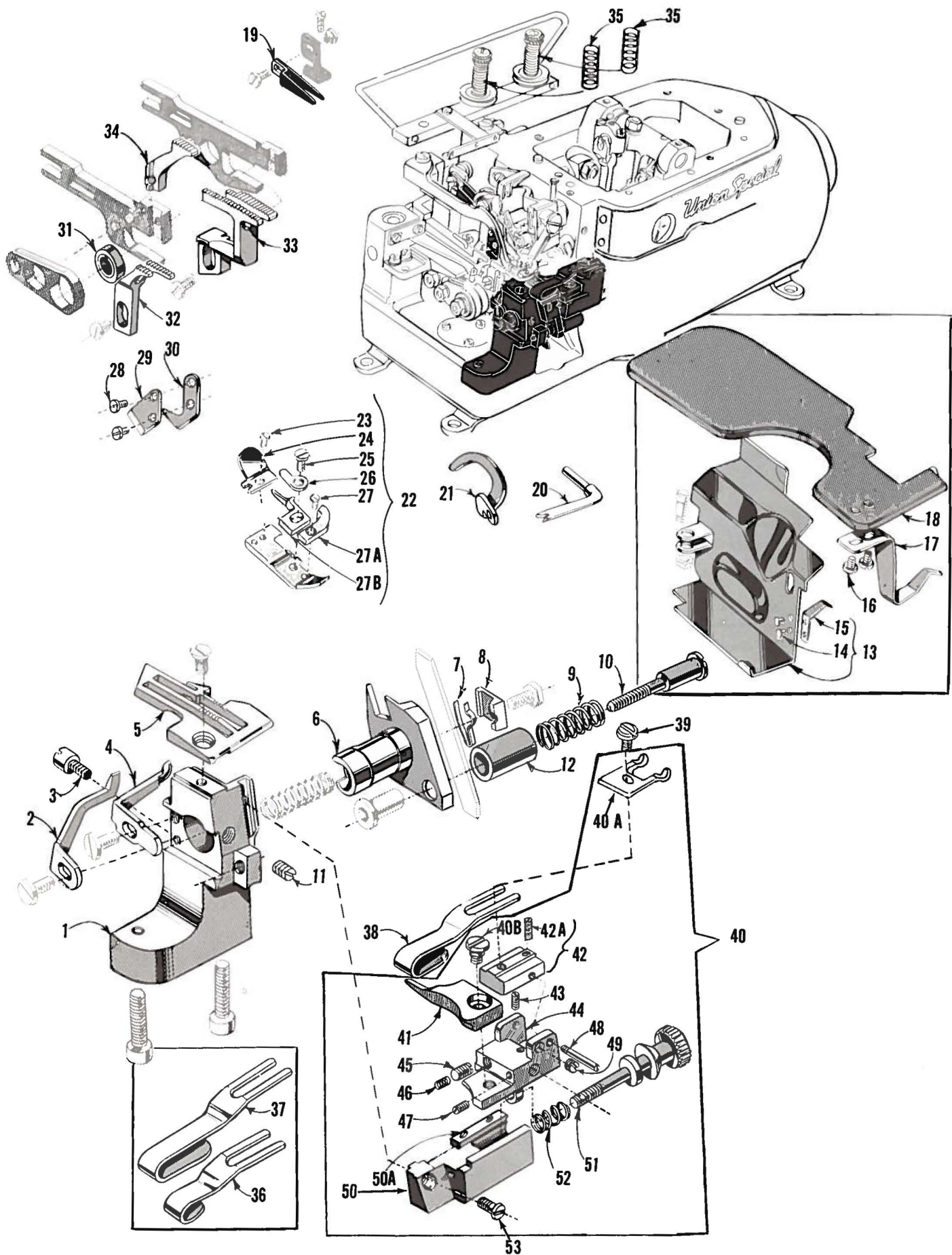


Fig. 15

Under normal conditions, the edge is spring pressed to compensate for the differences in material thickness. For example, as in going over seams. The amount of movement and the pressure applied to the edge guide tip is controlled by adjusting the screw (Ref. 45, page 15) which presses against the spring (Ref. 46, page 15) located in the hinge block and edge guide support bracket (D). Removing this spring and turning the screw all the way out against the edge guide prevents movement of the edge guide.

FINAL ADJUSTMENT OF HEMMING GUIDE

Adjust the edge guide (C, Fig. 15) by turning the knurled adjusting screw (B) so that the stitches are located in the folded edge, yet do not show on the face of the fabric. Adjust the overhanging guide (E) so that the space between its guiding edge and the edge guide corresponds with the thickness of the material to be hemmed. Adjust the stop screw (F) for the overhanging guide so that the tip of the overhanging guide is located at the center of the edge guide vertically. If desired, the overhanging guide can be locked into position by tightening the locking screw (G) located in the hinge block and edge guide support bracket (D).



