



*Union Special*  
LEWIS • COLUMBIA

INDUSTRIAL  
SEWING  
MACHINES



**STYLES**

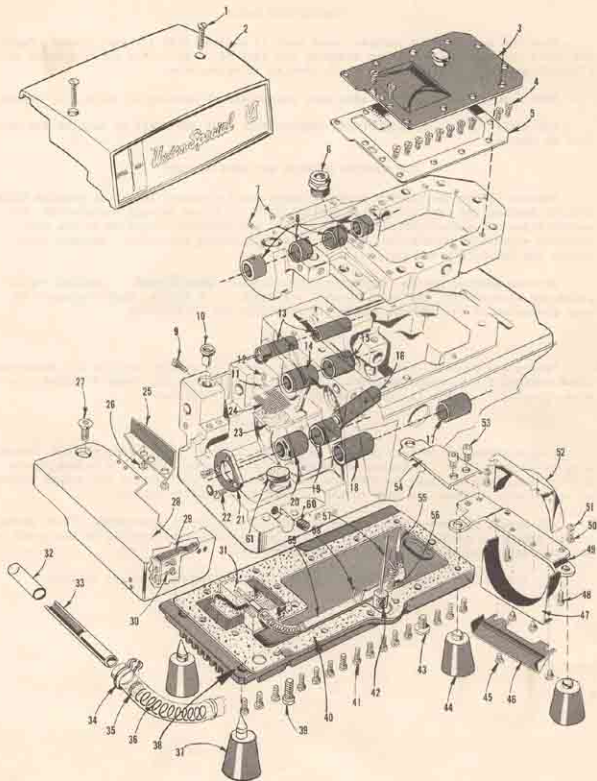
39800CA  
39800CB  
39800CP  
39800CQ  
39800CX  
39800CY  
39800VCP  
39800VCQ  
39800VCX  
39800VCY

**CATALOG**

No.  
139M  
Third  
Edition

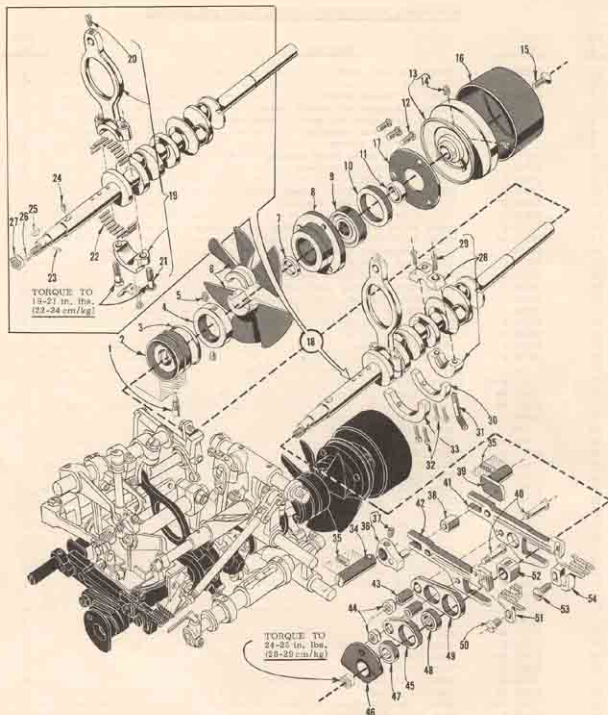
**SMALL FRAME HIGH SPEED  
FOUR AND FIVE THREAD  
SAFETY STITCH  
VERTICAL NEEDLE  
MACHINES**

**UNION SPECIAL CORPORATION**



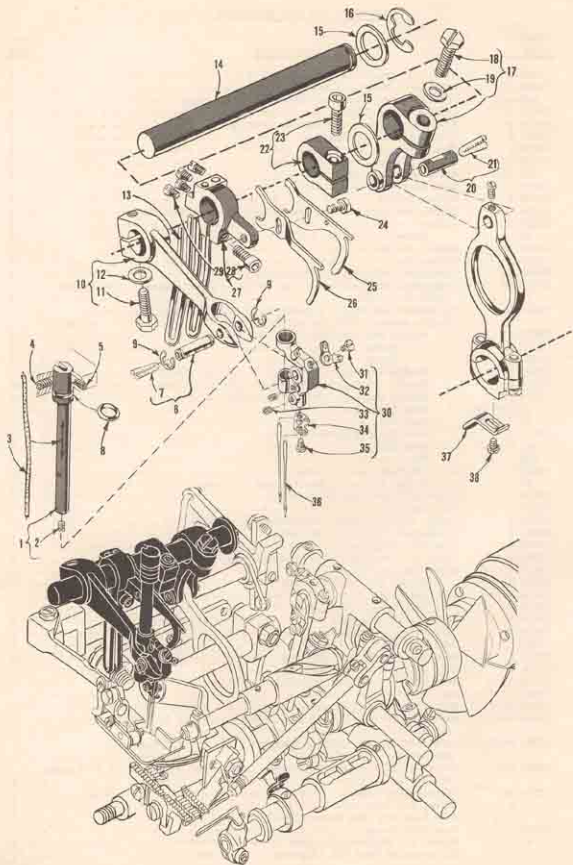
MAIN FRAME, MISCELLANEOUS COVERS, PLATES AND BUSHINGS

| Ref.<br>No. | Part<br>No. | Description                                                            | Ant.<br>Req. |
|-------------|-------------|------------------------------------------------------------------------|--------------|
| 1           | 22894 AG    | Screw, for top cover - - - - -                                         | 2            |
| 2           | 39882 G     | Top Cover - - - - -                                                    | 1            |
| 3           | 39882 E     | Upper Oil Shield Cover - - - - -                                       | 1            |
| 4           | 22541 B     | Screw, for upper oil shield cover - - - - -                            | 12           |
| 5           | 39882 F     | Gasket, for upper oil shield cover - - - - -                           | 1            |
| 6           | 39893 C     | Oil Filler Screw Assembly - - - - -                                    | 1            |
| 7           | 88          | Screw, for oil system - - - - -                                        | 2            |
| 8           | 39852 M     | Needle Lever Drive Shaft Bushing - - - - -                             | 4            |
| 9           | 22569       | Screw, for cloth plate stud - - - - -                                  | 1            |
| 10          | 39501 K     | Cloth Plate Stud - - - - -                                             | 1            |
| 11          | 8372 A      | Washer, for oil filter screen screw - - - - -                          | 1            |
| 12          | 22824 B     | Screw, for oil filter screen - - - - -                                 | 1            |
| 13          | 39853 D     | Foot Lifter Shaft Bushing - - - - -                                    | 2            |
| 14          | 39573 K     | Upper Knife Driving Arm Bushing, left - - - - -                        | 1            |
| 15          | 39573 AA    | Upper Knife Driving Arm Bushing, right - - - - -                       | 1            |
| 16          | 39544 L     | Lower Looper Bar Bushing - - - - -                                     | 1            |
| 17          | 39644 C     | 401 Looper Drive Shaft Bushing, right - - - - -                        | 1            |
| 18          | 39644 S     | 401 Looper Drive Shaft Bushing, left - - - - -                         | 1            |
| 19          | 39590 T     | Crankshaft Bushing, inner left - - - - -                               | 1            |
| 20          | 39590       | Crankshaft Bushing, left - - - - -                                     | 1            |
| 21          | 39834 B     | Differential Feed Bar Thrust Washer - - - - -                          | 1            |
| 22          | 22569 G     | Screw, for feed bar thrust washer - - - - -                            | 2            |
| 23          | 39894 B     | Oil Strainer - - - - -                                                 | 1            |
| 24          | 39894 A     | Oil Filter Screen - - - - -                                            | 1            |
| 25          | 39578 F     | Cloth Plate Fabric Guard - - - - -                                     | 1            |
| 26          | 138         | Screw, for cloth plate fabric guard - - - - -                          | 2            |
| 27          | 22657 D-12  | Screw, for cloth plate - - - - -                                       | 1            |
| 28          | 39501 DN    | Cloth Plate, for Styles 39800 CA, CB, CF, CG, CH, CY - - - - -         | 1            |
| 29          | 39501 DU    | Cloth Plate, for Styles 39800 VCP, VCQ, VCX, VCY (not shown) - - - - - | 1            |
| 29          | 39832       | Cloth Plate Latch Spring - - - - -                                     | 1            |
| 30          | 90          | Screw, for cloth plate latch spring - - - - -                          | 2            |
| 31          | 666-268     | Felt Pad - - - - -                                                     | 1            |
| 32          | 39593 K     | Oil Tube, tygothane - - - - -                                          | 1            |
| 33          | 666-271     | Oil Tube, brass - - - - -                                              | 1            |
| 34          | 660-506     | Retaining Ring, for oil tube - - - - -                                 | 1            |
| 35          | 56393 G     | Porex Filter, for oil tube - - - - -                                   | 1            |
| 36          | 56393 V     | Spring, for oil tube - - - - -                                         | 1            |
| 37          | 51295 B     | Isolator - - - - -                                                     | 2            |
| 38          | 39882       | Bottom Cover - - - - -                                                 | 1            |
| 39          | 22806 A     | Screw, for bottom cover - - - - -                                      | 1            |
| 40          | 39882 J     | Bottom Cover Gasket - - - - -                                          | 1            |
| 41          | 22541 B     | Screw, for bottom cover - - - - -                                      | 15           |
| 42          | 39593 C     | Oil Gauge Float - - - - -                                              | 1            |
| 43          | 22586 R     | Screw, for bottom cover - - - - -                                      | 1            |
| 44          | 39593       | Isolator - - - - -                                                     | 2            |
| 45          | 22569 D     | Screw, for lower and outer air duct - - - - -                          | 4            |
| 46          | 39582 BL    | Air Duct, outer - - - - -                                              | 1            |
| 47          | 39582 BK    | Air Duct, lower - - - - -                                              | 1            |
| 48          | 22541 B     | Screw, for base plate - - - - -                                        | 2            |
| 49          | 39582 BM    | Base Plate - - - - -                                                   | 1            |
| 50          | 22569 C     | Screw, for upper air duct - - - - -                                    | 2            |
| 51          | 8372 A      | Washer, for upper air duct screw - - - - -                             | 2            |
| 52          | 39582 BV    | Air Duct, upper - - - - -                                              | 1            |
| 53          | 22653 D-4   | Screw, for base plate extension - - - - -                              | 2            |
| 54          | 39582 F     | Base Plate Extension - - - - -                                         | 1            |
| 55          | 39593 J     | Oil Pump Tube - - - - -                                                | 1            |
| 56          | 22569 D     | Screw, for oil tube spring - - - - -                                   | 1            |
| 57          | 39593 D     | Oil Gauge Indicator - - - - -                                          | 1            |
| 58          | 39593 L     | Spring, for oil tube - - - - -                                         | 1            |
| 59          | 666-280     | Oil Tube, tygothane - - - - -                                          | 1            |
| 60          | 22650 AE-4  | Plug Screw - - - - -                                                   | 1            |
| 61          | 666-290     | Felt Disc - - - - -                                                    | 1            |



