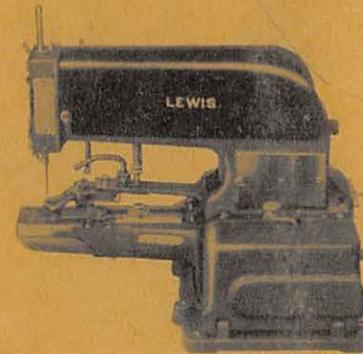


LEWIS



PARTS and INSTRUCTIONS

CATALOGUE 194-4

200 Class Machines

MODELS

200-1

200-2

200-3

200-4

200-6

200-7

LEWIS SEWING MACHINE COMPANY

FACTORY
ST. LOUIS MO., U. S. A.

MAIN OFFICE
315 West 35th Street
NEW YORK 1, N. Y., U. S. A.

PRINTED IN U. S. A.

CLASS 200

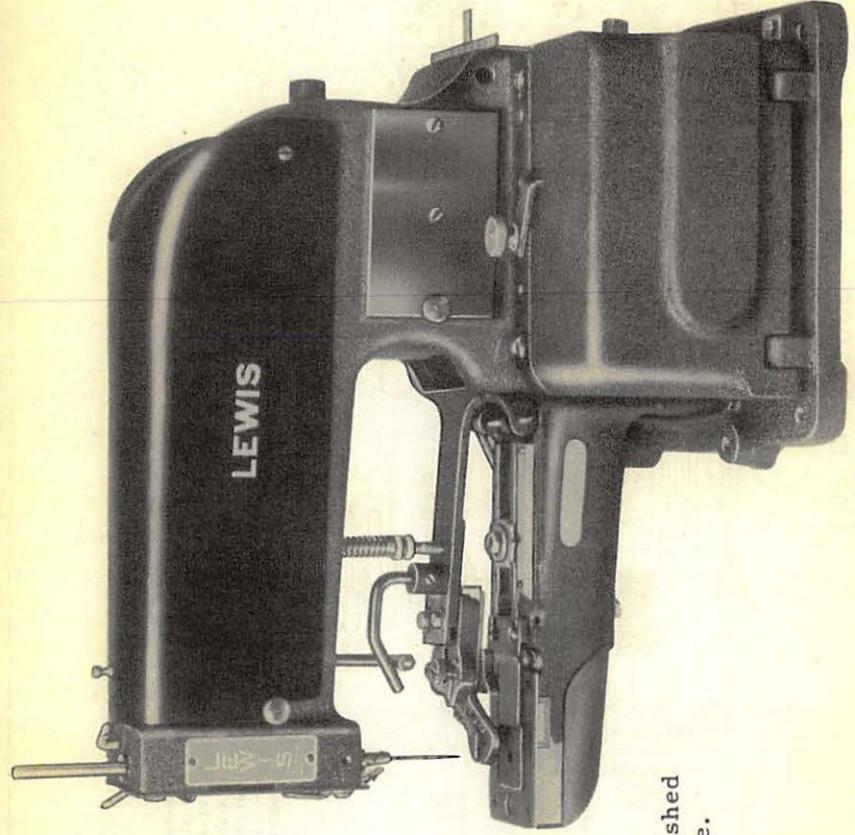
INDEX

	Page
Adjusting Machine, Plates A to D	4 to 7
Button Clamp Adjustments.	15
Cams for Button Clamp	11
General Instructions.	10 to 18
Looper Adjustments	14
Model 200-6 and 200-7 Special Instructions	18
Needles	8
Needle Bar Adjustments	13
Needle Guard	14
Oiling Machine.	8
Parts, Instructions for ordering	9
Parts List.	33-57
Speed of Machine	8
Stitch Combinations Available	12
Shank Buttons	17
Stop Motion and Clutch Adjustments	10
Threading.	8
Thread Nipper Adjustments	16
Thread Positioning Finger.	14
Thread Take-Off Adjustments.	17
Thread Tension Controls	16
Two Treadle Operation	17

INDEX OF PLATES

<u>Plate No.</u>		<u>Page No.</u>
A	Adjusting & Timing Chart.	4
B	Adjusting & Timing Chart.	5
C	Adjusting & Timing Chart.	6
D	Adjusting & Timing Chart.	7
1-6	Parts	20-25
7	Shank Button Parts	26
8	Snap Fastener and Hook & Eye Clamps	27
9	Shanking Foot, Stay Button, Button Spacing Plate Parts, Necking Attachment	28
10	Tacking Clamp.	29
11	Thread Wiper.	30
12	Models 200-6 and 200-7.	31

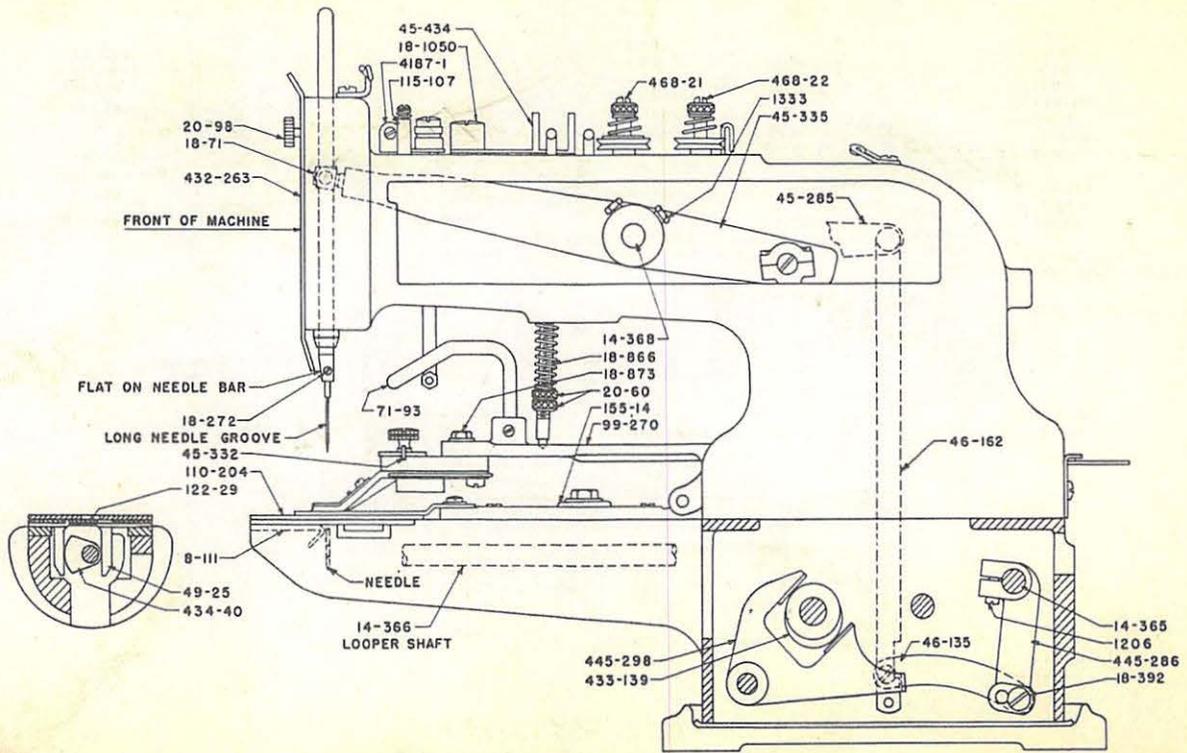
For Two Hole and
Four Hole Buttons
Shank Buttons
Stay Buttons
Snap Fasteners
Tacking



Button Tray furnished
with each Machine.

MODEL 200-1
LEWIS SINGLE THREAD BUTTON SEWING MACHINE

ADJUSTING & TIMING CHART FOR CLASS 200



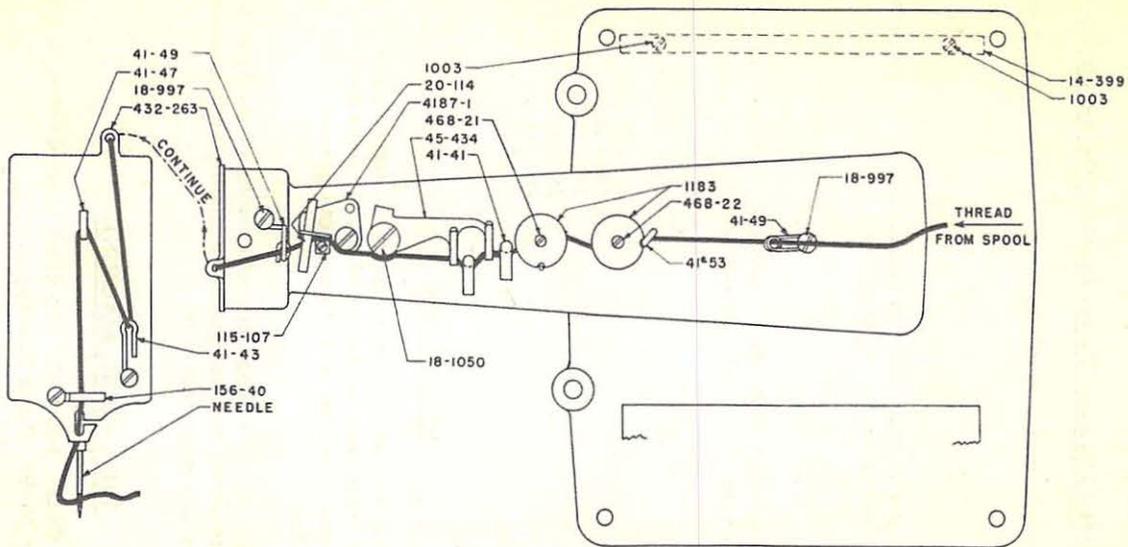
114-121

3 OF 4 SHEETS

3756 61054 22554 62251 62750 5350 111449 91649

PLATE C

THREADING CHART FOR CLASS 200



114-121

4 OF 4 SHEETS

61758 3756 33154 62251 9550 5350 112049 111449 103149 101249 81949

PLATE D

INSTRUCTIONS FOR SETTING UP AND
STARTING MACHINE

Operating Speed - 1200 to 1400
Revolutions per minute

Recommended Position To Set Machine On Bench

Set front cylinder end of machine even with front edge of bench.

PULLEY

The pulley turns away from the operator, that is in the direction of the arrow stamped on the pulley.

NEEDLES

Use only genuine Lewis Needles. Look for the copyrighted word LEWIS stamped on the shank of each needle.

<u>Short</u>	<u>Long</u>	<u>Long-Short Shank</u>
29-14S	29-14L	29-14LSS
29-16S		29-16LSS
29-18S		29-18LSS
29-20S		29-20LSS
		29-21LSS

IMPORTANT

Before starting machine, oil bearings of all moving parts, also open cover on right hand side of Arm and oil all working parts. Remove screw 18-800 in pulley 458-39 and add grease from tube supplied with machine.

We reserve the right to change specifications or designs at any time without incurring the obligation to install such changes on machines previously manufactured.

THREADING MACHINE

See Threading Chart, Plate D. To draw thread through machine, press on nut 20-98, Plate C, Page 6.

INSTRUCTIONS FOR ORDERING PARTS

If part number is not known, locate the part and number on the plates of the model for which the part is required. The description in the parts list should then be checked to make sure the part number is correct.

Turn to parts list for description, the first columns are part numbers.

The second columns are plate numbers, for best plate to refer to, if part numbers are known.

Give the part number, model number and SERIAL NUMBER of machine when ordering parts.

The model number is located on the left hand side of the arm of the machine.

The serial number is stamped into the number pad on right hand side of the cylinder base.

INSTRUCTIONS FOR ADJUSTING AND TIMING

LEWIS CLASS 200 MACHINES

Lewis Models 200-1, 200-2, 200-3, 200-4, 200-6 & 200-7, produce the following stitch formations:

Model 200-1: 8,16, and 32 parallel stitches.

Model 200-2: 6,12, and 24 parallel stitches.

Model 200-3: 8,16, and 32 diagonal stitches.

Model 200-4: 6,12, and 24 diagonal stitches.

Model 200-6: 8,16, and 32 diagonal stitches.

Model 200-7: 6,12, and 24 diagonal stitches.

NOTE: On models 200-1, 200-2, 200-3, 200-4, when the machine is set for two hole buttons or for tacking, the motion of the clamp is crosswise of the arm (that is, from side to side). However, on models 200-6 and 200-7, adjustments are provided so that the clamp motion can be either crosswise or lengthwise of the arm, depending on the requirements of the operation.

Fittings for shank buttons are available; send samples of shank buttons you wish to sew. See Plate 7 and pages 17 and 18 for further description.

Other special fittings for sewing snap fasteners, stay buttons, sewing buttons away from the material with a shanking foot, and a gauge for spacing buttons on shirts and dresses are shown on Plates 8 and 9.