The parts illustrated on the preceding page, described below, represent parts used on Style 39500 R.

Parts shown in phantom view, bearing no reference numbers, are common to Styles 39500 A, 39500 B, 39500 P, 39500 AF and 39500 R.

Use Catalog No. 103 S, Style 39500 P, for all parts not illustrated or described here.

Ref. No.	Part No.	Description	Amt. Req.
1	39580 BA	Throat Plate Support Bracket -----	1
2	39525 D	Needle Guard, front -----	1
3	22585 G	Screw, side cover latch -----	1
4	39525 E	Needle Guard, rear -----	1
5	39524 G	Throat Plate -----	1
6	39550 H	Lower Knife Holder -----	1
7	39550 M	Lower Knife Clamp Spring -----	1
8	39550 L	Lower Knife Clamp -----	1
9	39550 J	Knife Pressure Equalizing Spring -----	1
10	22559 H	Adjusting Screw -----	1
11	88 B	Screw -----	1
12	39550 K	Spring Cover -----	1
13	39582 G	Side Cover -----	1
14	39582 J	Rivet -----	2
15	39582 H	Spring -----	1
16	22513	Screw -----	2
17	39532 D	Latch Spring -----	1
18	39501 G	Cloth Plate -----	1
19	39568 B	Looper Thread Eyelet, used in top position for two thread seaming ----	1
20	39560 A	Spreader, for two thread seaming -----	1
21	39563 J	Needle Thread Cam Pull-off -----	1
22	39520 G	Presser Foot -----	1
23	22738	Screw -----	1
24	39530 E	Chain Shield -----	1
25	22768 B	Screw -----	1
26	39530	Hinge Spring -----	1
27	22738	Screw -----	1
27A	39530 B	Chip Guard -----	1
27B	39597 F	Stitch Tongue -----	1
28	605	Screw -----	2
29	39556 C	Chain Cutting Knife, upper -----	1
30	39556 B	Chain Cutting Knife, lower -----	1
31	39540-12	Differential Feed Driving Eccentric -----	1
	39540-14	Main Feed Driving Eccentric -----	1
32	39505 F	Main Feed Dog -----	1
33	39526 H	Differential Feed Dog -----	1
34	39505 G	Chaining Feed Dog -----	1
35	51292 F-5	Looper and Needle Thread Tension Spring, for two thread seaming ----	2
	51292 F-4	Looper Thread Tension Spring, for three thread seaming -----	2
	51292 F-8	Needle Thread Tension Spring, for three thread seaming -----	1
36	39589 H-1/2	Overhanging Guide, for 1/2 inch hem -----	1
37	39589 H-1	Overhanging Guide, for 1 inch hem -----	1
38	39589 H-3/4	Overhanging Guide, for 3/4 inch hem -----	1
39	98 A	Screw -----	1
40	29481 F	Hemming Guide Assembly -----	1
40A	39589 U	Hemming Guide Spring -----	1
40B	22760 A	Screw -----	1
41	39503 G	Edge Guide -----	1
42	39589 F	Overhanging Guide Hinge -----	1
42A	77 Q	Screw -----	1
43	79077	Screw -----	1
44	39589 G	Hinge Block and Edge Guide Support -----	1
45	12935 A	Screw -----	1
46	39568 J	Edge Guide Tension Spring -----	1
47	79077	Screw -----	1
48	22799 E	Hinge Screw -----	1
49	22743	Screw -----	1
50	39589 E	Overhanging Guide Base -----	1
50A	22738	Screw -----	2
51	22873 B	Adjusting Screw -----	1
52	39589 J	Spring -----	1
53	22593	Screw, for hemming guide assembly -----	1



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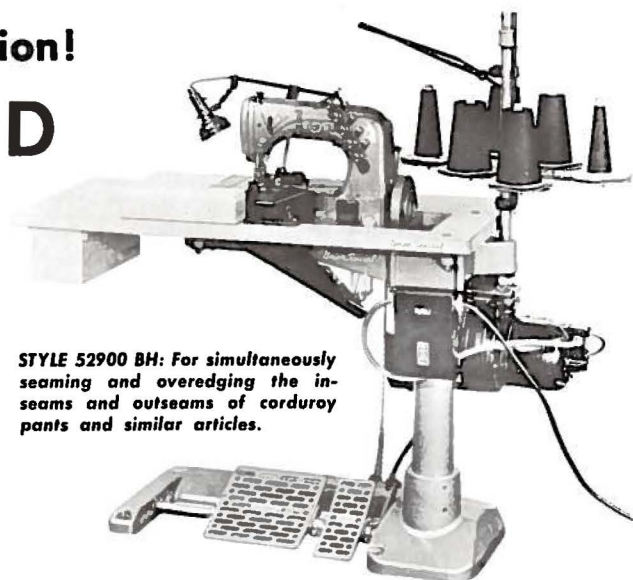
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In the pedestal mounted type installation, the machine is completely isolated from the base and, where table boards are used, they are completely isolated from the pedestal and from the machine, which makes for smoother, quieter operation. In various cases, the motor may be mounted to the right or to the left under the machine handwheel. Mounting of the motor to the right provides maximum space under machine for the operator.