# CRANKSHAFT AND FEED MECHANISM

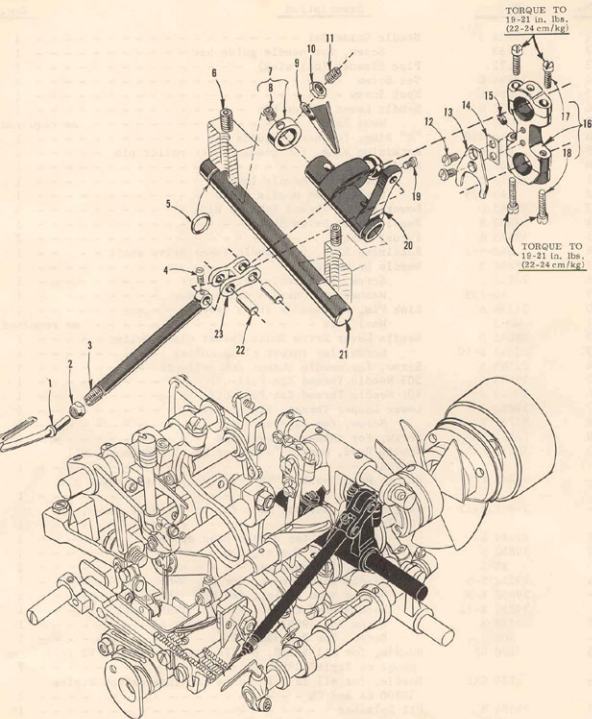
| Ref.<br>No. | Part<br>No. | Description                                                                                            | Ant.<br>Req. |
|-------------|-------------|--------------------------------------------------------------------------------------------------------|--------------|
| 1           | 39690 A     | Stud, for crankshaft bearing - - - - -                                                                 | 1            |
| 2           | 39890 C     | Crankshaft Bearing, inner right - - - - -                                                              | 1            |
| 3           | 660-443     | "O" Ring, for crankshaft bearing, inner right - - - - -                                                | 1            |
| 4           | 39591 H     | Crank Chamber Cooling Fan Collar - - - - -                                                             | 1            |
| 5           | 22894 D     | Spot Screw, for crank chamber cooling fan collar - - - - -                                             | 2            |
| 6           | 39591 L     | Crank Chamber Cooling Fan - - - - -                                                                    | 1            |
| 7           | 39590 J     | Thrust Washer - - - - -                                                                                | 1            |
| 8           | 39590 G     | Crankshaft Ball Bearing Housing - - - - -                                                              | 1            |
| 9           | 650-268     | Crankshaft Ball Bearing - - - - -                                                                      | 1            |
| 10          | 39590 E     | Ball Bearing Stop Collar - - - - -                                                                     | 1            |
| 11          | 39590 S     | Spacer Collar - - - - -                                                                                | 1            |
| 12          | 22569 B     | Screw, for ball bearing retaining plate and housing - - - - -                                          | 3            |
| 13          | 39521 G     | Pulley - - - - -                                                                                       | 1            |
| 14          | 95          | Screw, for pulley - - - - -                                                                            | 2            |
| 15          | 22759 B     | Screw, for pulley cap - - - - -                                                                        | 1            |
| 16          | 39821       | Pulley Cap - - - - -                                                                                   | 1            |
| 17          | 39590 H     | Crankshaft Ball Bearing Retaining Plate - - - - -                                                      | 1            |
| 18          | 29477 MF    | Crankshaft and Needle Driving Connecting Rod Assembly, for Styles 39800 CA and CB - - - - -            | 1            |
| -           | 29477 MB    | Crankshaft and Needle Driving Connecting Rod Assembly, for all Styles except 39800 CA and CB - - - - - | 1            |
| 19          | 39852 A     | Needle Driving Connecting Rod Assembly - - - - -                                                       | 1            |
| 20          | 77          | Screw - - - - -                                                                                        | 1            |
| 21          | 22587 H     | Screw - - - - -                                                                                        | 2            |
| 22          | 39516-625   | Needle Bearing, .0625 inch (1.588 mm) diameter - - - - -                                               | 28           |
| -           | 39516-626   | Needle Bearing, .0626 inch (1.590 mm) diameter - - - - -                                               | 28           |
| -           | 39516-627   | Needle Bearing, .0627 inch (1.593 mm) diameter - - - - -                                               | 28           |
| 23          | 30-106 Blk. | Wood Plug, birch - - - - -                                                                             | 1            |
| 24          | 51-228 Blk. | Vent Plug - - - - -                                                                                    | 1            |
| 25          | 39541 A     | Feed Driving Eccentric Key - - - - -                                                                   | 1            |
| 26          | 0067 E      | Cork Plug - - - - -                                                                                    | 1            |
| 27          | 238         | Nut - - - - -                                                                                          | 1            |
| 28          | 39890 E     | Split Bearing and Oil Pump - - - - -                                                                   | 1            |
| 29          | 97 A        | Screw, for split bearing and oil pump - - - - -                                                        | 2            |
| 30          | 39691       | Crankshaft Counterweight, right - - - - -                                                              | 1            |
| 31          | 39593 J     | Oil Pump Tube - - - - -                                                                                | 1            |
| 32          | 22747 B     | Screw, for crankshaft counterweight - - - - -                                                          | 4            |
| 33          | 39591 K     | Crankshaft Counterweight, left - - - - -                                                               | 1            |
| 34          | 39835 B     | Feed Adjusting Pin - - - - -                                                                           | 1            |
| 35          | 22896 J     | Screw, for feed adjusting pin and feed bar guide, right - - - - -                                      | 2            |
| 36          | 39835 C     | Feed Leveling Lever - - - - -                                                                          | 1            |
| 37          | 22896 J     | Screw, for feed leveling lever - - - - -                                                               | 1            |
| 38          | 39535 J     | Feed Bar Guide Block - - - - -                                                                         | 1            |
| 39          | 39835 A     | Feed Bar Guide, right - - - - -                                                                        | 1            |
| 40          | 39536 B     | Feed Bar Driving Stud - - - - -                                                                        | 2            |
| 41          | 39534 G     | Differential Feed Bar - - - - -                                                                        | 1            |
| 42          | 39534       | Main Feed Bar - - - - -                                                                                | 1            |
| 43          | 39536 C     | Feed Bar Driving Stud Bushing - - - - -                                                                | 2            |
| 44          | 39536 E     | Nut, for feed bar driving stud - - - - -                                                               | 2            |
| 45          | 39536 AF    | Main Feed Bar Driving Connection - - - - -                                                             | 1            |
| 46          | 39868 R     | 401 Looper Thread Take-up - - - - -                                                                    | 1            |
| 47          | 39540 E-10  | Main Feed Driving Eccentric, for No. 5 1/8 gauge, all Styles - - - - -                                 | 1            |
| -           | 39540 E-8   | Main Feed Driving Eccentric, for No. 8 3/16 or 12 3/16 gauge, all Styles - - - - -                     | 1            |
| 48          | 39540 E-10  | Differential Feed Driving Eccentric, for No. 5 1/8 gauge, all Styles - - - - -                         | 1            |
| -           | 39540 E-8   | Differential Feed Driving Eccentric, for No. 8 3/16 or 12 3/16 gauge, all Styles - - - - -             | 1            |
| 49          | 39536 AF    | Differential Feed Bar Driving Connection - - - - -                                                     | 1            |
| 50          | 93 A        | Screw, for main feed dog - - - - -                                                                     | 1            |
| 51          |             | Main Feed Dog (See Pages 43 and 45) - - - - -                                                          | 1            |
| 52          | 39838       | Feed Lift Block - - - - -                                                                              | 1            |
| 53          | 93          | Screw, for differential feed dog - - - - -                                                             | 1            |
| 54          |             | Differential Feed Dog (See Pages 43 and 45) - - - - -                                                  | 1            |



NEEDLE DRIVE MECHANISM AND TAKE-UPS

| Ref.<br>No. | Part<br>No. | Description                                                                                        | Am't.<br>Req. |
|-------------|-------------|----------------------------------------------------------------------------------------------------|---------------|
| 1           | 39852 J     | Needle Guide Bar - - - - -                                                                         | 1             |
| 2           | 22733       | Screw, for needle guide bar - - - - -                                                              | 1             |
| 3           | CL21        | Pipe Cleaner (oil wick) - - - - -                                                                  | 1             |
| 4           | 22894 C     | Set Screw - - - - -                                                                                | 1             |
| 5           | 22894 L     | Spot Screw - - - - -                                                                               | 1             |
| 6           | 39852 C     | Needle Lever Roller Pin - - - - -                                                                  | 1             |
| 7           | WO-3        | Wool Yarn - - - - - as required                                                                    |               |
| 8           | 660-220     | "O" Ring, for needle guide bar - - - - -                                                           | 1             |
| 9           | 660-416     | Retaining Ring, for needle lever roller pin - - - - -                                              | 2             |
| 10          | 39852       | Needle Lever - - - - -                                                                             | 1             |
| 11          | 22852 C     | Screw, for needle lever - - - - -                                                                  | 1             |
| 12          | 40-139      | Washer, for needle lever - - - - -                                                                 | 1             |
| 13          | 39863 C     | Lower Looper Thread Take-up Wire - - - - -                                                         | 2             |
| 14          | 39852 E     | Needle Lever Drive Shaft - - - - -                                                                 | 1             |
| 15          | 39573 A     | Thrust Washer - - - - -                                                                            | 2             |
| 16          | 660-442     | Retaining Ring, for needle lever drive shaft - - - - -                                             | 1             |
| 17          | 39852 D     | Needle Drive Lever - - - - -                                                                       | 1             |
| 18          | 22852 C     | Screw, for needle drive lever - - - - -                                                            | 1             |
| 19          | 40-139      | Washer, for needle drive lever - - - - -                                                           | 1             |
| 20          | 51236 A     | Link Pin, for needle drive lever - - - - -                                                         | 1             |
| 21          | WO-3        | Wool Yarn - - - - - as required                                                                    |               |
| 22          | 39843 D     | Needle Lever Drive Shaft Thrust Clamp Collar - - - - -                                             | 1             |
| 23          | 22652 B-10  | Screw, for thrust clamp collar - - - - -                                                           | 1             |
| 24          | 22588 A     | Screw, for needle thread cam pull-off - - - - -                                                    | 1             |
| 25          | 39863 D     | 503 Needle Thread Cam Pull-off - - - - -                                                           | 1             |
| 26          | 39863 J     | 401 Needle Thread Cam Pull-off - - - - -                                                           | 1             |
| 27          | 39863       | Lower Looper Thread Take-up Lever - - - - -                                                        | 1             |
| 28          | 22752 B     | Screw, for take-up lever - - - - -                                                                 | 1             |
| 29          | 22564 D     | Screw, for take-up lever wire - - - - -                                                            | 4             |
| 30          | 39852 F-5   | Needle Head, marked "AV", for No. 5 1/8 gauge, all<br>Styles - - - - -                             | 1             |
| -           | 39852 F-8   | Needle Head, marked "BN", for No. 8 3/16 gauge, all<br>Styles - - - - -                            | 1             |
| -           | 39852 F-12  | Needle Head, marked "AW", for No. 12 3/16 gauge, all<br>Styles - - - - -                           | 1             |
| 31          | 22784 L     | Screw, for top needle head eyelet - - - - -                                                        | 1             |
| 32          | 39852 N     | Needle Head Eyelet, top - - - - -                                                                  | 1             |
| 33          | 28 C        | Screw, for needles - - - - -                                                                       | 2             |
| 34          | 39852 K-5   | Needle Head Eyelet, for No. 39852 F-5 - - - - -                                                    | 1             |
| -           | 39852 K-8   | Needle Head Eyelet, for No. 39852 F-8 - - - - -                                                    | 1             |
| -           | 39852 K-12  | Needle Head Eyelet, for No. 39852 F-12 - - - - -                                                   | 1             |
| 35          | 22738 B     | Screw for 39852 F-5 or 39852 F-8 - - - - -                                                         | 1             |
| -           | 605         | Screw, for No. 39852 F-12 - - - - -                                                                | 1             |
| 36          | 120 GS      | Needle, for all 5 1/8, 8 3/16 gauge machines; 12 3/16<br>gauge on Styles 39800 CA and CB - - - - - | 2             |
| -           | 120 GAS     | Needle, for all 12 3/16 gauge machines except Styles<br>39800 CA and CB - - - - -                  | 2             |
| 37          | 39594 N     | Oil Splasher - - - - -                                                                             | 1             |
| 38          | 87 U        | Screw, for oil splasher - - - - -                                                                  | 1             |