1. ADJUSTING AND TIMING STOP MOTION CLUTCH

See Plates A and B

Adjust nuts, 20-128 on stop motion plunger, Rod 71-92, so that when machine is in stop position the needle bar, 25-11, is at its extreme height. When this has been done, there should be 5/16 of an inch between the back edge of the head of stop motion plunger, 26-163, and the front of stop motion plunger lever, 45-348.

Adjust trip lever, 445-370, on left side of base, so that when roller, 35-16, rides on periphery of stop motion cam, 434-42, there is about 3/32 of an inch clearance between the bottom side of stop motion plunger, 26-163, and the largest diameter of the stop motion disc, 44-280. Tighten the clamp screw 18-739 securely and see that there is no end play in trip lever shaft. While the machine is in this position, adjust cam lever, 45-302, through hexagon head screw, 18-280, so that the thick portion of the cam lever engages the ball, 79-37, in the driving pulley. When machine is in stop position and driving pulley is idling, adjust screw 18-747, in cam lever so that there is about 1/32" play between ball 79-37 and the thin section of lever 45-302. Note: hold pulley in towards machine to check this measurement. Lock screw 18-747 with nut 20-34.

For timing stop motion cam, have machine in stop position and turn stop motion cam, 434-42, clock-wise until trip lever roller, 35-16, drops in relieved portion of the cam at "X".

NOTE: 1/32" Clearance as shown in Plate B.

2. TIMING BUTTON CLAMP CAMS

While the machine is in stop position, with needle bar at its highest position, loosen set screws in both cams, then turn cams until the timing lines on the cams are in line with the indicator pins, 22-238, in base. Be sure both cams are set close to bearings in the base, then securely tighten the screws.

3. CHANGING BOTH BUTTON CLAMP CAMS

See Plate 4

To replace or change the button clamp cams, or gears 27-155, 27-189, 27-190, or 27-191, it will be necessary to remove the head from the sub-base by removing the belt from the driving pulley and loosen the two set screws, 1003, that hold hinge shaft 14-399; remove the shaft, remove screw 18-816, and lift the head from the sub-base leaving the sub-base on the table.

Set head with rear end down on bench, using a block under the arm to avoid bending the indicator, 21-287.

Trip stop motion and loosen the screws in each cam and in the worm gear on shaft 14-364. Be sure the screws in the worm gear are backed off enough to prevent burring the shaft when it is removed. Remove two screws in guide collar 39-107, and by taking hold of stop motion cam, 434-42, remove cam shaft, 14-364.

To assemble, reverse the above procedure. The gear on the cam shaft is spotted, and therefore, the cam shaft must be retimed.

Refer to Paragraph 2 for timing the cams. Also refer to Paragraphs 4 thru 8 following. Refer to Paragraph 11 for timing the looper and positioning finger.

The sides of the cams with timing marks must be mounted in the machine next to the bearings as shown on Plate A.

Set machine back on sub-base and assemble the hinge shaft and tighten set screws, 1003. Set guide collar against gear.

4. THREE COMBINATIONS OF STITCHES AVAILABLE

The cams and gears furnished with the Lewis Class 200 machines will produce 8, 16 or 32 stitches or 6, 12, or 24 stitches, depending on the model. These combinations are obtained as follows:

1. With one half cycle of cam shaft, 6 or 8 stitches per button.
2. With one cycle of cam shaft, 12 or 16 stitches per button.
3. With two cycles of cam shaft, 24 or 32 stitches per button.

5. SETTING FOR SIX OR EIGHT STITCHES - See Plate B

Make sure that latch 51-22 is moved upwardly as far as possible in relation to lever 45-331. If necessary, loosen screw 18-629 to make this adjustment. Now, using knob 142-6, move adjustable lobe 180-2 so that gaps "X" and "Y" are both open.

6. SETTING FOR TWELVE OR SIXTEEN STITCHES - See Plate B

Proceed as in Paragraph 5, except move adjustable lobe 180-2 so that gap "Y" is closed. Machine must be stopped with gap "X" at the top in order to do this.

7. SETTING FOR TWENTY-FOUR OR THIRTY-TWO STITCHES

See Plate B

Close gap "Y" using Knob 142-6. See that machine is stopped with screw 18-39 at the bottom. Loosen screw 18-629 and move latch 51-22 down as far as it will go. Tighten screw 18-629. Do not disturb the setting of screw 1170. This screw is set at the factory and does not require adjustment. If it does become necessary to reset screw 1170, proceed as follows. Set latch 51-22 in relation to lever 45-331 so that this lever raises lever 445-370 enough to pass over gap "X" on every second revolution of the cam 434-42. The machine should be turned by hand to make this adjustment, as it is possible to move latch 51-22 down so far that the machine will bind. When this latch has been set properly and with screw 18-629 securely tightened, bring screw 1170 down as far as possible and lock in position with nut.

8. TIMING SCREW 18-39 - See Plate B

Remove hand knob 57-23. Remove lever 45-331 by taking out screw 18-619. Disengage teeth of gear 27-170 and turn on shaft until screw 18-39 is on top and the machine is in the position shown on Plate B. Reassemble parts removed.

9. ADJUSTING DEPTH OF NEEDLE BAR

Insert needle in needle bar, making sure it is up into the needle bar as far as it will go. When using short needles, use upper set of timing marks. When using needles in the long series or in the Long with Short Shank series, use lower set of timing marks. When using lower set of timing marks, be careful to see that needle clamp screw does not strike needle bar bushing. See that the needle clamp screw 18-272 is on the right hand side of the needle bar and the flat on the bottom side of the needle bar is at right angles to the looper shaft. See that the long groove in the needle is directly in front of the machine.

10. ADJUSTING NEEDLE GUARD

The needle guard, 8-111, should be set as close as possible to the needle and adjusted for the various sizes of needles. The adjustment can be made through the hole in the needle plate, using screw 18-750.

11. ADJUSTING AND TIMING THREAD POSITIONING FINGER

AND LOOPER - See Plate B

Turn the hand wheel in the proper direction until the needle has reached its lowest position, and continue to turn until needle has risen about $\frac{3}{32}$ of an inch; that is, to the second timing mark in the set being used. Loosen screws in rear positioning finger cam 34-47 and in looper sleeve 70-50. Set three point cam 434-40 so that timing mark coincides with timing mark on looper sleeve and tighten screws in three point cam. Rotate three point cam until positioning finger yoke has moved to the left as far as it will go. Now rotate rear positioning finger cam until positioning finger is as far forward as it will go. Now adjust positioning finger cam until positioning finger clears the needle about 5 or 10 thousandths of an inch, and then tighten one screw in rear cam temporarily.

Rotate looper sleeve until point of looper is in center of needle, and tighten screws in looper sleeve, making sure that looper sleeve is against positioning finger cam. Now adjust looper in looper sleeve so that looper comes as close to needle as possible without touching it and tighten looper screw.

Loosen screw in rear positioning finger cam and rotate until the timing mark coincides with timing mark on looper sleeve. Tighten screws, making sure that cam is against looper sleeve.

12. ADJUSTING BUTTON CLAMP TO SEW FOUR HOLE BUT-

TONS - See Plate A

Insert button in jaws of button clamp and adjust stop lever 45-332 so that button is loosely held by jaws, permitting the button to move slightly. If the holes in the button are, for example, an eighth of an inch apart, set pivot indicator 155-14 and spring indicator 21-287 on $\frac{1}{8}$ graduations.

Turn machine over slowly by hand and adjust the button clamp by loosening the two hexagon head screws 18-873 so that the needle passes through the center of each hole of the button.

The figures on the indicator plates are only approximate, and it may be necessary to deviate slightly from the figures.

13. TWO HOLE BUTTONS

See that button clamp is adjusted as in Paragraph 12. Set indicator 21-287 on circle with two dots which represent a two hole button. Use indicator 155-14 only to adjust sidewise movement of button clamp so that the needle will enter in the center of the holes in the button.

14. ADJUSTMENT FOR RAISING BUTTON CLAMP - See Plate C

Lever 445-286 should be adjusted so that lever 445-298 operated by eccentric on main shaft, just clears the lower corner of the cut-out in vertical link 46-162 as this link is moving over on the final stitch.

15. ADJUSTING HEIGHT OF BUTTON CLAMP - See Plate B

Adjust vertical rod 71-73 so that the roller 35-17 clears rod 71-93 by about $\frac{1}{32}$ of an inch when the button clamp is in its rearward position. Check stop pin 22-273. The purpose of this pin is to prevent overthrow of the button clamp, so that the button cannot strike the needle.

16. ADJUSTING PRESSURE ON BUTTON CLAMP - See Plate B

The pressure on the button clamp should be moderately light and is regulated by the upper knurled nut 20-60 on screw 18-866 and locked by the lower knurled nut.

17. ADJUSTING THREAD NIPPER - See Plate B

The thread nipper 4187-1 should be adjusted so that there is $\frac{3}{64}$ of an inch between it and the thread nipper block 115-107 when the thread nipper is open.

18. AUTOMATIC THREAD TENSION RELEASE - See Plate C

The thread tension release operates the tension discs mounted on tension staff 468-21, and requires a moderate tight tension to clamp the thread tight until the looper has taken the loop, to prevent the looper from stealing thread. This tension is timed as follows:

Turn the machine in the proper direction until the needle bar is moving upwards and is from $5/16$ to $3/8$ of an inch from its highest position. Loosen the two hexagon head screws 1333 in the needle bar lever 45-335, and turn shaft 14-368 in the proper direction until the thread is released by the tension discs on tension staff 468-21. Tighten both screws 1333.

When this setting has been properly made, the automatic thread tension release requires no further adjustment.

19. THREAD TENSION

The regular thread tension staff 468-22 is mounted behind the automatic thread tension release. As in any sewing machine, this regular thread tension may require adjustment for different threads. Normally, only a light tension is required.

The opener for the regular thread tension operates just before the end of each stitching cycle. It should be adjusted to release the thread at the time the button clamp starts to raise. This adjustment is made by loosening screw 18-750 and sliding lever 45-327 to open the tension discs. See Plate B.

20. THREAD TAKE-OFF - See Plate B.

The purpose of thread take-off lever 45-434, is to pull enough thread through the tension at the end of one stitching cycle so that the first stitch of the next stitching cycle may be made. This lever should be adjusted so that it does not pull off so much thread that tails of thread are left on the button when completed.

This lever is adjusted by loosening screw 18-750 and moving block 115-106 in the appropriate direction along the nipper bar.

21. TWO TREADLE OPERATION - See Plate C

In case it is desired to eliminate the automatic raising of the clamp and thus use two foot treadles, proceed as follows: Connect link 46-135 to the front hole in lever 445-286. Move bearing screw 18-392 but do not loosen screw 1206. The chain from the second treadle is attached to the hole in the lower end of vertical link 46-162. A hole is provided in the base of the machine thru which the chain may be passed.

SHANK BUTTONS - See Plate 7

In general, buttons up to 50 lignes can be handled, although in some cases, buttons as large as 55 lignes can be sewed.

The following is a description of the important points to be observed when sewing shank buttons.

22. NEEDLES

Use long needles for sewing shank buttons. The needle bar must be reset using the lower set of timing marks. See Paragraph 9.

23. FOOT TREADLE

An additional foot treadle is used for sewing shank buttons. This second treadle should be placed beside the main treadle and to the left of it, in a position convenient for the operator. The chain from this second treadle is attached to the hole in the lower end of the vertical link 46-162, that lifts the button clamp. See Plate C. A hole is provided in the base of the machine thru which this chain may be attached. Note that the normal setting for sewing shank buttons still uses the automatic lift to break the thread. The second foot treadle is for the purpose of opening the button clamp.

24. HEIGHT OF BUTTON CLAMP - See Plate B

An adjustment is provided for controlling the amount the operator can open the button clamp with the second foot treadle when the machine has stopped. This adjustment is made by moving the block 115-127 mounted on the front of the machine.

To guard against the button clamp being raised so high that the button strikes the needle, there is an adjustable stop 42-21 mounted on the button clamp lifting lever on the rear top left of the machine. See Plate B.

25. ADAPTERS, CLAMPS AND WORK SUPPORT BLOCKS

There are a great many different combinations of adapters, clamps and work support blocks available for sewing shank buttons. A different set may be required for different shank buttons. Unless the correct number of these parts is known, several sample buttons should be sent to the agent so that he can determine just what is required.

26. FEED PLATE

The feed plate for sewing shank buttons should be set so that there is slightly less than $1/64$ of an inch between the needle and the front edge of the opening in the work support block.

Models 200-6 and 200-7

SPECIAL INSTRUCTIONS

27. SETTING FOR SIX OR EIGHT STITCHES - See Plate 12

Refer to Paragraph 5 Page 12. NOTE: Six or eight stitches are not used when sewing four hole buttons.