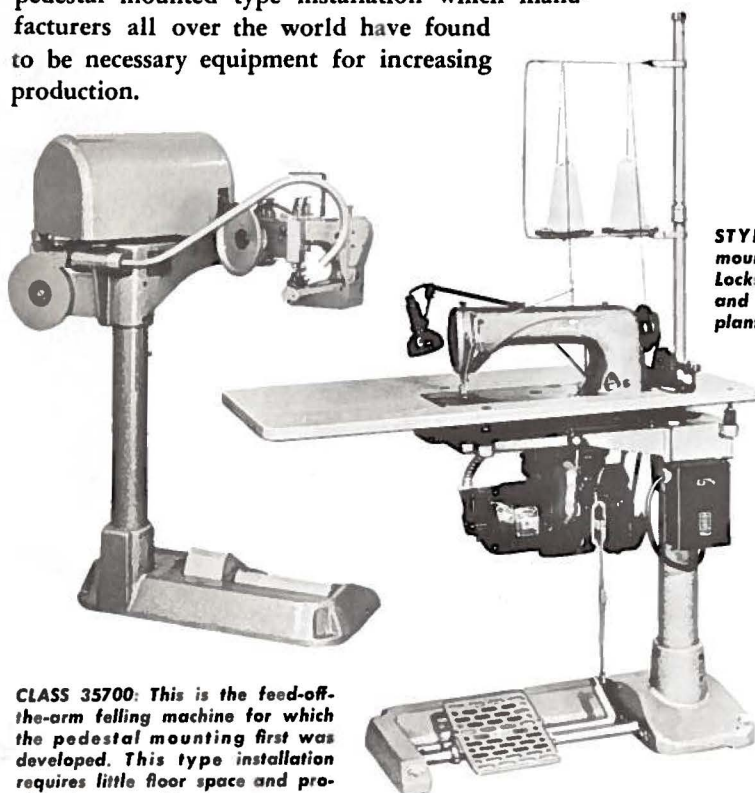
These new pedestals offer maximum flexibility, convenience, and adaptability to production lines, especially where variations in operation or garment styles are necessary from time to time. The foot treadles are adjustable laterally and the machine mounting bracket is adjustable vertically to suit the individual operator and to provide the most comfortable working position, thus reducing fatigue. The illustrations shown here are just a few of the many styles of machines that Union Special has to offer in the pedestal mounted type installation which manufacturers all over the world have found to be necessary equipment for increasing production.



STYLE 52900 BH: For simultaneously seaming and overedging the in-seams and outseams of corduroy pants and similar articles.

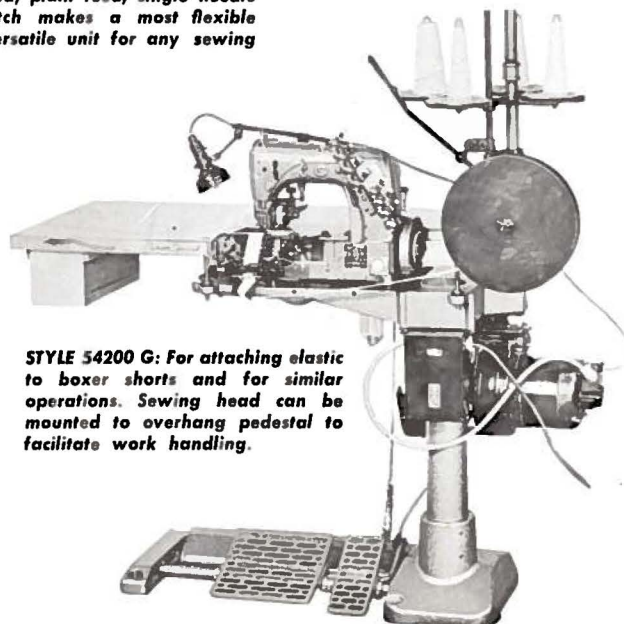


STYLE 54200 K: With sewing head overhanging pedestal, this new unit is ideally suited to pants and over-all banding.



CLASS 35700: This is the feed-off-the-arm falling machine for which the pedestal mounting first was developed. This type installation requires little floor space and provides large working area.

STYLE 61400 A: The pedestal mounted, plain feed, single needle Lockstitch makes a most flexible and versatile unit for any sewing plant.



STYLE 54200 G: For attaching elastic to boxer shorts and for similar operations. Sewing head can be mounted to overhang pedestal to facilitate work handling.