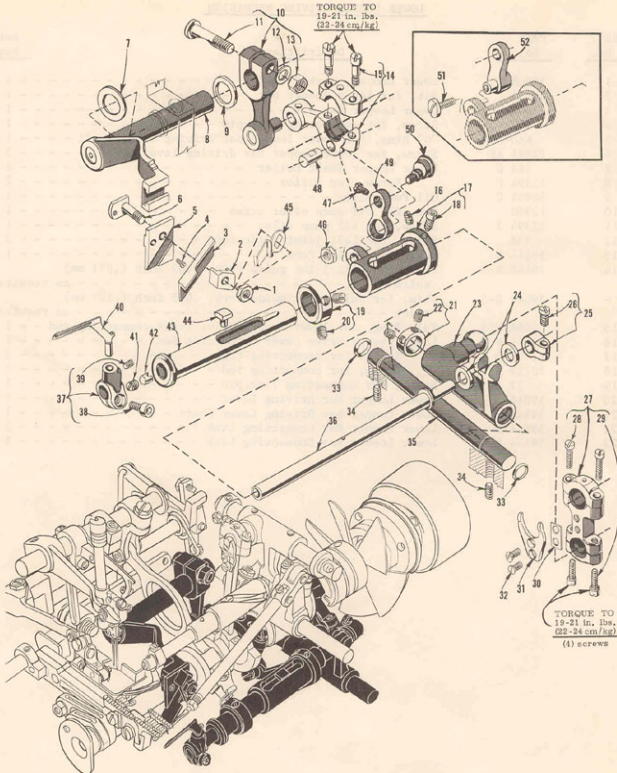




# LOWER LOOPER DRIVING MECHANISM

| <u>Ref.</u><br><u>No.</u> | <u>Part</u><br><u>No.</u> | <u>Description</u>                                                                  | <u>Amt.</u><br><u>Req.</u> |
|---------------------------|---------------------------|-------------------------------------------------------------------------------------|----------------------------|
| 1                         | 39808 D                   | Lower Looper, marked "ACZ" - - - - -                                                | 1                          |
| 2                         | 39151                     | Nut, for lower looper bar - - - - -                                                 | 1                          |
| 3                         | 52344                     | Lower Looper Bar - - - - -                                                          | 1                          |
| 4                         | 77                        | Screw, for connecting link pin - - - - -                                            | 1                          |
| 5                         | 660-206                   | "O" Ring, for lower looper bar driving lever shaft - - -                            | 1                          |
| 6                         | 22894 AE                  | Screw, for lower looper bar driving lever shaft - - - -                             | 2                          |
| 7                         | 482 C                     | Lower Looper Shaft Collar - - - - -                                                 | 1                          |
| 8                         | 22894 C                   | Screw, for collar - - - - -                                                         | 2                          |
| 9                         | 39894 C                   | Oil Pump Oiler - - - - -                                                            | 1                          |
| 10                        | 12982                     | Nut, for oil pump oiler screw - - - - -                                             | 1                          |
| 11                        | 22894 J                   | Screw, for oil pump oiler - - - - -                                                 | 1                          |
| 12                        | 538                       | Screw, for ball joint guide fork - - - - -                                          | 2                          |
| 13                        | 39644 X                   | Ball Joint Guide Fork - - - - -                                                     | 1                          |
| 14                        | 39644 R-2                 | Shim, for ball joint guide fork, .002 inch (.051 mm)<br>thick - - - - - as required |                            |
| -                         | 39644 R-5                 | Shim, for ball joint guide fork, .005 inch (.127 mm)<br>thick - - - - - as required |                            |
| 15                        | 666-255                   | Felt Plug, for lower looper drive lever connecting rod - -                          | 1                          |
| 16                        | 39644 F                   | Lower Looper Drive Lever Connecting Rod - - - - -                                   | 1                          |
| 17                        | 22729 D                   | Screw, for connecting rod - - - - -                                                 | 2                          |
| 18                        | 22729 E                   | Screw, for connecting rod - - - - -                                                 | 2                          |
| 19                        | 77                        | Screw, for connecting link pin - - - - -                                            | 1                          |
| 20                        | 39844                     | Lower Looper Bar Driving Lever - - - - -                                            | 1                          |
| 21                        | 39844 B                   | Lower Looper Bar Driving Lever Shaft - - - - -                                      | 1                          |
| 22                        | 39544 D                   | Lower Looper Bar Connecting Link Pin - - - - -                                      | 2                          |
| 23                        | 39544 B                   | Lower Looper Bar Connecting Link - - - - -                                          | 1                          |

TORQUE TO  
19-21 in. lbs.  
(22-24 cm/kg)



TORQUE TO  
19-21 in. lbs.  
(22-24 cm/kg)  
(1) screws

UPPER KNIFE AND 401 LOOPER DRIVING MECHANISM

| Ref.<br>No. | Part<br>No. | Description                                                            | Amt.<br>Req. |
|-------------|-------------|------------------------------------------------------------------------|--------------|
| 1           | 9937        | Nut, for upper knife clamp stud - - - - -                              | 1            |
| 2           | 39871       | Upper Knife Clamp - - - - -                                            | 1            |
| 3           | 39870       | Upper Knife - - - - -                                                  | 1            |
| 4           | 22738       | Screw, for upper knife clamp stud - - - - -                            | 1            |
| 5           | 39572 A     | Upper Knife Holder Block - - - - -                                     | 1            |
| 6           | 39571 C     | Upper Knife Clamp Stud - - - - -                                       | 1            |
| 7           | 39873 B     | Upper Knife Driving Arm Thrust Washer - - - - -                        | 1            |
| 8           | 39873       | Upper Knife Driving Arm - - - - -                                      | 1            |
| 9           | 39573 A     | Upper Knife Driving Arm Thrust Washer - - - - -                        | 1            |
| 10          | 39573 E     | Upper Knife Driving Lever - - - - -                                    | 1            |
| 11          | 55235 D     | Locking Stud, for driving lever - - - - -                              | 1            |
| 12          | 6042 A      | Washer, for driving lever - - - - -                                    | 1            |
| 13          | 55235 E     | Nut, for driving lever - - - - -                                       | 1            |
| 14          | 39673       | Upper Knife Driving Lever Connecting Rod - - - - -                     | 1            |
| 15          | 22587 E     | Screw, for connecting rod - - - - -                                    | 2            |
| 16          | 22565 C     | Set Screw, for bushing and cam guide - - - - -                         | 1            |
| 17          | 39644 K     | Bushing and Cam Guide, for Styles 39800 CA and CB - - - - -            | 1            |
| -           | 39644 V     | Bushing and Cam Guide, for all Styles except 39800 CA and CB - - - - - | 1            |
| 18          | 22729 M     | Screw, for bushing and cam guide - - - - -                             | 1            |
| 19          | 39644 P     | Thrust Collar - - - - -                                                | 1            |
| 20          | 98          | Screw, for thrust collar - - - - -                                     | 2            |
| 21          | 482 C       | Looper Drive Lever Shaft Collar - - - - -                              | 1            |
| 22          | 22894 C     | Screw, for collar - - - - -                                            | 2            |
| 23          | 39644       | Looper Drive Lever - - - - -                                           | 1            |
| 24          | 39543 P     | Looper Bar Thrust Washer - - - - -                                     | 2            |
| 25          | 39543 M     | Clamp Collar - - - - -                                                 | 1            |
| 26          | 22562 A     | Screw, for clamp collar - - - - -                                      | 1            |
| 27          | 39644 U     | Looper Drive Lever Auxiliary Connecting Rod - - - - -                  | 1            |
| 28          | 22729 E     | Screw, for connecting rod - - - - -                                    | 2            |
| 29          | 22729 D     | Screw, for connecting rod - - - - -                                    | 2            |
| 30          | 39644 R-2   | Shim, for ball joint guide fork, .002 inch (.051 mm) thick - - - - -   | as required  |
| -           | 39644 R-5   | Shim, for ball joint guide fork, .005 inch (.127 mm) thick - - - - -   | as required  |
| 31          | 39644 X     | Ball Joint Guide Fork - - - - -                                        | 1            |
| 32          | 538         | Screw, for ball joint guide fork - - - - -                             | 2            |
| 33          | 660-206     | "O" Ring, for looper drive lever shaft - - - - -                       | 2            |
| 34          | 22894 AE    | Screw, for looper drive lever shaft - - - - -                          | 2            |
| 35          | 39644 N     | Looper Drive Lever Shaft - - - - -                                     | 1            |
| 36          | 39644 A     | Looper Bar (401 stitch) - - - - -                                      | 1            |
| 37          | 39844 A     | Looper Holder, for 401 stitch looper - - - - -                         | 1            |
| 38          | 22652 A-6   | Screw, for looper holder - - - - -                                     | 1            |
| 39          | 22894 AF    | Screw, for looper - - - - -                                            | 1            |
| 40          | 39808       | Looper, marked "CY", for 401 stitch - - - - -                          | 1            |
| 41          | 22503 F     | Screw, for cam follower locking clamp - - - - -                        | 1            |
| 42          | 39543 E     | Cam Follower Locking Clamp - - - - -                                   | 1            |
| 43          | 39644 W     | Looper Bar Sleeve - - - - -                                            | 1            |
| 44          | 39644 L     | Cam Follower - - - - -                                                 | 1            |
| 45          | 39571 B     | Upper Knife Chain Guard - - - - -                                      | 1            |
| 46          | 39536 E     | Nut, for looper avoid eccentric stud - - - - -                         | 1            |
| 47          | 22781       | Screw, for looper avoid link pin - - - - -                             | 1            |
| 48          | 41336 C     | Looper Avoid Link Pin - - - - -                                        | 1            |
| 49          | 39844 C     | Looper Avoid Link - - - - -                                            | 1            |
| 50          | 39844 D     | Looper Avoid Eccentric Stud - - - - -                                  | 1            |
| *51         | 22775       | Screw, for looper avoid link - - - - -                                 | 1            |
| *52         | 39644 M     | Looper Avoid Link - - - - -                                            | 1            |