28. SETTING MACHINE FOR TWO HOLE BUTTONS AND FOR TACKING - See Plate 12

The motion of the clamp can be set so that it is either crosswise or lengthwise of the arm:

a. To set the clamp motion crosswise of the arm, pull slide Plate 4110-329 all the way out. Put spring indicator 21-287 in the two hole button position. Use indicator 155-14 for desired spacing.

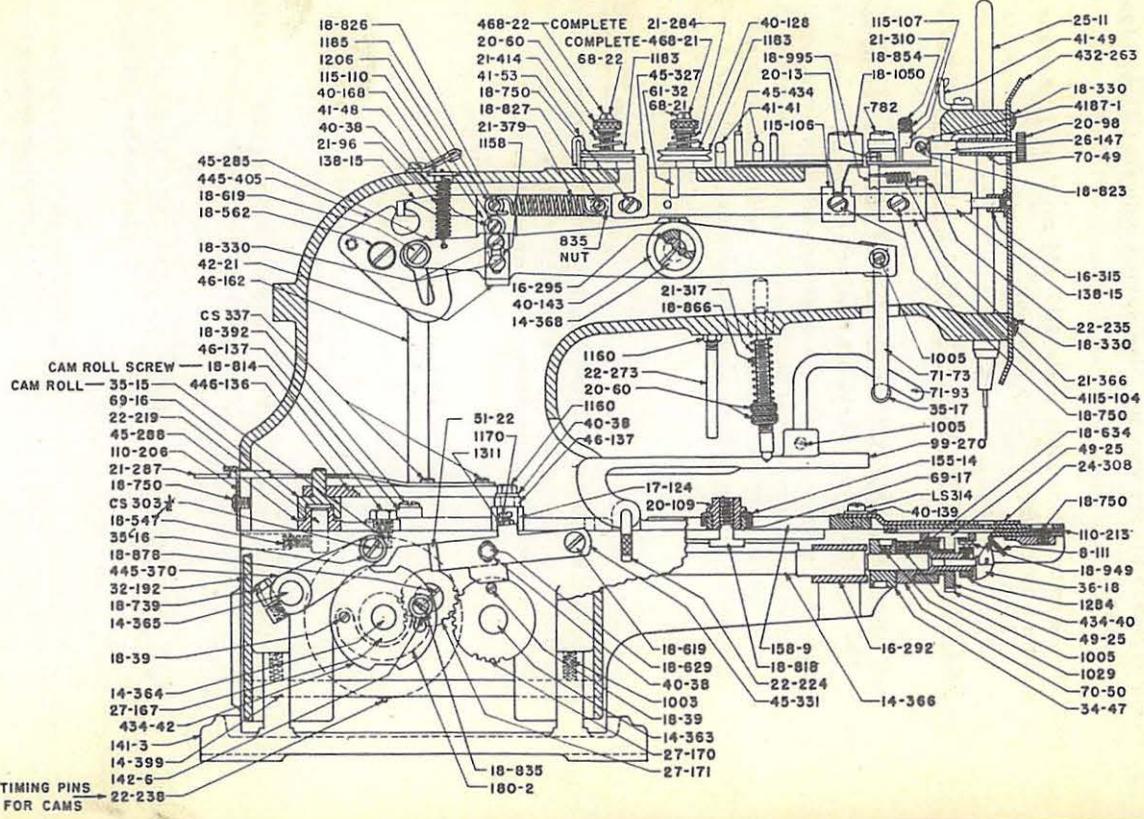
b. To set the clamp motion lengthwise of the arm, push slide Plate 4110-329 all the way in. Use spring indicator 21-287 for desired spacing.

NOTE: Adjustment of slide plate 4110-329 must only be made when the machine is in normal stop position.

29. SETTING MACHINE FOR FOUR HOLE BUTTONS - See Plate 12

Pull slide plate 4110-329 all the way out, and use spring indicator 21-287 and indicator 155-14 for desired spacing.

CLASS 200



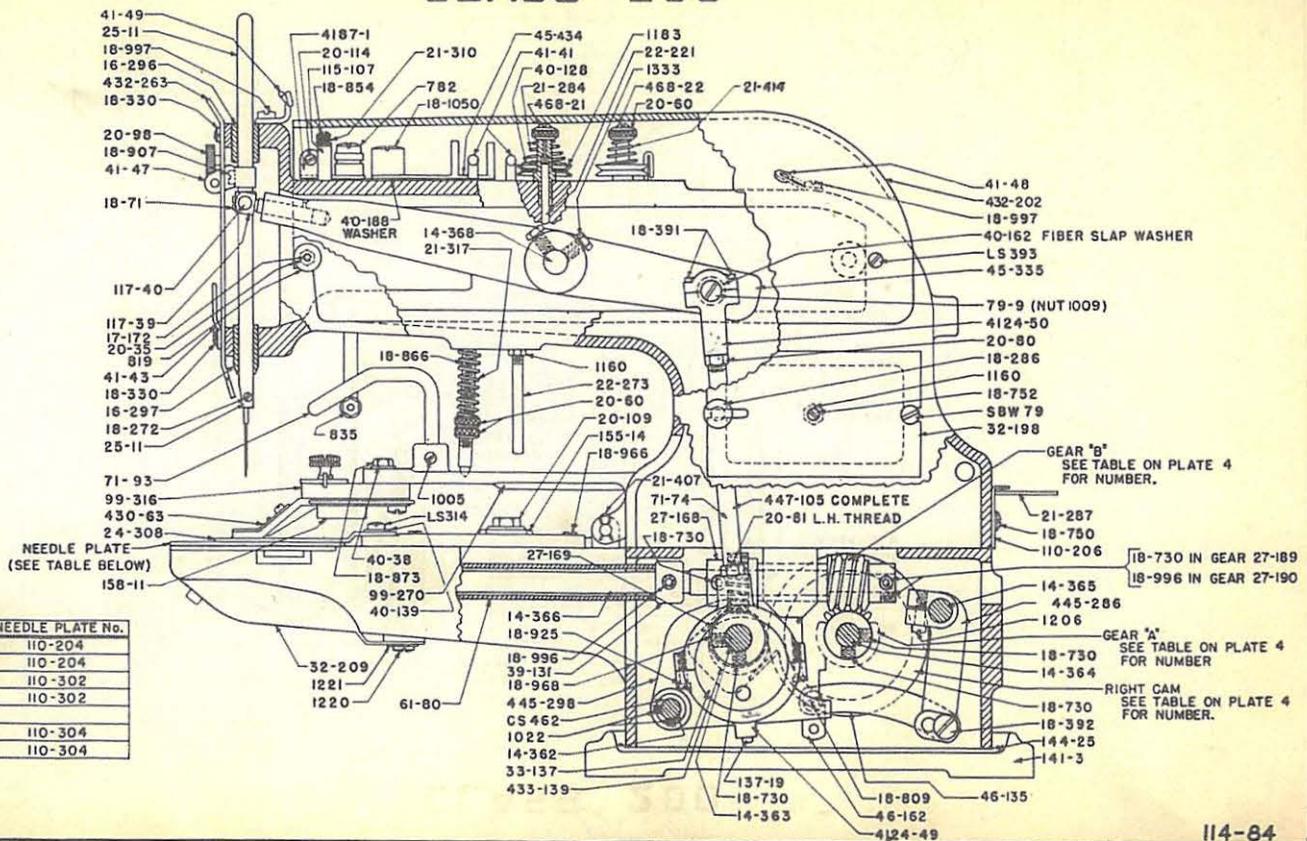
114-84

1 OF 6 SHEETS

61758 3726 61054 22584 61261 41961 9550 61550 5150 42450 32150 11150 112949 111449 10349 21749

PLATE 1

CLASS 200



MODEL No.	NEEDLE PLATE No.
200-1	110-204
200-2	110-204
200-3	110-302
200-4	110-302
200-6	110-304
200-7	110-304

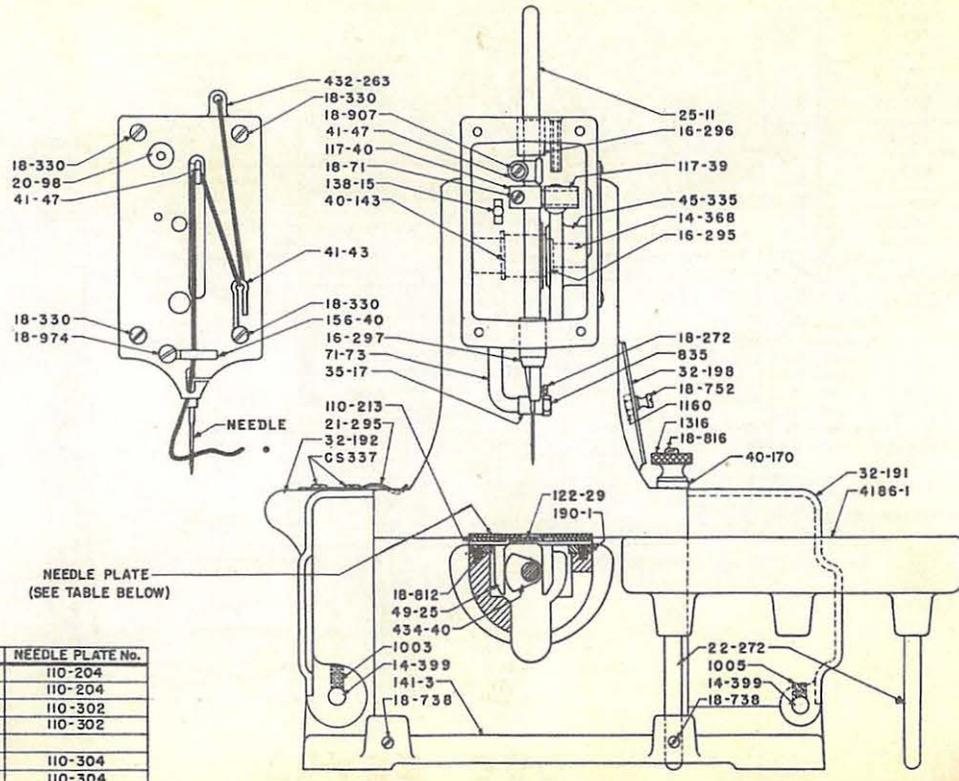
114-84

2 OF 6 SHEETS

61758 3726 61054 22584 61261 41961 9550 61550 5150 42450 32150 11150 112949 10349 22149

PLATE 2

CLASS 200

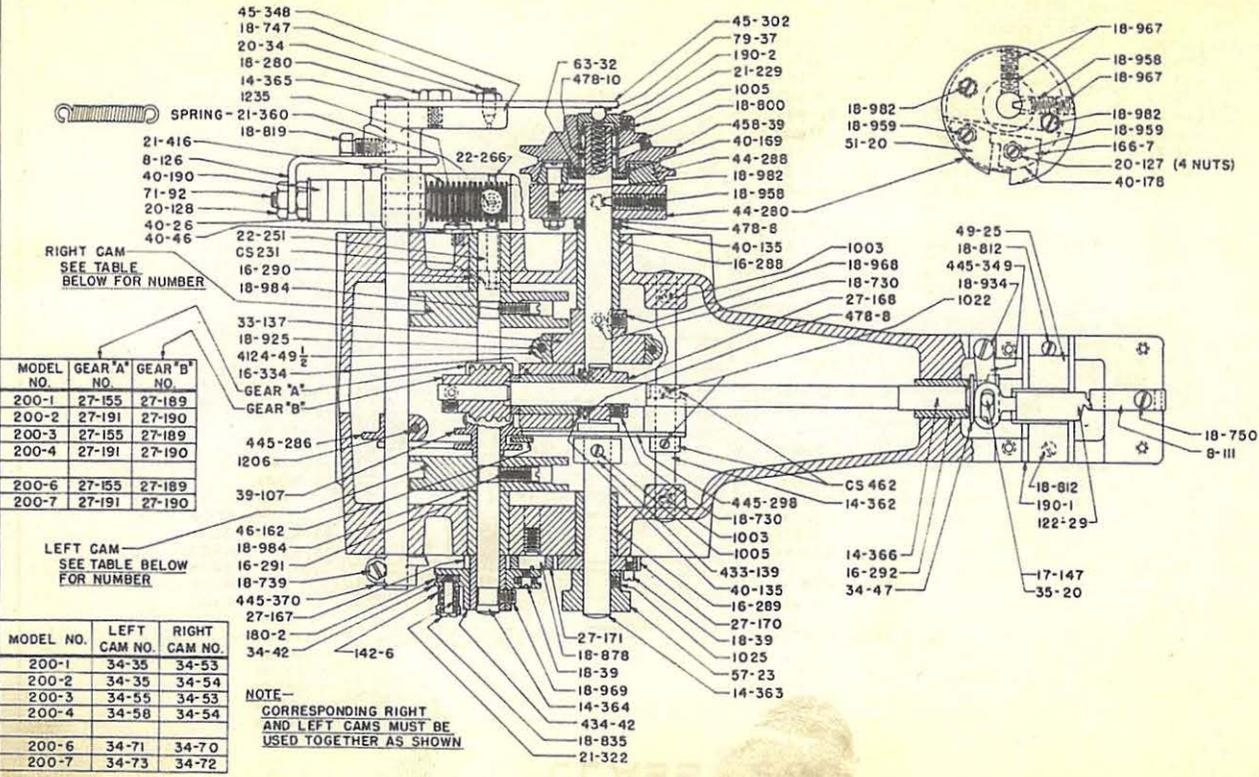


MODEL No.	NEEDLE PLATE No.
200-1	110-204
200-2	110-204
200-3	110-302
200-4	110-302
200-6	110-304
200-7	110-304

#3 OF 6 SHEETS

61758 3756 61054 22554 61251 9550 42450 32150 112849 111448 10349 51149 114-84

CLASS 200



MODEL NO.	GEAR 'A' NO.	GEAR 'B' NO.
200-1	27-155	27-189
200-2	27-191	27-190
200-3	27-155	27-189
200-4	27-191	27-190
200-6	27-155	27-189
200-7	27-191	27-190