\* Used on earlier model machines, in place of Ref. Nos. 46, 49 and 50.

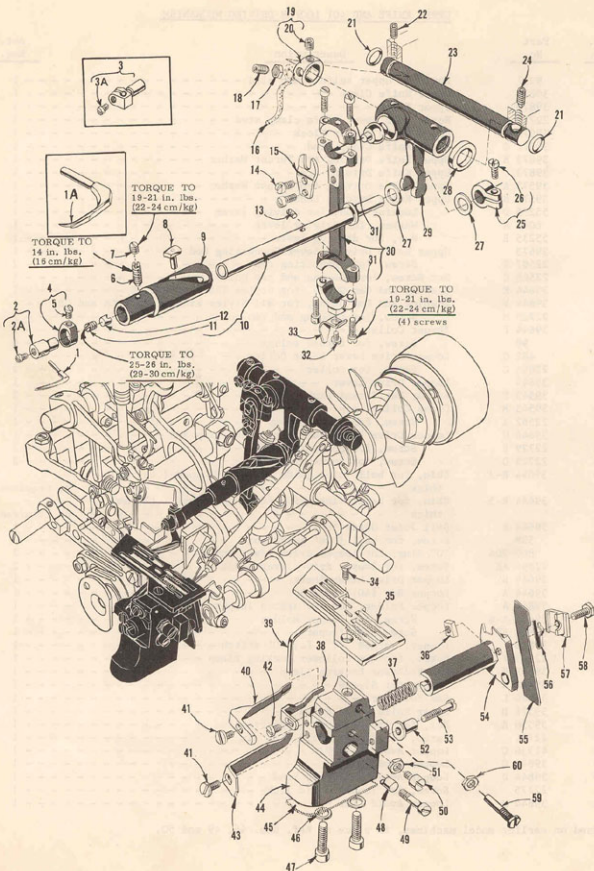


TORQUE TO  
14 in. lbs.  
(15 cm/kg)

TORQUE TO  
19-21 in. lbs.  
(22-24 cm/kg)

TORQUE TO  
25-26 in. lbs.  
(29-30 cm/kg)

TORQUE TO  
19-21 in. lbs.  
(22-24 cm/kg)  
(4) screws



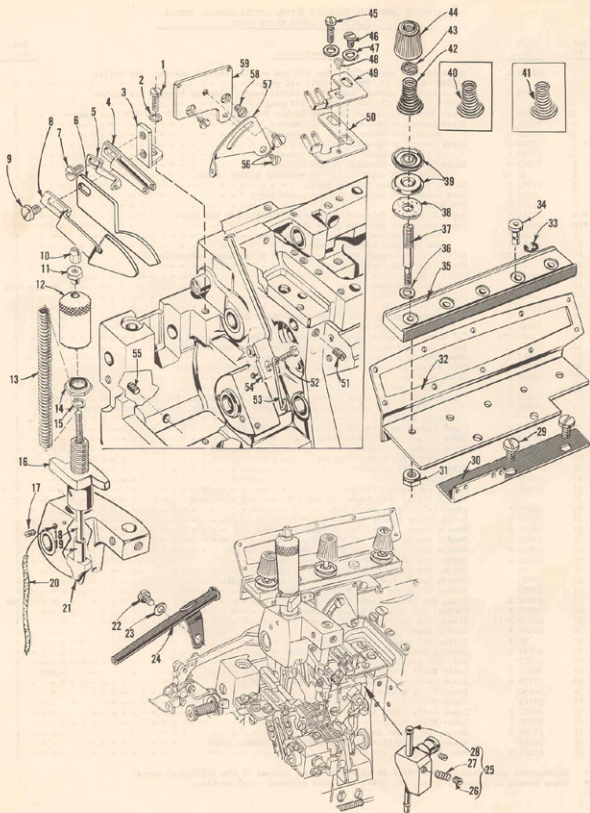
UPPER LOOPER OR SPREADER DRIVE, NEEDLE GUARDS, THROAT  
PLATES AND LOWER KNIFE PARTS

| Ref.<br>No. | Part<br>No. | Description                                                                                                                     | Am.<br>Req. |
|-------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|-------------|
| 1           | 39808 A     | Upper Looper, marked "DA", for 100/040 needle size and smaller, for Styles 39800 CB, CQ, CY, VCQ, and VCY; all gauges - - - - - | 1           |
| -           | 39808 C     | Upper Looper, marked "ADA", for 110/044 needle size and larger, for Styles 39800 CB, CQ, CY, VCQ and VCY; all gauges - - - - -  | 1           |
| 1A          | 39860       | Upper Spreader, marked "H", for Styles 39800 CA, CP, CX, VCP and VCX; all gauges - - - - -                                      | 1           |
| 2           | 39543       | Upper Looper or Spreader Holder, marked "J" - - - - -                                                                           | 1           |
| 2A          | 22564 G     | Screw, for upper looper or spreader - - - - -                                                                                   | 1           |
| * 3         | 39543 H     | Upper Looper or Spreader Holder - - - - -                                                                                       | 1           |
| 3A          | 22768 B     | Screw, for upper looper or spreader - - - - -                                                                                   | 1           |
| 4           | 39543 H     | Upper Looper or Spreader Holder Collar - - - - -                                                                                | 1           |
| 5           | 22 KH       | Screw, for upper looper or spreader holder collar - - - - -                                                                     | 1           |
| 6           | 22565 R     | Screw, for bushing and cam guide - - - - -                                                                                      | 1           |
| 7           | 1025 L      | Lock Screw, for bushing and cam guide screw - - - - -                                                                           | 1           |
| 8           | 39543 T     | Cam Follower - - - - -                                                                                                          | 1           |
| * 9         | 39543 S     | Upper Looper or Spreader Drive Shaft Bushing and Cam Guide - - - - -                                                            | 1           |
| * 10        | 39843 A     | Upper Looper or Spreader Drive Shaft - - - - -                                                                                  | 1           |
| 11          | 22503 F     | Screw, for cam follower locking clamp - - - - -                                                                                 | 1           |
| 12          | 39543 E     | Cam Follower Locking Clamp - - - - -                                                                                            | 1           |
| 13          | 666-255     | Felt Plug, for upper looper or spreader drive lever connecting rod - - - - -                                                    | 1           |
| 14          | 97          | Screw, for guide fork - - - - -                                                                                                 | 2           |
| 15          | 39544 J     | Guide Fork - - - - -                                                                                                            | 1           |
| 16          | 80-3        | Wool Yarn, for head - - - - -                                                                                                   | as required |
| 17          | 12982       | Nut - - - - -                                                                                                                   | 1           |
| 18          | 22894 J     | Screw - - - - -                                                                                                                 | 1           |
| 19          | 482 C       | Upper Looper or Spreader Drive Lever Shaft Collar - - - - -                                                                     | 1           |
| 20          | 22894 C     | Screw, for collar - - - - -                                                                                                     | 2           |
| 21          | 660-206     | "O" Ring, for upper looper or spreader drive lever shaft - - - - -                                                              | 2           |
| 22          | 22894 C     | Set Screw, for upper looper or spreader drive lever shaft - - - - -                                                             | 1           |
| 23          | 39843 C     | Upper Looper or Spreader Drive Lever Shaft - - - - -                                                                            | 1           |
| 24          | 22894 L     | Spot Screw, for upper looper or spreader drive lever shaft - - - - -                                                            | 1           |
| 25          | 39543 M     | Clamp Collar - - - - -                                                                                                          | 1           |
| 26          | 22562 A     | Screw, for clamp collar - - - - -                                                                                               | 1           |
| 27          | 39543 P     | Thrust Washer, for upper looper or spreader drive shaft, for Styles 39800 CA and CB - - - - -                                   | 2           |
| -           | 39843 E     | Thrust Washer, for upper looper or spreader drive shaft, for all Styles except 39800 CA and CB - - - - -                        | 2           |
| 28          | 39843 B     | Upper Looper or Spreader Drive Lever Thrust Washer - - - - -                                                                    | 1           |
| 29          | 39543 W     | Upper Looper or Spreader Drive Lever - - - - -                                                                                  | 1           |
| 30          | 39843       | Upper Looper or Spreader Drive Lever Connecting Rod - - - - -                                                                   | 1           |
| 31          | 22729 D     | Screw, for connecting rod - - - - -                                                                                             | 4           |
| 32          | 87 U        | Screw, for oil splasher - - - - -                                                                                               | 1           |
| 33          | 39594 N     | Oil Splasher - - - - -                                                                                                          | 1           |
| 34          | 22524       | Screw, for throat plate - - - - -                                                                                               | 1           |
| 35          |             | Throat Plate, (See Pages 43 and 45) - - - - -                                                                                   | 1           |
| 36          | 39650 A     | Lower Knife Clamp Screw Nut - - - - -                                                                                           | 1           |
| 37          | 39550 E     | Knife Holder Spring - - - - -                                                                                                   | 1           |
| 38          | 39625 D     | Needle Guard, front, for 401 stitch needle - - - - -                                                                            | 1           |
| 39          | 39825 C     | Needle Guard, rear, for 401 stitch needle - - - - -                                                                             | 1           |
| 40          | 39825 B     | Needle Guard, rear, for 503 or 504 stitch needle - - - - -                                                                      | 1           |
| 41          | 22585 A     | Screw, for 503 or 504 stitch needle guard - - - - -                                                                             | 2           |
| 42          | 90          | Screw, for 401 stitch front needle guard - - - - -                                                                              | 1           |
| 43          | 39825       | Needle Guard, front, for 503 or 504 stitch needle - - - - -                                                                     | 1           |
| 44          | 39880       | Throat Plate and Lower Knife Support Bracket - - - - -                                                                          | 1           |
| 45          | 39880 H     | Shim, for throat plate support bracket - - - - -                                                                                | as required |
| 46          | 39580 F     | Washer, for support bracket screw - - - - -                                                                                     | 2           |
| 47          | 22653 B-12  | Screw, for support bracket - - - - -                                                                                            | 1           |
| 48          | 39543 E     | Needle Guard Locking Clamp - - - - -                                                                                            | 1           |
| 49          | 88 F        | Screw, for needle guard locking clamp - - - - -                                                                                 | 1           |
| 50          | 22892 B     | Locking Screw, for lower knife holder - - - - -                                                                                 | 1           |
| 51          | 14077       | Nut, for locking screw - - - - -                                                                                                | 1           |
| 52          | 39550 C     | Lower Knife Holder Locating Stud - - - - -                                                                                      | 1           |
| 53          | 22729 B     | Screw, for lower knife holder locating stud - - - - -                                                                           | 1           |
| 54          | 39650       | Lower Knife Holder - - - - -                                                                                                    | 1           |
| 55          | 39849       | Lower Knife - - - - -                                                                                                           | 1           |
| 56          | 39550 M     | Lower Knife Clamp Spring - - - - -                                                                                              | 1           |
| 57          | 39550 Z     | Lower Knife Clamp - - - - -                                                                                                     | 1           |
| 58          | 22588 J     | Screw, for lower knife clamp - - - - -                                                                                          | 1           |
| 59          | 39883       | Screw, for stabilizing 401 stitch front needle guard - - - - -                                                                  | 1           |
| 60          | 41071 G     | Nut, locking - - - - -                                                                                                          | 1           |

\* Replacement with assembly No. 29126 EK is recommended, instead of the individual parts.

\*\* Upper Looper or Spreader Holder No. 39843 H is used on later model machines.

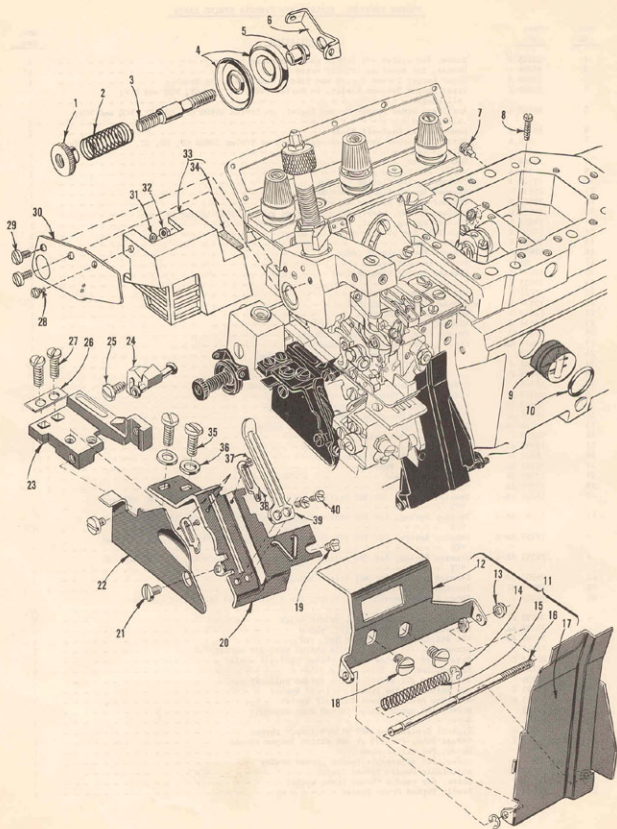




THREAD TENSIONS, EYELETS AND PRESSER SPRING PARTS

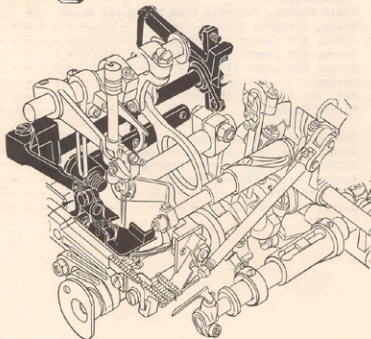
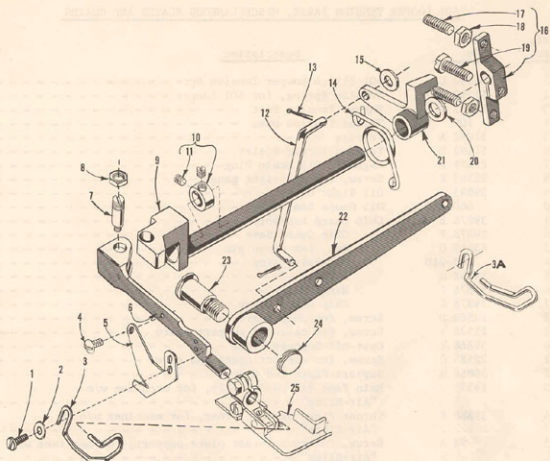
| Ref.<br>No. | Part<br>No. | Description                                                                                   | Amt.<br>Req. |
|-------------|-------------|-----------------------------------------------------------------------------------------------|--------------|
| 1           | 22569 B     | Screw, for eyelet and fabric guard mounting bracket                                           | 1            |
| 2           | 53634 C     | Washer, for mounting bracket screw                                                            | 1            |
| 3           | 39868 D     | Upper Looper Thread Eyelet and Fabric Guard Mounting Bracket                                  | 1            |
| 4           | 39568 L     | Upper Looper Take-up Eyelet, on Styles 39800 CB, CQ, CY, VCQ and VCY;<br>all gauges           | 1            |
| 5           | 39568 E     | Auxiliary Upper Looper Thread Eyelet, on Styles 39800 CB, CQ, CY, VCQ and VCY;<br>all gauges  | 1            |
| 6           | 39868 X     | Lower Looper Cast-off Blade                                                                   | 1            |
| 7           | 376 A       | Screw, for upper looper take-up eyelet on Styles 39800 CB, CQ, CY, VCQ and VCY;<br>all gauges | 1            |
| 8           | 39868 Y     | Fabric Guard                                                                                  | 1            |
| 9           | 376 A       | Screw, for fabric guard                                                                       | 1            |
| 10          | 39557 B     | Presser Spring Plunger Cap Nut                                                                | 1            |
| 11          | 39857 L     | Presser Spring Plunger Lock Nut                                                               | 1            |
| 12          | 39857 N     | Presser Spring Plunger Adjusting Screw                                                        | 1            |
| 13          | 39857 C     | Presser Spring, heavy, for all Styles except 39800 CA and CB                                  | 1            |
| -           | 39857 P     | Presser Spring, light, for Styles 39800 CA and CB                                             | 1            |
| 14          | 51257 H     | Lock Nut, for plunger adjusting screw                                                         | 1            |
| 15          | 39857 E     | Washer                                                                                        | 1            |
| 16          | 39856 B     | Presser Foot Release Lever                                                                    | 1            |
| 17          | 95          | Screw, for oil system                                                                         | 1            |
| 18          | 39857 J     | Presser Spring Plunger Stud                                                                   | 1            |
| 19          | 39857 M     | Spacer                                                                                        | 1            |
| 20          | CL21        | Pipe Cleaner (oil wick)                                                                       | 1            |
| 21          | 39857 A     | Presser Spring Plunger Head                                                                   | 1            |
| 22          | 22569 D     | Screw, for thread tube                                                                        | 1            |
| 23          | 53634 C     | Washer, for thread tube screw                                                                 | 1            |
| 24          | 39868 N     | Thread Tube, for 401 looper thread                                                            | 1            |
| 25          | 29477 MA    | Upper Looper Thread Tube Assembly                                                             | 1            |
| 26          | 22743       | Screw, for thread tube tension spring                                                         | 1            |
| 27          | 39568 J     | Thread Tube Tension Spring                                                                    | 1            |
| 28          | 39568 P     | Thread Tube                                                                                   | 1            |
| 29          | 22548       | Screw, for thread guide and mounting bracket                                                  | 2            |
| 30          | 39892 B     | Thread Guide, front                                                                           | 1            |
| 31          | 39592 AH    | Nut, for thread tension post                                                                  | 3 or 4       |
| 32          | 39892 A-5   | Tension Post Mounting Bracket                                                                 | 1            |
| 33          | 660-469     | Retaining Ring, for tension post bar eyelet                                                   | 1            |
| 34          | 39892 C     | Tension Post Bar Eyelet                                                                       | 1            |
| 35          | 39592 AN    | Tension Post Bar                                                                              | 1            |
| 36          | 8372 A      | Washer, for thread tension post                                                               | 3 or 4       |
| 37          | 39592 AL    | Thread Tension Post                                                                           | 3 or 4       |
| 38          | 39592 AF    | Tension Disc Felt                                                                             | 3 or 4       |
| 39          | 39592 AD    | Thread Tension Disc                                                                           | 6 or 8       |
| 40          | 39592 AR-2  | Tension Spring, for 503 stitch needle on Styles 39800 CA, CP, CX, VCP and VCY                 | 1            |
| 41          | 39592 AR-4  | Tension Spring, for 503 stitch looper on Styles 39800 CA, CP, CX, VCP and VCY                 | 1            |
| -           | 39592 AR-4  | Tension Spring, for 504 stitch needle on Styles 39800 CB, CQ, CY, VCQ and VCY                 | 1            |
| -           | 39592 AR-4  | Tension Spring, for 504 stitch looper on Styles 39800 CB, CQ, CY, VCQ and VCY                 | 2            |
| 42          | 39592 AR-5  | Tension Spring, for 401 stitch needle                                                         | 1            |
| 43          | 39592 AK    | Tension Spring Ferrule                                                                        | 3 or 4       |
| 44          | 39592 Y     | Upper Looper Tension Nut, black, for Styles 39800 CB, CQ, CY, VCQ and VCY                     | 1            |
| -           | 39592 Z     | Lower Looper Tension Nut, golden beige                                                        | 1            |
| -           | 39592 AA    | Overedge Needle Tension Nut, green                                                            | 1            |
| -           | 39592 AC    | 401 Stitch Needle Tension Nut, red                                                            | 1            |
| 45          | 22541 D     | Screw, for 401 stitch needle thread pull-off eyelet                                           | 1            |
| 46          | 22569 C     | Screw, for overedge needle thread pull-off eyelet                                             | 1            |
| 47          | 8372 A      | Washer, for Nos. 22541 D and 22596 C                                                          | 2            |
| 48          | 22704       | Screw, for 401 stitch needle thread pull-off eyelet                                           | 1            |
| 49          | 39863 K     | 401 Stitch Needle Thread Pull-off Eyelet                                                      | 1            |
| 50          | 39863 L     | Overedge Needle Thread Pull-off Eyelet                                                        | 1            |
| 51          | 22565       | Screw, for upper looper thread tube assembly                                                  | 1            |
| 52          | 22585 R     | Screw                                                                                         | 1            |
| 53          | 39868 H     | Pigtail Eyelet, for 401 stitch looper thread                                                  | 1            |
| 54          | 39868 Z     | Thread Tube, for 503 or 504 stitch looper thread                                              | 1            |
| 55          | 22591       | Screw, for oil system                                                                         | 1            |
| 56          | HS24 C      | Screw, for adjustable needle thread eyelet                                                    | 2            |
| 57          | 39863 N     | Adjustable Needle Thread Eyelet                                                               | 1            |
| 58          | 22564 J     | Screw, for needle thread frame eyelet                                                         | 2            |
| 59          | 39863 M     | Needle Thread Frame Eyelet                                                                    | 1            |