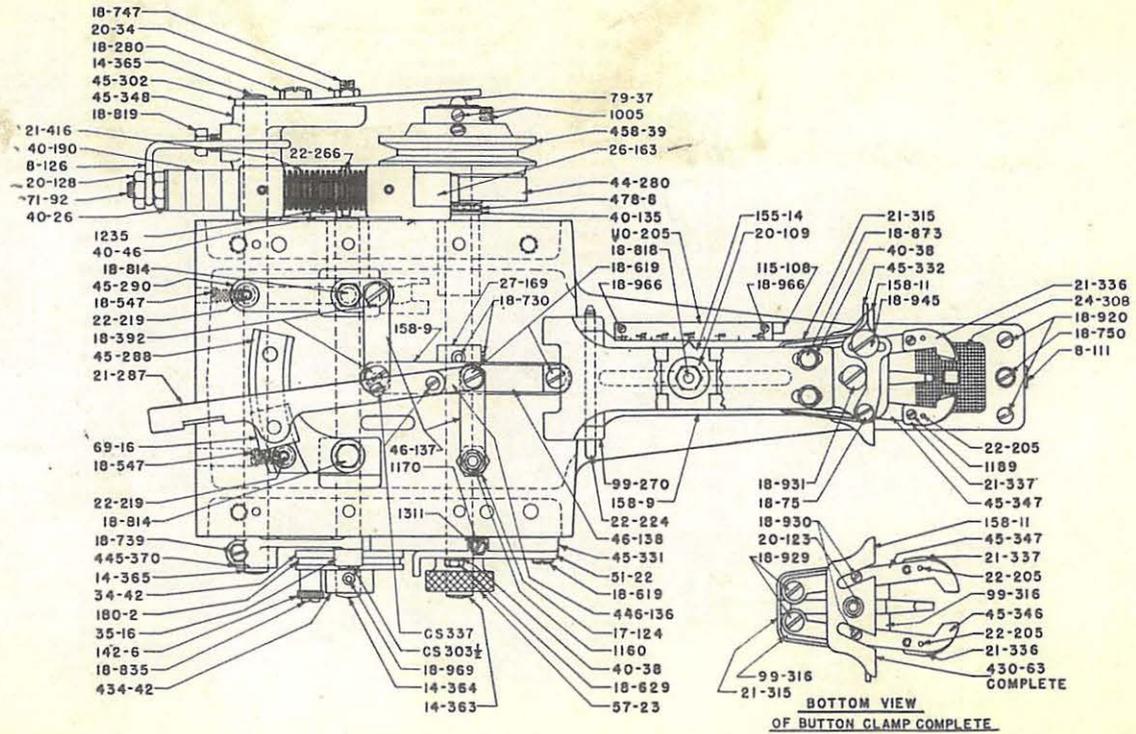
MODEL NO.	LEFT CAM NO.	RIGHT CAM NO.
200-1	34-35	34-53
200-2	34-35	34-54
200-3	34-55	34-53
200-4	34-58	34-54
200-6	34-71	34-70
200-7	34-73	34-72

NOTE--
CORRESPONDING RIGHT
AND LEFT CAMS MUST BE
USED TOGETHER AS SHOWN

#4 OF 6 SHEETS

114-84 61758 2249

CLASS 200

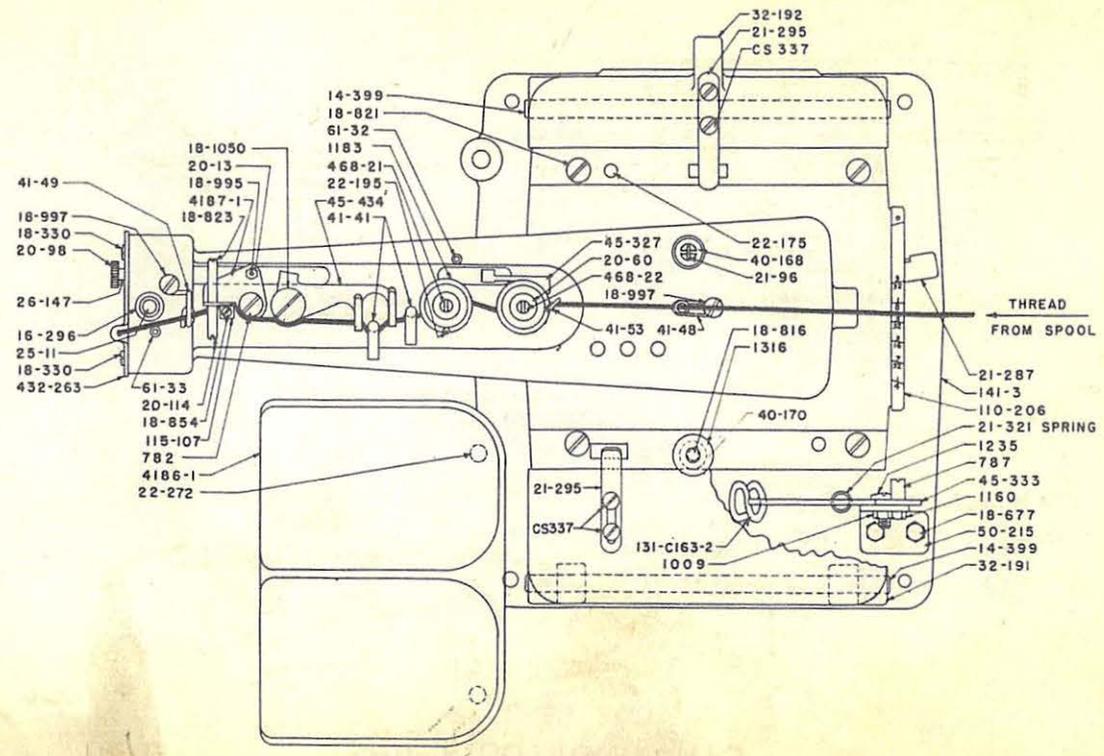


114-84

5 OF 6 SHEETS

61758 3786 61054 22534 61251 41951 9550 61550 42450 32150 112949 111449 103149 10349 4649