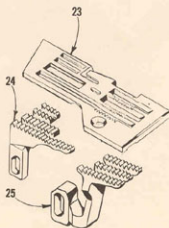
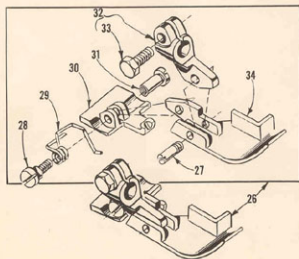
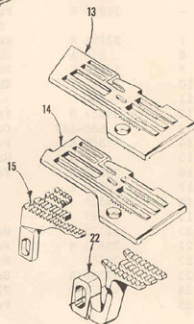
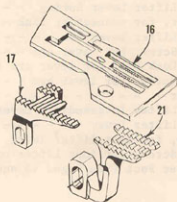
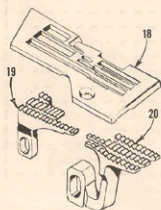
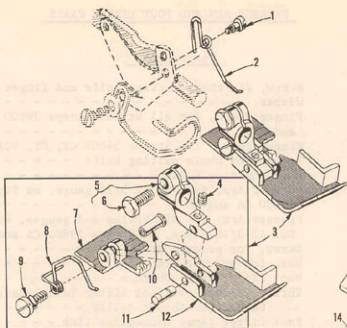
401 LOOPER TENSION PARTS, MISCELLANEOUS PLATES AND GUARDS

| <u>Ref.</u><br><u>No.</u> | <u>Part</u><br><u>No.</u> | <u>Description</u>                                                              | <u>Amt.</u><br><u>Req.</u> |
|---------------------------|---------------------------|---------------------------------------------------------------------------------|----------------------------|
| 1                         | 51292 C                   | 401 Stitch Looper Tension Nut - - - - -                                         | 1                          |
| 2                         | 51292 F-2                 | Tension Spring, for 401 looper - - - - -                                        | 1                          |
| 3                         | 51292 G                   | Thread Tension Post - - - - -                                                   | 1                          |
| 4                         | 109                       | Thread Tension Disc - - - - -                                                   | 2                          |
| 5                         | 51292 A                   | Ferrule - - - - -                                                               | 1                          |
| 6                         | 51292 D                   | Tension Thread Eyelet - - - - -                                                 | 1                          |
| 7                         | 22571 E                   | Magnetic Oil Drain Plug - - - - -                                               | 1                          |
| 8                         | 22569 K                   | Screw, for oil sight gauge - - - - -                                            | 1                          |
| 9                         | 39893                     | Oil Sight Gauge - - - - -                                                       | 1                          |
| 10                        | 660-243                   | Oil Gauge Seal Ring - - - - -                                                   | 1                          |
| 11                        | 39878 E                   | Chip Guard Assembly - - - - -                                                   | 1                          |
| 12                        | 39878 F                   | Chip Guard Base - - - - -                                                       | 1                          |
| 13                        | 43443 Q                   | Nut, for hinge pin - - - - -                                                    | 2                          |
| 14                        | 660-210                   | Retaining Ring - - - - -                                                        | 2                          |
| 15                        | 39158 U                   | Spring - - - - -                                                                | 1                          |
| 16                        | 39878 C                   | Hinge Pin - - - - -                                                             | 1                          |
| 17                        | 39878 G                   | Chip Guard Cover - - - - -                                                      | 1                          |
| 18                        | 22569 D                   | Screw, for chip guard - - - - -                                                 | 2                          |
| 19                        | 22585                     | Screw, for cast-off support plate - - - - -                                     | 1                          |
| 20                        | 39868 B                   | Cast-off Support Plate - - - - -                                                | 1                          |
| 21                        | 22585 C                   | Screw, for support plate end cover - - - - -                                    | 2                          |
| 22                        | 39868 M                   | Support Plate End Cover - - - - -                                               | 1                          |
| 23                        | 39835 D                   | Main Feed Bar Guide, left, for machines w/o<br>"Air-Klipp" - - - - -            | 1                          |
| 24                        | 39880 F                   | Throat Plate Support, rear, for machines w/o<br>"Air-Klipp" - - - - -           | 1                          |
| 25                        | 93 A                      | Screw, for rear throat plate support, for machines w/o<br>"Air-Klipp" - - - - - | 1                          |
| 26                        | 39843 F                   | Plate Washer, for main feed bar guide screw - - - - -                           | 1                          |
| 27                        | 22541 B                   | Screw, for main feed bar guide - - - - -                                        | 2                          |
| 28                        | 376 A                     | Screw, for finger protector - - - - -                                           | 1                          |
| 29                        | 25 S                      | Screw, for finger protector plate - - - - -                                     | 2                          |
| 30                        | 21695 AB                  | Finger Protector Plate - - - - -                                                | 1                          |
| 31                        | 39843 G                   | Washer - - - - -                                                                | 1                          |
| 32                        | 12934 A                   | Nut, for finger protector screw - - - - -                                       | 1                          |
| 33                        | 21695 AA                  | Finger Protector - - - - -                                                      | 1                          |
| 34                        | 21695 AM                  | Felt Pad - - - - -                                                              | 1                          |
| 35                        | 22541 B                   | Screw, for cast-off support plate - - - - -                                     | 2                          |
| 36                        | 8372 A                    | Washer, for cast-off support plate screw - - - - -                              | 2                          |
| 37                        | 73 A                      | Screw, for looper thread take-up eyelet - - - - -                               | 2                          |
| 38                        | 52958 D                   | Looper Thread Take-up Eyelet - - - - -                                          | 2                          |
| 39                        | 39868 J                   | Cast-off Wire - - - - -                                                         | 1                          |
| 40                        | 77 A                      | Screw, for cast-off wire - - - - -                                              | 2                          |



PRESSER ARM AND FOOT LIFTER PARTS

| <u>Ref.<br/>No.</u> | <u>Part<br/>No.</u> | <u>Description</u>                                                                                       | <u>Amt.<br/>Req.</u> |
|---------------------|---------------------|----------------------------------------------------------------------------------------------------------|----------------------|
| 1                   | 22797 A             | Screw, for chain cutting knife and finger guard - - - - -                                                | 1                    |
| 2                   | 53678 N             | Washer - - - - -                                                                                         | 1                    |
| 3                   | 99682 M             | Finger Guard, for all Styles except 39800 CX, CY, VCX,<br>and VCY - - - - -                              | 1                    |
| 3A                  | 21695 AL            | Finger Guard, for Styles 39800 CX, CY, VCX and VCY - - - - -                                             | 1                    |
| 4                   | 22547 A             | Screw, for chain cutting knife - - - - -                                                                 | 1                    |
| 5                   | 39856 C             | Chain Cutting Knife - - - - -                                                                            | 1                    |
| 6                   | 39656 B             | Presser Arm, for No. 12 3/16 gauge, on Styles<br>39800 CA and CB - - - - -                               | 1                    |
| -                   | 39856 D             | Presser Arm, for all Styles and gauges, except<br>No. 12 3/16 gauge, on Styles 39800 CA and CB - - - - - | 1                    |
| 7                   | 22791 H             | Screw, for presser arm - - - - -                                                                         | 1                    |
| 8                   | 258 A               | Nut, for presser arm screw - - - - -                                                                     | 1                    |
| 9                   | 39855 C             | Foot Lifter Lever Shaft - - - - -                                                                        | 1                    |
| 10                  | 12865               | Thrust Collar, for foot lifter lever shaft - - - - -                                                     | 1                    |
| 11                  | 88                  | Screw, for thrust collar - - - - -                                                                       | 2                    |
| 12                  | 39857 H             | Foot Lifter Lever Connecting Link - - - - -                                                              | 1                    |
| 13                  | 660-142             | Cotter Pin, for connecting link - - - - -                                                                | 2                    |
| 14                  | 39855 A             | Foot Lifter Lever Spring - - - - -                                                                       | 1                    |
| 15                  | 8372 A              | Washer, for connecting link - - - - -                                                                    | 1                    |
| 16                  | 39555 C             | Foot Lifter Lever Arm - - - - -                                                                          | 1                    |
| 17                  | 22597 E             | Screw, for lever arm - - - - -                                                                           | 2                    |
| 18                  | 12538               | Lock Nut, for lever arm screw - - - - -                                                                  | 2                    |
| 19                  | 627                 | Screw, for lever arm - - - - -                                                                           | 1                    |
| 20                  | 41332 J             | Washer - - - - -                                                                                         | 1                    |
| 21                  | 39855 B             | Foot Lifter Intermediate Lever - - - - -                                                                 | 1                    |
| 22                  | 39855               | Foot Lifter Lever - - - - -                                                                              | 1                    |
| 23                  | 22566 B             | Screw, for foot lifter lever - - - - -                                                                   | 1                    |
| 24                  | 22571 D             | Plug Screw, for foot lifter hole - - - - -                                                               | 1                    |
| 25                  |                     | Presser Foot (See Pages 43 and 45)- - - - -                                                              | 1                    |



# PRESSER FEET, FEED DOGS AND THROAT PLATES

| Ref. No.       | Part No.        | PRESSER FOOT  | 39800 CA, CB |         | 39800 CP, CQ |        |         | 39800 VCP, VCQ |
|----------------|-----------------|---------------|--------------|---------|--------------|--------|---------|----------------|
|                |                 |               | Gauge        |         | Gauge        |        |         | Gauge          |
|                |                 |               | 5 1/8        | 12 3/16 | 5 1/8        | 8 3/16 | 12 3/16 | 12 3/16        |
| 3              | 39820 A-5 1/8   |               | ●            |         | ●            |        |         |                |
| 26             | 39820 A-8 3/16  |               |              |         |              | ●      |         |                |
| 3              | 39820 A-12 3/16 |               |              | ●       |              |        | ●       | ●              |
| DIFF. FEED DOG |                 |               |              |         |              |        |         |                |
|                |                 | Teeth per in. |              |         |              |        |         |                |
|                |                 | I.D. Mark     |              |         |              |        |         |                |
| 20             | 39826 D         | 16            | ●            |         | ●            |        |         |                |
| 21             | 39826 G         | 16            |              | ●       |              |        |         |                |
| 25             | 39826 B         | 16            |              |         |              | ●      |         |                |
| 22             | 39826 A         | 12            |              |         |              |        | ●       | ●              |
| MAIN FEED DOG  |                 |               |              |         |              |        |         |                |
| 19             | 39805 G-5 1/8   | 16            | ●            |         | ●            |        |         |                |
| 17             | 39805 G-12 3/16 | 16            |              | ●       |              |        |         |                |
| 24             | 39805 A-8 3/16  | 16            |              |         |              | ●      |         |                |
| 15             | 39805 A-12 3/16 | 12            |              |         |              |        | ●       | ●              |
| THROAT PLATE   |                 |               |              |         |              |        |         |                |
|                |                 | I.D. MARK     |              |         |              |        |         |                |
| 16             | 39824 G-5 1/8   | "DH-5 1/8"    | ●            |         | ●            |        |         |                |
| 16             | 39828 J-12 3/16 | "DL"          |              | ●       |              |        |         |                |
| 23             | 39828 A-8 3/16  | "DF-8 3/16"   |              |         |              | ●      |         |                |
| 13             | 39824 A-12 3/16 | "CN-12 3/16"  |              |         |              |        | ●       |                |
| 14             | 39824 B-12 3/16 | "CK"          |              |         |              |        |         | ●              |

## PRESSER FEET - Component Parts

39810 A-12 3/16 & 39820 A-5 1/8

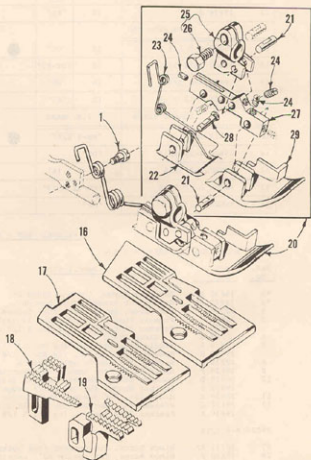
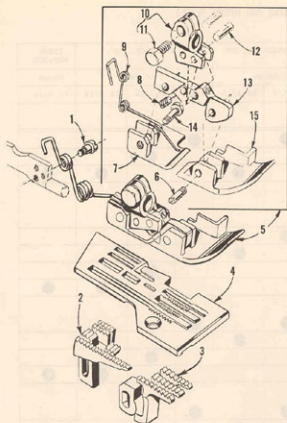
| Ref. No. | Part No. | Description                                              | I.D. Mark    | Amt. Req. |
|----------|----------|----------------------------------------------------------|--------------|-----------|
| *1       | 39830 AJ | Shoulder Screw, for No. 39830 AL                         |              | 1         |
| *2       | 39830 AL | Spring for presser foot bottom                           |              | 1         |
| 4        | 22733    | Set Screw, for presser foot bottom hinge pin             |              | 1         |
| 5        | 39830    | Presser Foot Shank, for No. 12 3/16 gauge                | "M"          | 1         |
|          | 39830 G  | Presser Foot Shank, for No. 5 1/8 gauge                  | "N"          | 1         |
| 6        | 22588 A  | Clamp Screw                                              |              | 1         |
| 7        | 39830 A  | Needle Hole Section, for No. 12 3/16 gauge               | "BC"         | 1         |
|          | 39830 H  | Needle Hole Section, for No. 5 1/8 gauge                 | "BD"         | 1         |
| 8        | 39830 S  | Spring, for needle hole section                          |              | 1         |
| 9        | 39830 F  | Hinge Screw, for needle hole section                     |              | 1         |
| 10       | 39830 B  | Locknut Screw, for No. 12 3/16 gauge needle hole section |              | 1         |
|          | 39830 J  | Locknut Screw, for No. 5 1/8 gauge needle hole section   |              | 1         |
| 11       | 39830 E  | Hinge Pin, for presser foot bottom                       |              | 1         |
| 12       | 39830 C  | Presser Foot Bottom, for No. 12 3/16 gauge               | "BZ-12 3/16" | 1         |
|          | 39830 K  | Presser Foot Bottom, for No. 5 1/8 gauge                 | "CC"         | 1         |

39820 A-8 3/16

|    |          |                                      |      |   |
|----|----------|--------------------------------------|------|---|
| 27 | 22799 AF | Hinge Screw, for presser foot bottom |      | 1 |
| 28 | 39830 F  | Hinge Screw, for needle hole section |      | 1 |
| 29 | 39830 AB | Spring, for needle hole section      |      | 1 |
| 30 | 39830 Y  | Needle Hole Section                  | "BG" | 1 |
| 31 | 39830 J  | Locknut Screw                        |      | 1 |
| 32 | 39830 T  | Presser Foot Shank                   | "R"  | 1 |
| 33 | 22588 A  | Clamp Screw                          |      | 1 |
| 34 | 39830 W  | Presser Foot Bottom                  | "CF" | 1 |

\*Not components of presser foot assembly





# PRESSER FEET, FEED DOGS AND THROAT PLATES

|             |                 |                |                  | 39800 CX, CY | 39800<br>VCX,VCY |
|-------------|-----------------|----------------|------------------|--------------|------------------|
|             |                 |                |                  | Gauge        |                  |
|             |                 |                |                  | 8 3/16       | 12 3/16          |
| Ref.<br>No. | Part<br>No.     | PRESSER FOOT   |                  |              |                  |
| 5           | 39820 E-8 3/16  |                |                  | ●            |                  |
| 20          | 39820 E-12 3/16 |                |                  |              | ●                |
|             |                 | DIFF. FEED DOG | Teeth<br>per in. | I.D.<br>Mark |                  |
| 3           | 39826 B         |                | 16               | "QG"         | ●                |
| 19          | 39826 A         |                | 12               | "FT"         | ●                |
|             |                 | MAIN FEED DOG  |                  |              |                  |
| 2           | 39805 E-8 3/16  |                | 16               | "QF"         | ●                |
| 18          | 39805 E-12 3/16 |                | 16               | "PY"         | ●                |
|             |                 | THROAT PLATE   |                  |              |                  |
| 4           | 39828 E-8 3/16  |                |                  | "DR"         | ●                |
| 16          | 39828 E-12 3/16 |                |                  | "EE"         | ●                |
| 17          | 39828 F-12 3/16 |                |                  | "ED"         | ●                |

## PRESSER FEET - Component Parts

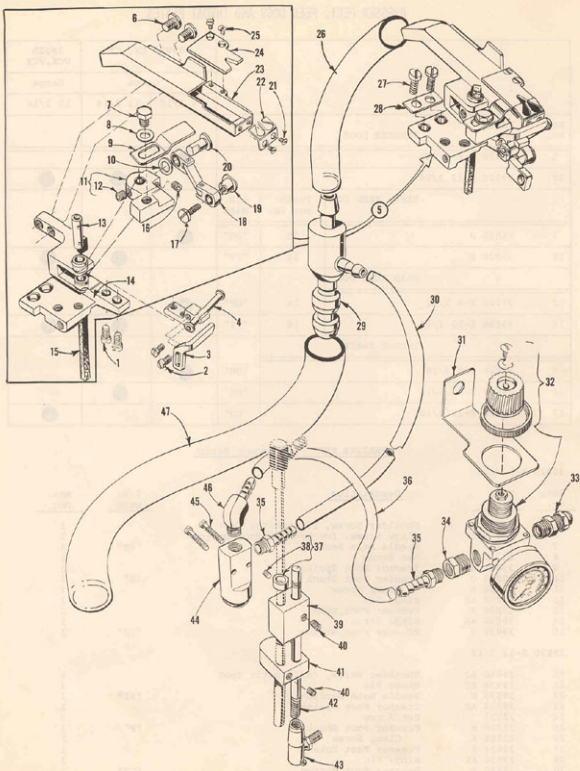
### 39820 E-8 3/16

| Ref.<br>No. | Part<br>No. | Description                          | I.D.<br>Mark | Amt.<br>Req. |
|-------------|-------------|--------------------------------------|--------------|--------------|
| *1          | 39830 AJ    | Shoulder Screw, for tractor foot     |              | 1            |
| 6           | 22799 AF    | Hinge Screw, for presser foot bottom |              | 1            |
| 7           | 39830 X     | Needle Hole Section                  | "BF"         | 1            |
| 8           | 22733       | Set Screw                            |              | 1            |
| 9           | 39830 AH    | Tractor Foot Spring                  |              | 1            |
| 10          | 39830 U     | Presser Foot Shank                   | "S"          | 1            |
| 11          | 22588 A     | Clamp Screw                          |              | 1            |
| 12          | 39830 AT    | Hinge Pin                            |              | 1            |
| 13          | 39830 Z     | Presser Foot Yoke                    |              | 1            |
| 14          | 39830 AA    | Hinge Screw                          |              | 1            |
| 15          | 39830 V     | Presser Foot Bottom                  | "CE"         | 1            |

### 39820 E-12 3/16

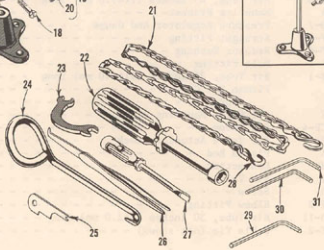
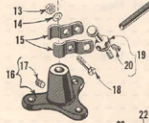
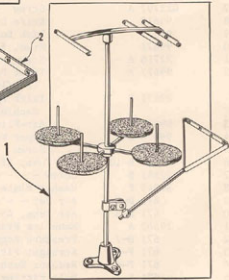
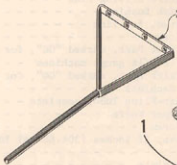
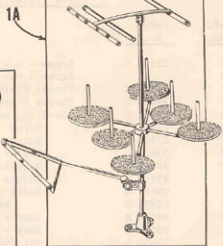
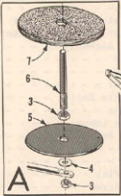
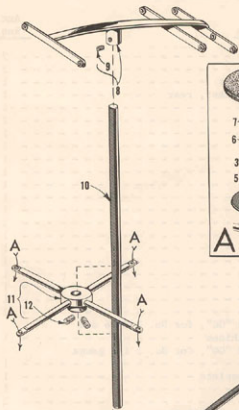
|    |          |                                  |      |   |
|----|----------|----------------------------------|------|---|
| *1 | 39830 AJ | Shoulder Screw, for tractor foot |      | 1 |
| 21 | 39830 AT | Hinge Pin                        |      | 2 |
| 22 | 39830 N  | Needle Hole Section              | "BE" | 1 |
| 23 | 39830 AH | Tractor Foot Spring              |      | 1 |
| 24 | 22733    | Set Screw                        |      | 3 |
| 25 | 39830 M  | Presser Foot Shank               | "P"  | 1 |
| 26 | 22588 A  | Clamp Screw                      |      | 1 |
| 27 | 39830 R  | Presser Foot Yoke                |      | 1 |
| 28 | 39830 AK | Hinge Pin                        |      | 1 |
| 29 | 39830 P  | Presser Foot Bottom              | "CD" | 1 |