CLASS 200

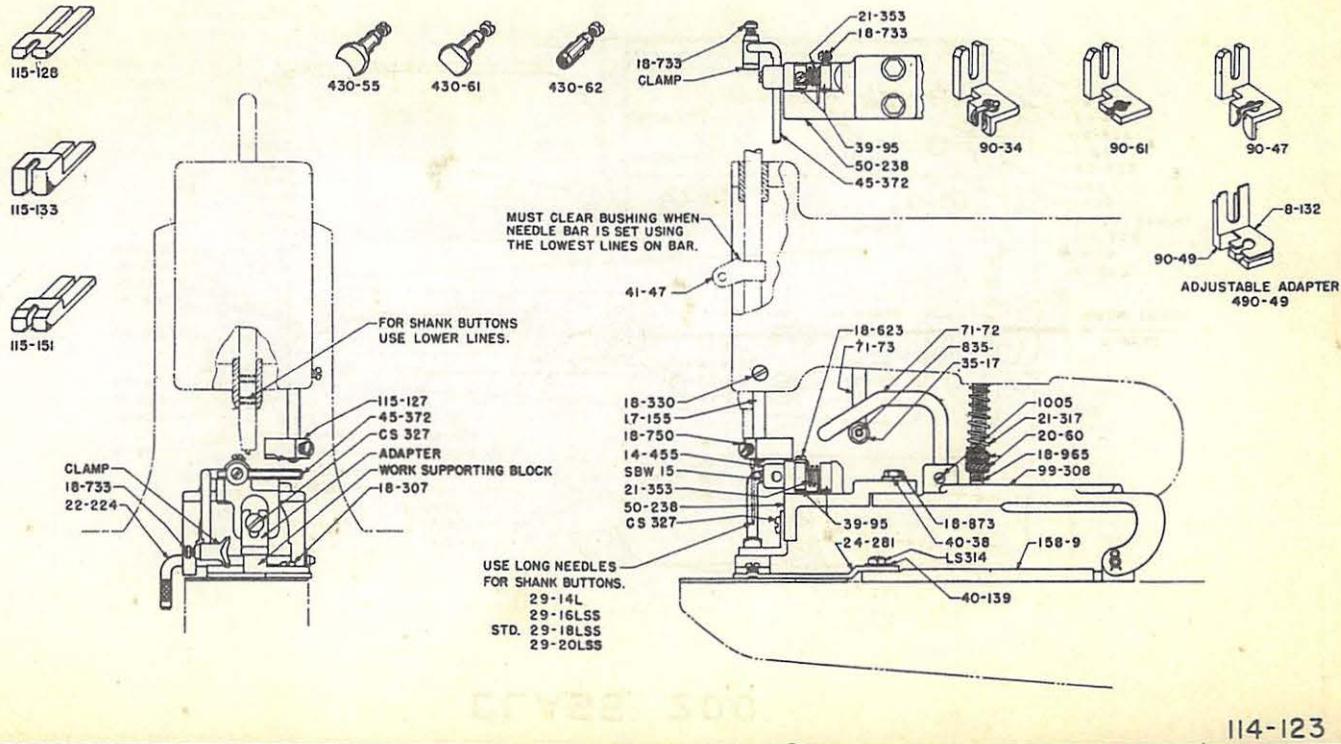


114-84

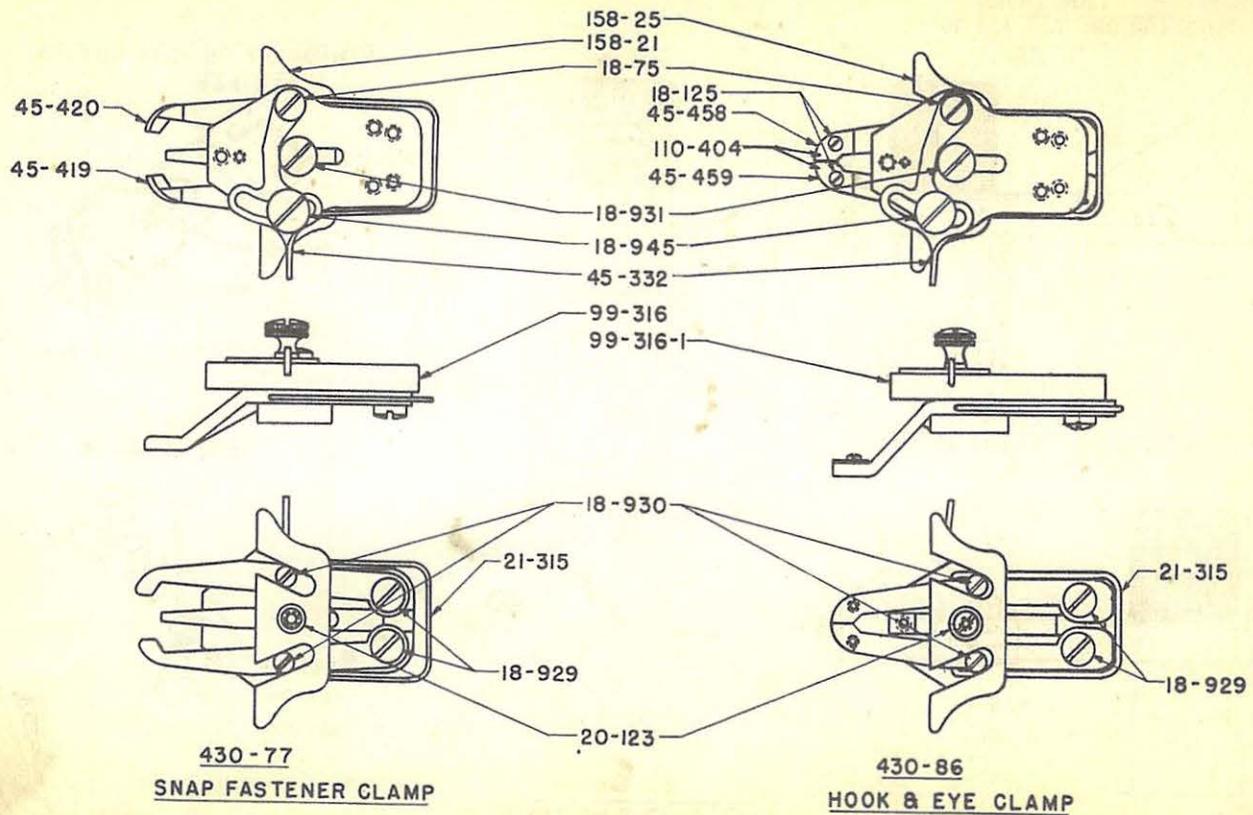
6 OF 6 SHEETS

61758 3786 22554 61251 41951 9550 5150 42450 32150 10349 5949

SHANK BUTTON PARTS FOR CLASS 200



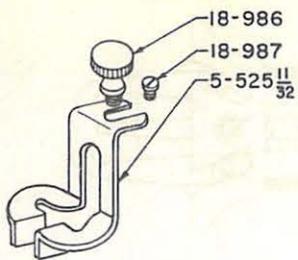
61758 61054 414 84 93052 62051 61050



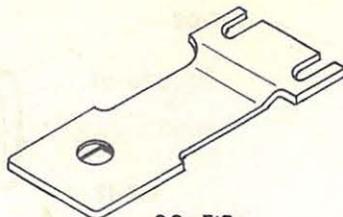
114-176

72258 61758 3756

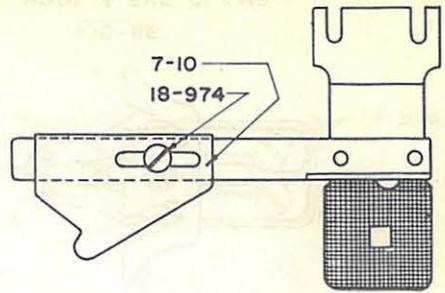
CLASS 200



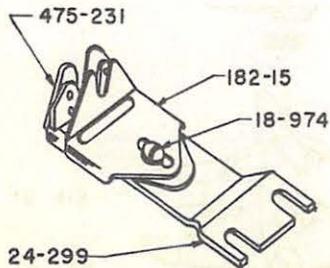
SHANKING FOOT



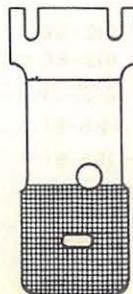
99-313-
STAY BUTTON HOLDER



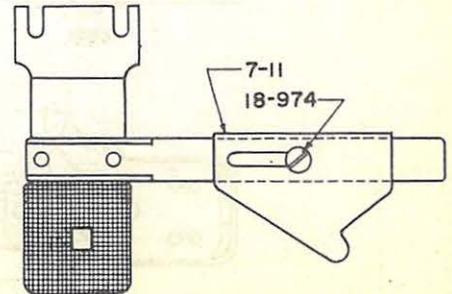
407-10
GAUGE FOR SPACING BUTTONS
(LEFT SIDE)



424-299
BUTTON NECKING ATTACHMENT



24-304



407-11
GAUGE FOR SPACING BUTTONS
(RIGHT SIDE)

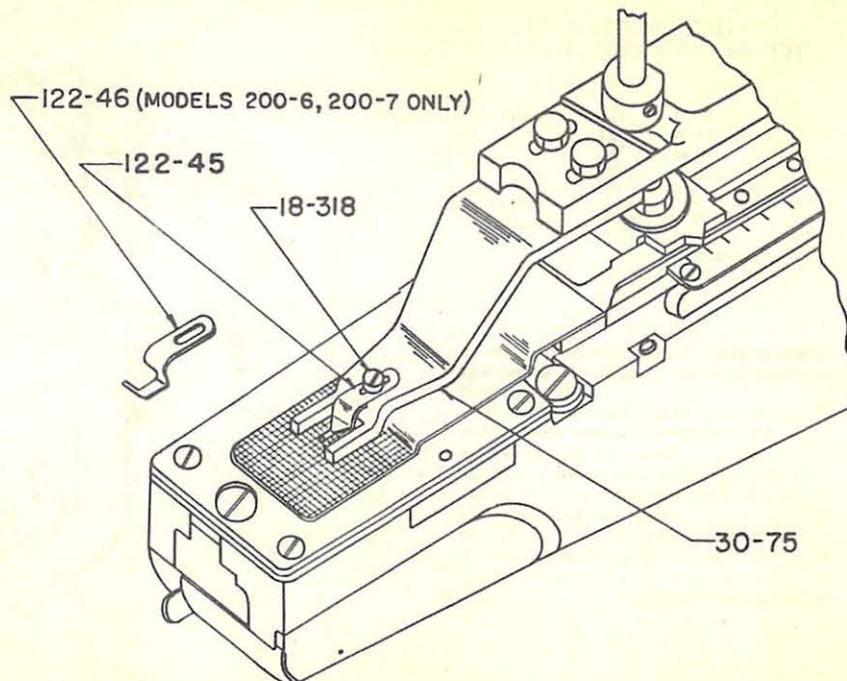
SHEET 1 OF 1

72258 7258 3756 3554 62551 114-150

PLATE 9

28

TACKING CLAMP COMPLETE WITH THREAD BREAKING FINGER



MODELS 200-1, 200-2, 200-3, 200-4, 200-5 USE TACKING CLAMP 430-75
MODELS 200-6, 200-7 USE TACKING CLAMP 430-75-1

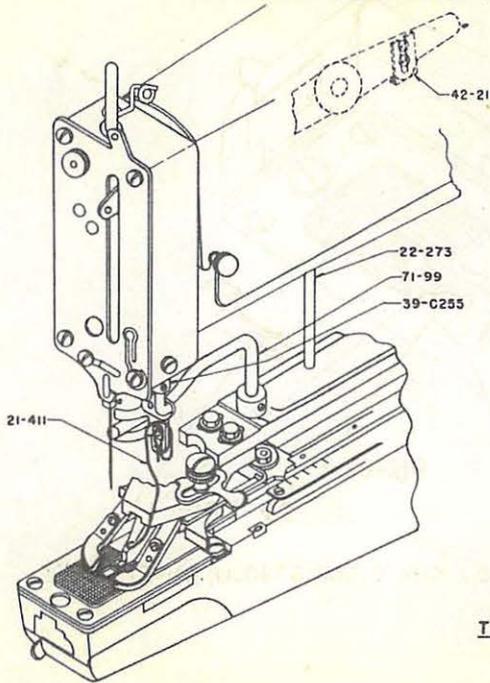
114-162

7254 5799

PLATE 10

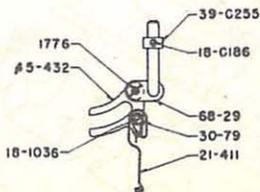
29

THREAD WIPER FOR LEWIS 200 CLASS
BUTTON SEWING MACHINES



INSTRUCTIONS FOR ADJUSTING THREAD WIPER

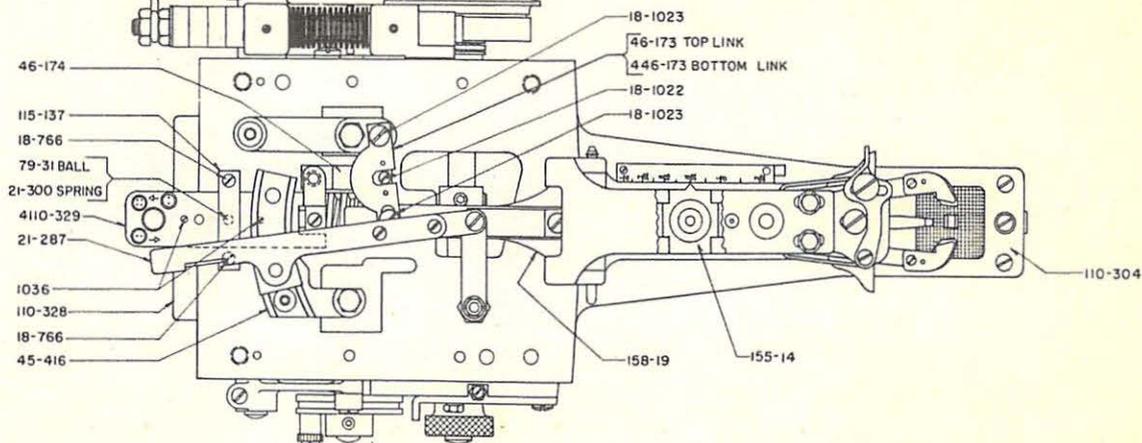
SET ROD 71-99 TO LIFT CLAMP TO A MAXIMUM OF 19/32" FROM FEED PLATE.
SET STOP 42-21 AND STOP PIN 22-273 SO CLAMP WILL NOT OVERTHROW.
ADJUST COLLAR 39-C255 WHEN CLAMP IS DOWN, SO LOOP ON SPRING 21-411 IS 3/8" TO RIGHT OF NEEDLE. TIGHTEN SET SCREW IN COLLAR.
ADJUST WIPER FORWARD OR BACKWARD SO BACK OF LOOP ON WIPER SPRING 21-411 PASSES IN FRONT OF THREAD.
SEW ONE OR TWO BUTTONS, TURNING MACHINE MANUALLY TO CHECK ADJUSTMENT, BEFORE SEWING BY POWER.



THREAD WIPER ASSEMBLY No. 445-432
(INCLUDES ROD 71-99)

114-170
1755

MODELS 200-6 AND 200-7



114-164

61758 91957 61054 32654

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
5-525-11/32	9	Shanking Foot.
7-10	9	Gauge for spacing buttons, left hand.
7-11	9	Gauge for spacing buttons, right hand.
8-111	1,4,5	Guard for Needle, in cylinder base.
8-126	4,5	Guard for stop motion plunger rod 71-92.
8-132	7	Adjustable Guard for 90-49, 90-54.
14-362	2,4	Shaft for lift lever 445-298 in base.
14-363	1,2,4,5	Pulley Shaft in base.
14-364	1,2,4,5	Cam Shaft in base.
14-365	1,2,4,5	Stop Motion Trip Lever Shaft in base.
14-366	1,2,4	Looper Shaft in base.
14-368	1,2,3	Shaft for Needle Lever 45-335 in arm.
14-399	1,3,6	Hinge Shaft in both sides of Sub-base for Covers 32-191 and 32-192.
14-455	7	Shaft for holding Shank Button Clamp Opening Lever 45-372.
16-288	4	Bushing in right side of base for Pulley Shaft 14-363.
16-289	4	Bushing in left side of base for Pulley Shaft 14-363.
16-290	4	Bushing in right side of base for Cam Shaft 14-364.
16-291	4	Bushing in left side of base for Cam Shaft 14-364.
16-292	1,4	Bushing in front of base for Looper Shaft 14-366.
16-295	1,3	Bushing in arm for Needle Lever Shaft 14-368.
16-296	2,3,6	Bushing (Upper) in arm for Needle Bar 25-11.
16-297	2,3	Bushing (Lower) in arm for Needle Bar 25-11.
16-315	1	Bushing in Cover 432-263 for Bar 138- 15. Sold Assembled in Front Cover 432-263 only.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
16-334	4	Bushing in rear of base for Looper Shaft 14-366.
17-124	1,5	Bearing Stud in top of base for Slide Plate Link 46-137.
17-147	4	Stud in Lever 445-349 for Roll 35-20 for Positioning Finger 122-29, in cylinder base.
17-155	7	Stud for holding Shank Button Clamp Opening Block 115-127, in front of arm.
17-172	2	Stud for Cover 432-202.
18-39	1,4	Hinge Screw for adjustable shoe or lobe in stop motion cam 434-42, left side of base. Screw in side of Gear 27-170 on left side of base, for lifting lever 45-331.
18-71	2,3	Screw for clamping Bearing Block 117-40 to Needle Bar 25-11.
18-75	5,8	Hinge Screw for Stop Lever 45-332, on Flat Button Clamps, Snap Fastener Clamp 430-77, Clamp 430-86.
18-125	8	Screw for 110-404.
18-C186	11	Screw for Collar 39-C255.
18-272	2,3	Screw in Needle Bar 25-11, for Needle.
18-280	4,5	Hexagon Screw for attaching 45-302 to 45-348 in stop motion, right side of base.
18-286	2	Screw for Covers 32-198 on side of arm
18-307	7	Screw for attaching work supporting block to Feed Plate, Shank Buttons.
18-318	10	Screw for holding thread breaking fingers 122-45 and 122-46 to Clamp 30-75.
18-330	1,2,3, 6,7	Screws for Stop 42-21 on Lever 45-285 and for Front End Cover 432-263. Screw for Stud 17-155 for opening button clamp, Shank buttons.
18-391	2	Screws for cap of Top Ball Joint 4124-50, in arm.
18-392	1,2,5	Shoulder Screw for 46-135 and 46-175 in base, and 46-137 on top of base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
18-547	1,5	Set Screw in rear of base for holding Bearing Pin 22-219.
18-562	1	Screw for Lever 445-405, left side of arm.
18-619	1,5	Shoulder Screw for Links 46-136 and 46-138 on top of base. Shoulder screw for connecting Link 46-162 to lever 445-405, on left side of arm. Shoulder Screw for Lever 45-331 on left side of base.
18-623	7	Screw in Collar 39-95 for Spring 21-353 on Shank Button Clamp.
18-629	1,5	Screw in Lever 45-331 for clamping latch 51-22, left side of base.
18-634	1	Screws for positioning Finger Cam 434-40, in cylinder base.
18-677	6	Screws for Stop Motion Trip Lever Bracket 50-215, on Sub-base.
18-730	2,4,5	Allen Set Screw: 1 for Lower Ball Eccentric 33-137. 2 for Worm 27-189. 2 for Grooved Collar 39-107. 2 for Worm Gear 27-155. 1 for Spiral Gear 27-169. 2 for Spiral Gear 27-168.
18-733	7	Screw for Clamp for Shank Buttons.
18-738	3	Screw in Sub-base for Button Tray 4186-1.
18-739	1,4,5	Clamp Screw for Stop Motion Trip Lever 445-370, on left side of base.
18-747	4,5	Screw for adjusting Lever 45-302 for Clutch Pressure, right side of base.
18-750	1,2,4,5, & 7	Screw for clamping block 4115-104 to Nipper Operating Bar 138-15, and Screw for adjusting block 115-106 for adjusting thread pull-off Lever 445-304 on top of Arm. Screw for adjusting lever 45-327 to open Tension Disc on 468-22. Screw for Needle Guard 8-111 in Cylinder Base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
18-750	1,2,4,5,7	Screws for attaching Indicator Plate 110-206 to Base. Screw for guard 8-111. Screw for holding Lever 45-327 to nipper bar. Screw for holding Block 115-127 to Stud 17-155, for Shank Buttons. Screws for holding blocks 115-106 and 4115-104 to nipper bar.
18-752	2,3	Knob Screw for right side Cover 32-198.
18-766	12	Screws for block 115-137, top rear of base.
18-800	4	Screw for grease hole in Clutch Pulley, 458-39.
18-809	2	Screw connecting curved link 46-135 to vertical link 46-162, in Base.
18-812	3,4	Screws to attach insert for Looper Yoke 190-1 to cylinder base.
18-814	1,5	Screw for Cam Roller 35-15, in base.
18-816	3,6	Screw for locking machine to sub-base.
18-818	1,5	Screw for clamping Indicator 155-14 to slide plate 158-9, on cylinder base
18-819	4,5	Spot Screw for Stop Motion Plunger Lever 45-348, right side of base.
18-821	6	Screws for attaching Arm to Base.
18-823	1,6	Screw Stud for opening Nipper. Takes Nut 20-114. Top front of Arm.
18-826	1	Screw for spring 21-379 in block 115-110, left side of Arm.
18-827	1	Screw on Nipper Bars 138-15 and 138-22 for front end of Spring 21-379, left side of Arm.
18-835	1,4,5	Screw for clamping adjustable Shoe 180-2 for stop motion 434-42, left side of base.
18-854	1,2,6	Screw for Thread Nipper Block 115-107, on top of arm.
18-866	1,2	Screw for adjusting pressure on Button Clamp Holder 99-270, under Arm.
18-873	2,5,7	Screws to attach Button Clamp to Button Clamp Holder 99-270.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
18-873	7	Screws for attaching Bracket 50-238 on Shank Button Clamp.
18-878	1,4	Bearing Screw for Gear 27-171, on left side of base.
18-907	2,3	Screw for clamping Thread Guide (Take-up) 41-47, to Needle Bar 25-11.
18-920	5	Screws for Needle Plates.
18-925	2,4	Cap Screws for Ball Joint 4124-49, in base.
18-929	5,8	Hinge Screws for 45-346 and 45-347 in Flat Button Clamps, and in Snap Fastener Clamp 430-77, and in Clamp 430-86.
18-930	5,8	Bearing Screws for Slots of Slides 158-11, 158-21 in Flat Button Clamps, Snap Fastener Clamp 430-77, Clamp 430-86.
18-931	5,8	Shoulder Screw for Slide Blocks 158-11, 158-21 in Flat Button Clamps, Snap Fastener Clamp, 430-77, Clamp 430-86.
18-934	4	Shoulder Screw for positioning finger Lever 445-349, in cylinder base.
18-945	5,8	Knurled Screw for clamping adjusting Lever 45-332 on Flat Button Clamps, Snap Fastener Clamp 430-77, Clamp 430-86.
18-949	1	Screw in Collar 1284 for clamping Loop-er 36-18, in front end of Cylinder Base.
18-958	4	Spot Screw for Stop Motion Disc 44-280, right side of base.
18-959	4	Screw for Stop Motion Latch 51-20 and Pawl 166-7 in steel disc 44-280, on right side of base.
18-965	7	Screw for regulating Pressure on Shank Button Clamp.
18-966	2,5	Screws for Graduated Plate 110-205 on top of Cylinder Base.
18-967	4	Allen Set Screw for Stop Motion Disc 44-280.
18-968	2,4	Spot Screw for Needle Drive Eccentric 33-137, in base.
18-969	4,5	Allen Set Screws (2) for Stop Motion Cam 434-42, left side of base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
18-974	1,2,3,6,9	Screws for Thread Snubber 156-40 on End Cover 432-263. Screw for Gauge for spacing buttons 407-10, 407-11. Screw in 424-299.
18-982	4	Screw to keep Friction Disc 44-288 from turning.
18-984	4	Set Screws for Button Clamp Vibrating Cams, in base.
18-986	9	Screw for clamping Shanking Foot 5-525-11/32.
18-987	9	Screw for Positioning Shanking Foot 5-525-11/32.
18-995	1,6	Screw for Spring 21-366 for Thread Nipper 4187-1.
18-996	2	Allen Set Screw for Worm 27-190 on Models 200-2 and 200-4, and for Collar 39-131.
18-997	2,6	Screw for Thread Guides 41-48 and 41-49.
18-1022	12	Link Locking Screw on top of base.
18-1023	12	Bearing Screws for Links 46-173 and 446-173.
18-1036	11	Screw for Thread Wiper Spring Clamp.
18-1050	1,2,6	Bearing Screw for 45-434.
20-13	1,6	Nuts for Screw 18-995 in Nipper 4187-1.
20-34	4,5	Nut for Adjusting Screw 18-747 for Lever 45-302, on right side of base.
20-35	2	Lock Nut for Stud 17-172.
20-60	1,2,6, & 7	Knurled Nut for adjusting Thread Tension Springs 21-284 and 1132 on top of arm. Nuts for adjusting Spring 21-317 for pressure on Button Clamp Holder, under arm. Nuts for Screw 18-965 for Pressure Spring for sewing Shank Buttons.
20-80	2	Nut on top of Connecting Rod 71-74 to lock Ball Joint 4124-50.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
20-81	2	Nut (left hand thread) on bottom of Connecting Rod 71-74 to lock Ball Joint 4124-49.
20-98	1,2,3 & 6	Knurled Thumb Nut on Plunger 26-147 for releasing Thread Nipper, in front cover.
20-109	1,2,5	Fulcrum Nut for Button Clamp Slide Plate, on top of base.
20-114	2,6	Nut on Screw Stud 18-823 for opening Nipper.
20-123	5,8	Slotted Nut for locking screw 18-931 in Flat Button Clamps 430-63 and 430-63-1, Snap Fastener Clamp 430-77, Clamp 430-86.
20-127	4	Nut for locking Screws 18-959 and 18-982 in steel Disc 44-280, for Stop Motion.
20-128	4,5	Nuts for Stop Motion Rod 71-92, right side of base.
21-70	12	Spring for ball 79-31.
21-96	1,6	Spring for Button Clamp Lifting Lever 45-285, in rear left side of arm.
21-229	4	Spring in end of Pulley Shaft 14-363 for releasing clutch.
21-284	1,2	Thread Tension Spring (front) in Thread Tension Staff 468-21 on top of arm.
21-287	1,2,5, 6,12	Handle and Indicator Spring on Link 46-136 to regulate lengthwise movement of Button Clamp on rear of arm.
21-295	3,6	Spring for holding Covers 32-191, 32-192.
21-310	1,2	Spring for Thread Nipper Block 115-107, on top of arm.
21-315	5	Spring for closing Jaws of Flat Button Clamp, Snap Fastener Clamp 430-77, Clamp 430-86.
21-317	1,2,7	Spring for regulating pressure on Button Clamp Holders 99-270 and 99-308, under arm.
21-321	6	Spring for Lever 45-333 to trip stop motion on sub-base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
21-322	4	Spring on Screw 18-835 for Knob 142-6 for locating Shoe in Cam 434-42, left side of base.
21-336	5	Spring for holding button in Lever 45-346, right Jaw of Flat Button Clamps.
21-337	5	Spring for holding button in Lever 45-347, left Jaw of Flat Button Clamp.
21-353	7	Spring for Clamp Opening Lever 45-372 on Shank Button Clamp.
21-359	4,5	Spring (rear) on stop Motion Rod 71-92, right side of base.
21-360	4	Spring for restoring Stop Motion Lever 45-348, right side of base.
21-361	4,5	Outside Spring in Stop Motion Lever 45-348 for Rod 71-92, right side of base.
21-362	4,5	Inside Spring in Stop Motion Lever 45-348 for Rod 71-92, right side of base.
21-366	1	Spring for applying pressure on Nipper 4187-1, top left side of arm.
21-379	1	Spring for Nipper Bars 138-15 and 138-22 rear left side of arm.
21-407	2	Spring Clip for Pin 22-224.
21-411	11	Thread Wiper Spring.
21-414	1,2	Thread Tension Spring in 468-22, rear, on top of arm.
21-416	4,5	Disc Spring for stop motion, (30 used).
22-175	6	Dowel Pins for Arm and Base.
22-195	6	Locating Pin for Tension Discs 1183 on top of arm,
22-205	5	Locating Pins for Spring 21-336 and 21-337 on Jaws of Flat Button Clamps.
22-219	1,5	Bearing Pin for Lever with curved slot 45-228 for moving Button Clamp lengthwise and for Lever 45-290 for moving Button Clamp sidewise on rear top of base.
22-221	2	Pin for releasing Tension in Tension Staff 468-21 on top of arm.
22-224	1,5,7	Hinge Pin for Button Clamp Holders 99-270 and 99-308.
22-235	1	Spring Pin in Block 4115-104 for adjusting Nipper on left side of arm.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
22-238	1	Timing Pin in both sides of Base for setting timing marks on both Cams for operating Button Clamps.
22-251	4	Pin for holding lower end of Spring 21-360, Right side of base. Use Nut CS 231.
22-266	4,5	Pin for holding upper end of Spring 21-360, right side of base.
22-272	1,2,11	Pin legs for button tray. Not sold. See 4186-1.
22-273	1,2	Stop Pin for button clamp, under arm.
24-281	7	Feed Plate for sewing Shank Buttons.
24-299	9	Feed Plate for Necking Attachment 424-299.
24-304	9	Feed Plate for Knit Goods - 2 hole Buttons.
24-307	*	Feed Plate with 5/16" opening, for Flat Buttons.
24-308	1,2,5	Feed Plate with 1/4" opening, for Flat Buttons.
25-11	1,2,3,6	Needle Bar.
26-147	1,6	Plunger for releasing Nipper by hand, in front cover.
26-163	5	Plunger for Stop Motion, right side of base.
27-155	2,4	Worm Gear on Cam Shaft 14-364, 16-to-1 ratio, in base. Mating Worm is 27-189. For making 8, 16 and 32 stitches Models 200-1, 200-3 & 200-6.
27-167	1,4	Gear in 434-42-1 for stop motion. Furnished with 434-42-1 only.
27-168	2,4	Spiral Gear on Looper Shaft 14-366. Mating Gear is 27-169.
27-169	2,5	Spiral Gear on Pulley Shaft 14-363 for Driving Machine. Mating Gear is 27-168.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
27-170	1,4	Spur Gear on Pulley Shaft 14-363 to make double cycle, Mating Gear is 27-171, left side of base.
27-171	1,4	Spur Gear, intermediate, for double cycle. Drives Gear 27-170. Left side of base.
27-189	2,4	Worm on Looper Shaft 14-366. 16-to-1 ratio in base. Mating Worm Gear is 27-155. For making 8,16 and 32 stitches. Models 200-1, 200-3 and 200-6.
27-190	2,4	Worm on Looper Shaft 14-366. 12-to-1 ratio, in base. Mating Worm Gear is 27-191. For making 6, 12 and 24 stitches. Models 200-2, 200-4 and 200-7.
27-191	2,4	Worm Gear on Cam Shaft 14-364, 12-to-1 ratio, in base. Mating Worm is 27-190. For making 6, 12 and 24 stitches. Models 200-2, 200-4 and 200-7.
30-75	10	Clamp for Tacking Clamps 430-75 and 430-75-1.
30-79	11	Thread Wiper Spring Clamp.
32-191	3,6	Cover for stop motion and Pulley, right side of base.
32-192	1,3,6	Cover for left side of base.
32-198	2,3	Cover for right side of arm.
32-209	2	Swing Cover for Front end of Cylinder Base.
33-137	2,4	Ball Eccentric for Ball Joint 4124-49 in base.
34-35	4	Cam in left side of base for moving button Clamp in lengthwise direction of machine. Models 200-1 and 200-2.
34-42	4,5	Stop Motion Cam on left side of base. Sold as part of 434-42-1.
34-47	1,4	Cam on Looper Shaft for moving loop Positioning Finger 122-29 in Cylinder Base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
34-53	2,4	Cam in right side of base for moving Button Clamp sideways of machine. 8, 16 and 32 stitches. Models 200-1, 200-3.
34-54	2,4	Cam on right side of base for moving Button Clamp sideways of machine. 6, 12 and 24 Stitches. Models 200-2 and 200-4.
34-55	4	Cam on left side of base for moving Button Clamp in lengthwise direction of machine. 8, 16 and 32 stitches. Model 200-3.
34-58	4	Cam on left side of base for moving Button Clamp in lengthwise direction of machine, 6, 12 and 24 Stitches. Model 200-4.
34-70	4	Cam on right side of base for moving Button Clamp sideways of machine 8, 16 and 32 stitches. Model 200-6.
34-71	4	Cam on left side of base for moving Button Clamp in lengthwise direction of machine. 8, 16 and 32 stitches. Model 200-6.
34-72	4	Cam on right side of base for moving Button Clamp sideways of machine. 6,12 and 24 stitches. Model 200-7.
34-73	4	Cam on left side of base for moving Button Clamp in lengthwise direction of machine. 6, 12 and 24 stitches. Model 200-7.
35-15	1	Cam Roll for Button Clamp Cams.
35-16	1,5	Cam Roll on Stop Motion Trip Lever 445-370, on left side of base.
35-17	1,3,7	Roll on Rod 71-73 for lifting Button Clamp.
35-20	4	Roll on Lever 445-349 for moving Loop Positioning Finger 122-29.
36-18	1	Looper.
39-95	7	Collar for Clamp Opening Lever Shaft 14-455, for Shank Buttons.
39-107	4	Grooved Collar on Cam Shaft 14-364 for Link 46-162 in base. Uses Screws 18-730.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
39-131	2	Collar for End Thrust on Looper Shaft.
39-C255	11	Collar for Rod 71-99.
40-26	4,5	Washer on Rod 71-92 for 40-190, right side of base.
40-38	1,2,5,7	Washer for Screw 18-629 in Lever 45-331, left side of base. Washer for Nut 1160 for Link 46-137, on top of base. Washer for Screw 1206 in block 115-110. Washer for Screw 18-873 for holding Button Clamp. Washer for mounting Bracket 50-238, Shank Buttons.
40-46	4,5	Washer for Screw 1235, right side of base.
40-128	1,2	Washer for lifting Tension Spring 21-284 on Tension Staff 468-21, on top of arm.
40-135	4,5	Ground Hardened Thrust Washer in end of Pulley and on Looper Shaft for Spiral Gear 27-168, in base.
40-139	1,2,7	Washer for Screw LS 314.
40-143	1,3	Spacing Washer for Button Clamp Lifting Lever 45-285. Left side of arm.
40-162	2	Fiber Slap Washer for top Ball Joint 4124-50 on Needle Bar Lever, right side of arm.
40-168	1,6	Washer on top of arm for holding Spring 21-96.
40-169	4	Washer for Oil Wick 63-32 in Clutch Pulley assembly 458-39. Right side of base.
40-170	3,6	Spacing Washer under 1316.
40-178	4	Lock Washer for Nuts 20-127 on Stop Motion Disc 44-280.
40-188	2	Washer for 45-434 on top of arm.
40-190	4,5	Neoprene Washer for stop motion.
41-41	1,2,6	Thread Guides, on top of arm.
41-43	2,3	Thread Guide on front cover 432-263.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
41-47	2,3,7	Thread Guide (take-up) on Needle Bar 25-11.
41-48	1,2,6	Thread Guide on top rear of arm.
41-49	1,2,6	Thread Guide on top front of arm.
41-53	1,6	Locating Pin for thread tension discs, top rear of arm.
42-21	1,11	Stop for Button Clamp Lifting Lever 45-285, when sewing Shank Buttons. Left side of arm.
44-280	4,5	Steel Disc for Stop Motion. Right side of base.
44-288	4	Clutch Disc for Stop Motion.
45-285	1	Button Clamp Lifting Lever.
45-288	1,5	Lever with curved section for moving Button Clamp lengthwise. On rear top of base.
45-290	5	Lever for moving Button Clamp sideways, on rear top of base.
45-302	4,5	Lever attached to Stop Motion Plunger Lever 45-348 for applying pressure to Clutch Disc, right side of base.
45-327	1,6	Lever for releasing Tension Discs on Thread Tension Staff 468-22, rear top of arm.
45-331	1,5	Lever for disengaging Trip Lever 445-370 to make double cycle.
45-332	5,8	Stop Lever on Button Clamp 430-63, 430-63-1 Snap Fastener Clamp 430-77, and Hook and Eye Clamp 430-86.
45-333	6	Lever on sub-base for attaching Treadle Chain to Trip Stop Motion.
45-335	2,3	Needle Bar Lever, right side of Arm.
45-346	5	Right hand Lever Jaw of Button Clamp 430-63 and 430-63-1.
45-347	5	Left Hand Lever Jaw of Button Clamp 430-63 and 430-63-1.
45-348	4,5	Stop Motion Plunger Lever on Shaft 14-365, right side of base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
45-372	7	Lever for opening Clamp for Shank Buttons.
45-416	12	Lever with curved section for moving button clamp lengthwise, on rear top of base. Models 200-6, 200-7.
45-432	11	Thread Wiper Lever.
45-434	1,2,6	Thread Pull Off Lever.
45-458	8	Left Hand Lever Jaw in 430-86.
45-459	8	Right Hand Lever Jaw in 430-86.
46-135	2	Link Connecting Lever 445-286 to Vertical Link 46-162, in base. Models 200-1; 200-2, 200-3, 200-4.
46-137	1,5	Link connecting Link 46-138 to base, and for connecting Lever 45-290 to Button Clamp Slide Plate 158-9, on top of base.
46-138	5	Link for connecting Button Clamp Slide Plates 158-9, 158-19 to Link 46-137, on rear top of base.
46-162	1,2,4	Vertical Link for lifting Button Clamp, in arm.
46-173	12	Locking link (top) for sideways motion of Button Clamp.
46-174	12	Link for disengaging sideways motion of Button Clamp.
49-25	1,3,4	Yoke Slide for moving Positioning Finger, in Cylinder Base.
50-215	6	Bracket for holding Lever for attaching chain to Trip Stop Motion, on sub-base.
50-238	7	Bracket for Clamp for Shank Buttons.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
51-20	4	Latch in Steel Disc 44-280 for Stop Motion, right side of base.
51-22	1,5	Adjustable Latch for Lever 45-331, to make double cycle, left side of base.
57-23	4,5	Hand Knob for turning machine by hand, on left side of base.
59-6	*	Box Wrench with 5/16" and 7/16" Hex. holes. Accessory.
59-7	*	1/4" Hex. Socket Set Screw Wrench.
59-9	*	3/32" Hex. Socket Set Screw Wrench.
61-80	2	Tube for end thrust on Looper Shaft.
61-81	*	Tube of grease for 458-39.
63-32	4	Felt Oil Pad in Clutch Pulley Assembly 458-39.
68-21	1	Thread Tension Staff, Front, On top of arm.
68-22	1	Thread Tension Staff, Back, on top of arm.
68-29	11	Thread Wiper Lever Staff.
69-16	1,5	Slide Block, with curved slot for 45-288, 45-416 for moving Button Clamp lengthwise of machine, on rear top of base.
69-17	1	Bearing Block for Button Clamp Slide Plate Fulcrum Not 20-109, on cylinder base.
70-49	1	Sleeve for Nipper release. Sold assembled in front cover 432-263 only.
70-50	1	Sleeve for Cam 434-40 and for holding Looper 36-18 in cylinder base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
71-72	7	Cam Rod for lifting Button Clamp, when sewing Shank Buttons. Under arm.
71-73	1,3,7	Rod for Roll 35-17 for lifting Button Clamp, under arm.
71-74	2	Rod for Needle Drive Connecting Rod 447-105, in arm.
71-92	4,5	Rod for Stop Motion Plunger in Lever 45-348.
71-93	1,2	Cam Rod for lifting Button Clamp for flat buttons, under arm.
71-99	11	Clamp lifting rod for Thread Wiper.
79-9	2	Ball Stud for top Ball Joint 4124-50 on 447-105 for driving Needle Bar Lever.
79-31	12	Ball for positioning slide plate 4110-329.
79-37	4,5	Ball for insert 190-2, in stop motion.
90-29	*	Adapter for Shank Buttons.
90-33	*	Adapter for Shank Buttons.
90-34	7	Adapter for Shank Buttons.
90-35	*	Adapter for Shank Buttons.
90-36	*	Adapter for Shank Buttons.
90-37	*	Adapter for Shank Buttons. Replaces 90-22.
90-37X	*	Adapter Blank for Shank Buttons.
90-39	*	Adapter for Shank Buttons.
90-40	*	Adapter for Shank Buttons.
90-41	*	Adapter for Shank Buttons.
90-42	*	Adapter for Shank Buttons.
90-43	*	Adapter for Shank Buttons.
90-44	*	Adapter for Shank Buttons.
90-45	*	Adapter for Shank Buttons.
90-46	*	Adapter for Shank Buttons.
90-47	7	Adapter for Shank Buttons.
90-48	*	Adapter for Shank Buttons.
90-49	*	Adapter for Shank Buttons. Use with 8-132.
90-61	7	Adapter for Shank Buttons.
90-62	*	Adapter for Shank Buttons.
99-270	1,2,5	Holder for Flat Button Clamp and Snap Fastener Clamp.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
99-308	7	Holder for Shank Button Clamp.
99-313-17	9	Holder for 17 ligne Stay Buttons.
99-313-18	9	Holder for 18 ligne Stay Buttons.
99-313-19	9	Holder for 19 ligne Stay Buttons.
99-313-20	9	Holder for 20 ligne Stay Buttons.
99-313-24	9	Holder for 24 ligne Stay Buttons.
99-316	2,5,8	Holder for button clamp lever Jaws in button clamps 430-63, 430-63-1, 430-77.
99-316-1	8	Holder for lever jaws in 430-86.
110-204	2,3	Needle Plate for parallel stitch, on cylinder base. Models 200-1 and 200-2.
110-205	5	Graduated Plate on right top side of base showing amount of sideways movement of Button Clamp.
110-206	1,2,6	Graduated Plate on rear of base for setting lengthwise movement of Button Clamp.
110-213	1,3	Spacer Plate under Needle Plate, front end of cylinder base.
110-302	2,3	Needle Plate for Cross stitch, on front end of cylinder base. Models 200-3 and 200-4. Does not have recess for shank buttons.
110-304	2,3,12	Needle Plate, Models 200-6 and 200-7.
110-328	12	Graduated Plate on rear of base for setting amount of lengthwise movement of button clamp, Models 200-6 and 200-7.
110-404	8	Plate for levers 45-458, 45-459.
115-106	1	Adjustable Block on Nipper Bar 138-15 for moving thread take off Lever 45-434, on left side of arm.
115-107	1,2,6	Nipper Block, on top of arm, for nipping thread.
115-108	5	Block for raising graduated indicator Plate 110-205 on right side of base.
115-110	1	Bearing Block for Nipper Bars 138-15 and 138-22 on left rear side of arm.
115-125	*	Work Support Block for thru' stitching shank buttons, 10 to 45 lignes.
115-126	*	Work Support Block for blind-stitching shank buttons, 10 to 45 lignes.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