\* Not a component of presser foot assembly



**"AIR-KLIPP" CHAIN CUTTER AND PNEUMATIC PARTS**  
**(For Styles 39800 VCP, VCQ, VCX, VCY)**

| Ref.<br>No. | Part<br>No. | Description                                                                     | Amt.<br>Req. |
|-------------|-------------|---------------------------------------------------------------------------------|--------------|
| 1           | 22562 A     | Screw - - - - -                                                                 | 2            |
| 2           | 77          | Screw - - - - -                                                                 | 2            |
| 3           | 39880 K     | Throat Plate Support, rear - - - - -                                            | 1            |
| 4           | 39880 G     | Throat Plate Support Bracket, rear - - - - -                                    | 1            |
| 5           | G29911 Q    | Air-Klipp Assembly - - - - -                                                    | 1            |
| 6           | 22829       | Screw - - - - -                                                                 | 2            |
| 7           | 22519       | Screw - - - - -                                                                 | 1            |
| 8           | 53634 C     | Washer - - - - -                                                                | 1            |
| 9           | 99669 A     | Movable Knife - - - - -                                                         | 1            |
| 10          | 95910       | Washer - - - - -                                                                | 1            |
| 11          | 99667 B     | Knife Lever - - - - -                                                           | 1            |
| 12          | 22894 W     | Set Screw - - - - -                                                             | 1            |
| 13          | 99674 B     | Stud - - - - -                                                                  | 1            |
| 14          | 99663 F     | Base - - - - -                                                                  | 1            |
| 15          | 15430 L     | Oil Wick - - - - -                                                              | 1            |
| 16          | 22894 W     | Set Screw - - - - -                                                             | 1            |
| 17          | G22797 A    | Screw - - - - -                                                                 | 1            |
| 18          | 99672       | Knife Driving Link - - - - -                                                    | 1            |
| 19          | 99673       | Link Bushing - - - - -                                                          | 1            |
| 20          | 99671       | Stud, for link - - - - -                                                        | 1            |
| 21          | 22716 A     | Screw - - - - -                                                                 | 2            |
| 22          | 99677 B     | Inlet Part, marked "GC", for No. 8 3/16 and<br>12 3/16 gauge machines - - - - - | 1            |
| -           | 99677 F     | Inlet Part, marked "GC", for No. 5 1/8 gauge<br>machines - - - - -              | 1            |
| 23          | 99676 K     | Air-Klipp Tube, complete - - - - -                                              | 1            |
| 24          | 99670 C     | Upper Knife - - - - -                                                           | 1            |
| 25          | 22716       | Screw - - - - -                                                                 | 2            |
| 26          | 671 B-12    | Air Tube, 12 inches (304.80 mm) long - - - - -                                  | 1            |
| 27          | 22541 B     | Screw - - - - -                                                                 | 2            |
| 28          | 39843 F     | Washer Plate - - - - -                                                          | 1            |
| 29          | 671 D-2     | Air Jet - - - - -                                                               | 1            |
| 30          | 671 B-3     | Air Tube, 45 inches (1143.0 mm) long - - - - -                                  | 1            |
| 31          | 39583 A     | Mounting Bracket - - - - -                                                      | 1            |
| 32          | 671 D-7     | Pressure Regulator And Gauge - - - - -                                          | 1            |
| 33          | 671 F-8     | Straight Fitting - - - - -                                                      | 1            |
| 34          | 671 F-6     | Reducer Bushing - - - - -                                                       | 1            |
| 35          | 671 F-1     | Male Fitting - - - - -                                                          | 2            |
| 36          | 671 B-1     | Air Tube, 36 inches (914.40 mm) long - - - - -                                  | 1            |
| 37          | 61242       | Pitman Rod Collar - - - - -                                                     | 1            |
| 38          | 88          | Screw - - - - -                                                                 | 2            |
| 39          | 671-2       | Air Valve Mounting Block - - - - -                                              | 1            |
| 40          | 22651 CB-4  | Set Screw - - - - -                                                             | 2            |
| 41          | 671-3       | Air Valve Actuator Block - - - - -                                              | 1            |
| 42          | 1453 A      | Pitman Rod - - - - -                                                            | 1            |
| 43          | 21371 MZ    | Connection - - - - -                                                            | 1            |
| 44          | 671-1       | Air Valve - - - - -                                                             | 1            |
| 45          | 22729 B     | Screw - - - - -                                                                 | 2            |
| 46          | 671 F-2     | Elbow Fitting - - - - -                                                         | 1            |
| 47          | 671 B-11    | Air Tube, 30 inches (762.0 mm) long - - - - -                                   | 1            |
|             | 670 E-2     | Cable Tie (not shown) - - - - -                                                 | 3            |



THREAD STAND AND ACCESSORIES

| Ref.<br>No. | Part<br>No. | Description                                                                                | Amt.<br>Req. |
|-------------|-------------|--------------------------------------------------------------------------------------------|--------------|
| 1           | 21101 H-4   | Thread Stand, complete, for 4 cones, for Styles<br>39800 CA, CP, CX, VCP and VCX - - - - - | 1            |
| + 1A        |             | Thread Stand, complete, for 6 cones, for Styles<br>39800 CB, CQ, CY, VCQ and VCY - - - - - | 1            |
| 2           | 21114 S-4   | Lead Eyelet, for No. 21101 H-4 - - - - -                                                   | 1            |
| -           | 21114 AL-5  | Lead Eyelet, for 5 threads - - - - -                                                       | 1            |
| 3           | 258 A       | Nut - - - - -                                                                              | 8 or 10      |
| 4           | 652-16      | Washer - - - - -                                                                           | 4 or 5       |
| 5           | 21114       | Spool Seat Disc - - - - -                                                                  | 4 or 5       |
| 6           | 21114 W     | Spool Pin - - - - -                                                                        | 4 or 5       |
| 7           | 21104 V     | Pad, for thread cones - - - - -                                                            | 4 or 5       |
| 8           | 21114 H-4   | Eyelet Support, for No. 21101 H-4 - - - - -                                                | 1            |
| -           | 21114 H-6   | Eyelet Support, for 6 threads - - - - -                                                    | 1            |
| 9           | 22651 CD-4  | Screw - - - - -                                                                            | 1            |
| 10          | 21104 B-24  | Thread Stand Rod - - - - -                                                                 | 1            |
| 11          | 21114 D-4   | Spool Seat Support, for No. 21101 H-4 - - - - -                                            | 1            |
| -           | 21114 D-6   | Spool Seat Support, for 6 threads - - - - -                                                | 1            |
| 12          | 22651 CD-5  | Screw - - - - -                                                                            | 2            |
| 13          | 21104 H     | Nut - - - - -                                                                              | 1            |
| 14          | 652-16      | Washer - - - - -                                                                           | 1            |
| 15          | 21114 U     | Lead Eyelet Ball Split Socket - - - - -                                                    | 2            |
| 16          | 21114 A     | Thread Stand Base - - - - -                                                                | 1            |
| 17          | 22651 CD-4  | Screw - - - - -                                                                            | 1            |
| 18          | 22810       | Clamp Screw - - - - -                                                                      | 1            |
| 19          | 21114 T     | Lead Eyelet Socket Ball - - - - -                                                          | 1            |
| 20          | 22651 CD-4  | Screw - - - - -                                                                            | 2            |
| 21          | 421 D-34    | Foot Lifter Treadle Chain, 34 inches (863.60 mm)<br>long - - - - -                         | 1            |
| 22          | 21388 AU    | Socket Wrench, for 3/8 inch (9.52 mm) hexagonal<br>nut holding feed eccentric - - - - -    | 1            |
| 23          | 21388 W     | Wrench, curved double end, 9/32 inch (7.14 mm)<br>opening - - - - -                        | 1            |
| 24          | 21227 BF    | Feed Eccentric Extractor Hook - - - - -                                                    | 1            |
| *25         | 21225-3/32  | Looper Gauge, 3/32 inch (2.38 mm) - - - - -                                                | 1            |
| 26          | 660-272     | Thread Tweezers - - - - -                                                                  | 1            |
| 27          | 21207 B     | Screwdriver, 1/8 inch (3.18 mm) diameter - - - - -                                         | 1            |
| 28          | 660-264     | "S" Hook for treadle chain - - - - -                                                       | 2            |
| 29          | WR56        | Wrench, 1/8 inch (3.18 mm) hexagonal - - - - -                                             | 1            |
| 30          | WR65        | Wrench, 1/16 inch (1.59 mm) hexagonal - - - - -                                            | 1            |
| 31          | WR69        | Wrench, 9/64 inch (3.58 mm) hexagonal - - - - -                                            | 1            |
| -           | 660-458     | Dust Cover (not shown) - - - - -                                                           | 1            |
| -           | 39899 A     | Threading Wire (not shown) - - - - -                                                       | 1            |
| -           | SC-303      | Wood Screw, #12 x 1 inch (25.4 mm) long (not shown) - - - - -                              | 3            |
| -           | 28604 R     | Container of Oil, 16 ounces, Spec. 175 (not shown) - - - - -                               | 1            |
| -           | 652-24      | Washer, for use in tableboard (not shown) - - - - -                                        | 8            |
| *           | 39803       | Edge Guide, cloth plate mounted (not shown) - - - - -                                      | 1            |
| *           | 29481 J     | Edge Guide (not shown) - - - - -                                                           | 1            |
| *           | 21227 DD    | Needle Height Gauge (not shown) - - - - -                                                  | 1            |
| *           | 21394 N     | Knife Grinder (not shown) - - - - -                                                        | 1            |
| *           | 39598 G     | Swinging Frame - required with No. 21394 N<br>(not shown) - - - - -                        | 1            |

\* Available as extra send and charge item.

+ Number for complete thread stand not available, order component parts.



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