Part No.	Plate	Description
115-127	7	Block for opening shank button clamp with foot treadle.
115-128	7	Work support for thru' stitching shank buttons, 10 to 30 lignes.
115-129	*	Work support for blindstitching shank buttons, 10 to 30 lignes.
115-131	*	Work support, knurled, for thru' stitching shank buttons on gloves, 10 to 30 lignes.
115-133	7	Work Support for thru' stitching 50 ligne Shank Buttons.
115-137	12	Locating block for slide plate 4110-329.
115-151	7	Work Support Block for shank buttons. Has 30° chamfer on working edge, otherwise same as 115-125.
117-39	2,3	Sliding Bearing Block in end of Needle Bar Lever 45-335 for Driving Needle Bar 25-11.
117-40	2,3	Bearing Block Clamp on Needle Bar 25-11 for sliding Bearing 117-39.
122-29	3,4	Finger for Positioning Loop, in cylinder base.
122-45	10	Thread breaking finger in tacking clamp 430-75.
122-46	10	Thread breaking finger in tacking Clamp 430-75-1.
130-9	*	Chain for Foot Treadle.
131-C163-1	*	Hook for Chain on Foot Treadle.
131-C163-2	6	Hook on Lever 45-333 for attaching Chain to foot treadle.
137-19	2	Oil Retainer in cap of Ball Joint 4124-49, in base.
138-15	1,3	Bar for operating Nipper, Thread Pull-off, and thread tension release on left side of arm.
141-3	1,2,3,6	Sub,base on Bottom of Machine.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

Part No.	Price	Description
142-6	1,4,5	Knob in Stop Motion Cam 34-42 for changing from half to full cycle. Left side of base.
144-25	2	Felt Pad between machine and sub-base 141-3.
155-14	1,2,5,12	Indicator for setting sideways motion of button clamp in button clamp slide plate 158-9, 158-19.
156-40	3	Thread Snubbing Tongue on Cover 432-263.
158-9	1,5,7	Button Clamp Slide Plate, on top of base, Models 200-1, 200-2, 200-3, 200-4.
158-11	2,5	Slide for closing lever Jaws on Button Clamp 430-63.
158-15	*	Slide for closing Lever Jaws on Button Clamp 430-63-1.
158-19	12	Button Clamp Slide Plate on top of base. Models 200-6 and 200-7.
158-21	8	Slide for closing lever Jaws on Snap Fastener Clamp 430-77.
158-25	8	Side for closing lever Jaws on Hook & Eye Clamp 430-86.
166-7	4	Pawl in steel Disc 44-280, for Stop Motion, on right side of base.
170-3	*	Screw Driver.
180-2	1,4,5	Adjustable Shoe or Lobe in stop motion cam 34-42, left side of base.
182-15	9	Separator for Button Necking Attachment 424-299.
190-1	3,4	Wearing Plate insert for Yoke slide 49-25 on top end of cylinder Base.
190-2	4	Insert for Clutch Pulley 458-39.
SBW 15	7	Screw in Shaft 14-455 for Shank Button Clamp Lever 45-372.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

Part No.	Plate	Description
SBW 79	2	Screw for Cover Plate 32-198 on right side of arm.
CS 231	4	Nut for Threaded Pin 22-251, right side of base.
CS303-1/2	1,5	Screw for Cam Roll 35-16 on stop motion trip lever 445-370 left side of base.
LS 314	1,2,7	Screws for attaching feed plate to slide Plate 158-9.
CS 327	7	Screw for holding Shank Button adapters to bracket 50-238.
CS 337	1,3,5,6	Screws for Spring 21-295 for holding covers 32-191, 32-192. Screws for attaching Spring 21-287 to link 46-136 on top of base.
LS 393	2	Hinge Screws for top cover, 32-202.
CS 462	2,4	Collars for both sides of Button Clamp eccentric Fork Lever 445-298 on Shaft 14-362 in base.
782	1,2,6	Shoulder Bearing Screw for Nipper 4187-1, on top of arm.
787	6	Stop Screw on Lever 45-333 on Sub-base.
819	2	Thumb Nut on Stud 17-172.
835	1,2,3,7	Check Nut for Screw 18-827 in Nipper Bar on left side of arm. Check Nut to hold Roll 35-17 on end of Rod for lifting button clamp, under arm.
1003	1,3,4	Set Screws for Shaft 14-362 in base. Set Screws for left Cover Shaft 14-399 in left side of sub-base.
1005	1,2,3,4, 5 & 7	Set Screw (2) in Sleeve 70-50 for Cam 434-40 and Looper in cylinder base. Screw in right side of sub-base for Shaft 14-399. Set Screw (2) in 433-139 in base. Set Screw in Button Clamp lifting Lever 45-285 for holding Rod 71-73. Set Screw in 99-270 for holding cam rod 71-72 or 71-93. Set Screws (2) for insert 190-2 in Pulley 458-39.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

Part No.	Plate	Description
1009	2,6	Check Nut on Screw 1235 for trip lever 45-333 on sub-base. Nut for Ball 79-9 in top ball joint 4124-50 for driving Needle Bar.
1022	2,4	Set Screws for Collar CS 462 for both sides of 445-298 in base.
1025	4	Set Screws (2) in Hand Knob 57-23, left side of base.
1029	1	Set Screws (2) in Cam 34-47 on Looper Shaft in Cylinder Base.
1036	12	Stop Screws in Slide Plate 110-329.
1158	1	Screw for attaching guide bearing Block 115-110 to left side of arm.
1160	1,2,3, 5,6	Nut for knob screw 18-752 for Cover 32-198, on right side of arm. Nut for Stop Screw 787 in Lever 45-333 on Sub-base. Nut on Bearing Stud 17-124, on top of base. Nut for Stop Pin 22-273.
1170	1,5	Screw in Latch 51-22, left side of base.
1183	1,2,6	Thread Tension Discs on Tension Staffs, 468-21 and 468-22, on top of Arm.
1185	1	Washer for Screw 18-826 on Nipper Bar, left side of arm.
1189	5	Screws for attaching button holding Springs 21-336 and 21-337 to button clamp lever jaws.
1206	1,2,4	Screw for guide bearing block 115-110 on left side of arm. Screw for Lever 445-286 in base.
1220	2	Screw for swing Cover 32-209 on Front end of Cylinder Base.
1221	2	Spring Washer for swing Cover 32-209 on Front end of cylinder base.
1235	4,5,6	Stop Screw for Stop Motion Plunger Lever 45-348. Bearing Screw for Lever 45-333, on sub-base, for attaching Treadle Chain.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

Part No.	Plate	Description
1284	1	Collar on Sleeve 70-50 for Screw 18-949 to Clamp Looper.
1311	1,5	Lock Nut for Screw 1170 in Latch 51-22, left side of base.
1316	3,6	Knurled Nut on Screw 18-816 for locking machine to sub-base.
1333	2	Hex. Head Set Screws for Needle Bar Lever 45-335.
1406	*	Oil Can.
1504	*	Wood Screws for Foot Treadle.
1776	11	Bearing Screw for Thread Wiper Lever.
403-11	*	Thread Stand.
407-10	9	Gauge for spacing buttons, left hand, complete with Feed Plate.
407-11	9	Gauge for spacing buttons, right hand, complete with Feed Plate.
424-299	9	Button Necking Attachment complete.
430-55	7	Clamp for Shank Buttons.
430-57-1	*	Complete set of parts for sewing Shank Buttons. Includes appropriate adapter, clamp and work support block.
430-57-2	*	Same as 430-57-1, except does not include Foot Treadle, Chain, or "S" Hooks, Recommended for Air Shipments.
430-58	*	Clamp for Shank Buttons.
430-60	*	Clamp for Shank Buttons.
430-61	7	Clamp for Shank Buttons.
430-62	7	Clamp for Shank Buttons.
430-63	2,5	Button Clamp complete for 17 to 45 ligne flat buttons. Composed of 18-75, (2) 18-929, (2) 18-930, 18-931, 18-945, 20-123, 21-315, 21-336, 21-337, (2) 22-205, 45-332, 45-346, 45-347, 99-316, 158-11, (2) 1189.
430-63-1	*	Button Clamp complete for 30 to 60 ligne flat buttons. Composed of 18-75, (2) 18-929, (2) 18-930, 18-931, 18-945, 20-123, 21-315, 21-336, 21-337, (2) 22-205, 45-332, 45-346, 45-347, 99-316, 158-15, (2) 1189.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

Part No.	Plate	Description
430-63-6	*	Clamp 430-63 with Rod 71-93, Holder 99-270, Screw 1005, (2) 18-873, (2) 40-38.
430-75	10	Tacking clamp complete with thread breaking finger 122-45 for Models 200-1, 200-2, 200-3 and 200-4.
430-75-1	10	Tacking clamp complete with thread breaking finger 122-46, Models 200-6 and 200-7.
430-77	8	Snap Fastener Clamp complete.
430-77-1	*	Snap Fastener Clamp complete, including Rod 71-93, Holder 99-270, and Screw 1005.
430-86	8	Clamp complete for Hook & Eye.
430-86-1	*	Clamp 430-86 with Rod 71-93, Holder 99-270, Screw 1005.
432-202	2	Cover for top of arm.
432-263	1,2,3,6	Cover for front of arm (for straight take-up). Composed of Bushing 16-315, Sleeve 70-49, and Cover 32-263.
433-139	2,4	Eccentric complete with Screws 1005 in base for operating Button Clamp Lifting Lever 45-285.
434-40	1,3	Cam in Yoke Slide 49-25 to move Positioning Finger 122-29, in cylinder base.
434-42	1,4,5	Stop Motion Cam complete, composed of 18-39, 18-835, (2) 18-969, 21-322, 142-6, 180-2 and 434-42-1, on left side of base.
434-42-1	*	Stop Motion Cam. Composed of 34-42 and 27-167.
445-286	2,4	Lever complete with Screw 1206, on Stop Motion Trip Lever Shaft 14-365, for engaging Button Clamp lifting Link 46-162, in rear of base.
445-298	2,4	Fork Lever on Shaft 14-362 to engage Vertical Link 46-162 for lifting Button Clamp. In base.
445-349	4	Lever complete with Stud 17-147, for loop positioning finger 122-29, on top of base.
445-370	1,4,5	Lever for tripping Stop Motion with Screw 18-739, left side of base.
445-405	1	Lever for moving Nipper Bar 138-15.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
445-432	11	Thread Wiper Lever complete, composed of 18-C186, 18-1036, 21-411, 30-79, 39-C255, 45-432, 68-29, 71-99, 1776.
446-136	1,5	Link connecting 45-288 to 158-9, on top of base.
446-173	12	Locking Link (Bottom) complete with Pins for sideways motion of button clamp.
447-105	2	Connecting Rod complete for driving Needle Bar. Composed of 20-80, 20-81, 71-74, 4124-49 and 4124-50.
458-39	4,5	Pulley, Complete, composed of 18-800, 40-169, 58-39, 63-32, 190-2, 478-10 (2), 1005 (2).
468-21	1,2,6	Thread Tension Staff complete, front, on top of arm. Composed of 20-60, 21-284, 40-128, 68-21 and (2) 1183.
468-22	1,2,6	Thread Tension Staff complete, back, on rear top of arm. Composed of 20-60, 68-22, 1132 and (2) 1183.
475-231	9	Guide for Necking Attachment 424-299.
478-8	4,5	Ball Thrust Bearing. One on Pulley Shaft 14-363 between base and steel Disc 44-280. One on Looper Shaft 14-366.
478-10	4	Needle Bearings. Sold assembled in 458-39 only.
490-49	7	Adjustable adapter for Shank Buttons, complete. Composed of 8-132, 90-49.
490-54	*	Adjustable adapter for Shank Buttons, complete. Composed of 8-132, 90-54.
4110-329	12	Slide Plate for controlling motion of button clamp, complete with pin, on rear top of base.

PARTS LIST FOR LEWIS
BUTTON SEWING MACHINES
MODELS 200-1, 200-2, 200-3,
200-4, 200-6 and 200-7

<u>Part No.</u>	<u>Plate</u>	<u>Description</u>
4115-104	1	Block with Pin 22-235 on Bar 138-15 to adjust Nipper, on left side of arm.
4124-49	2	Ball Joint for driving Needle Bar, in base. Composed of 18-730, 18-968, 33-137, 137-19 and Ball Casing.
4124-49-1/2	4	Ball Joint Casing with (2) Screws 18-925, for Needle Drive Ball Joint complete 4124-49.
4124-50	2	Top Ball Joint on 447-105 connecting Rod complete, with Ball Stud 79-9 and Nut 1009 for Driving Needle Bar.
4135-9	*	Foot Treadle complete.
4186-1	3,6	Button Tray complete with Pin Legs.
4187-1	1,2,6	Nipper for thread, on top of arm.