

July 10, 1951

Department #54

158-4

FOR AGENTS ONLY

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 158-4

REPRODUCTION OF

ALS:RH

July 10, 1951

Department #54

List of Parts Complete  
for  
Machine No. 158-4

For Piece-End Stitching, Single-Thread Chain-Stitch.

The No. 24-7 Machine Head is bolted to a Column Stand which is mounted on Casters for convenience in moving from one location to another.

A Drum fitted with spurs is assembled to the Column Stand to carry the material to the machine and revolves in unison with the feeding mechanism of the machine. It is fitted with a ratchet so that it can be moved forward independent of the stitching mechanism when inserting the material.

The Drum and Gears are provided with suitable Guards to prevent injury to the operator and to keep the material from becoming entangled in the gears.

Balance Wheel No. 9617, Diameter of belt groove  $1 \frac{1}{4}$  inches, the machine is Motor Driven.

Speed 1800

Use left or right twist thread in the needle.

Formerly No. 158SV3 Machine.

Note: The Motor required to operate this machine is of the 800 and 900 Series and is not included in the list price of the machine. When placing orders for Motors, the Voltage must be given for D.C. Motors and the Voltage, Cycles and Phase for the S.A. Motors.

No.	Name
*34356	Arm, upper and lower (solid) with 13404 and two 15405
34492	" Rock Shaft with 1811
1811	" " " Roller and Stud
50359 A	" " " Screw Center (back)
1816 J	" " " " " " Nut
50360 C	" " " " " (front)
9782	" Rotary Shaft with 10190
9617	Balance Wheel, Lin. Pulley, with 435AL and 443AL
9573	" " Cover
168 D	" " " Screw
435 AL	" " Position Screw
443 AL	" " Set Screw
132114	Cloth Plate with two 1602E
132115	" " 132114 with 132117, 132151 and three 15132
1602 E 2	" " Bushing
387 F 2	" " Screw
22306	Connecting Rod with two 1012B
34335	" " 22306 with two 44A
1012 B 2	" " Adjusting Screw
44 A 2	" " Screw Stud
9935	Face Plate for 34481
34481	" " 9935 with 228J, 9544, 9545 and two 9543
337 J 2	" " Screw
9725	Feed Dog, 15 teeth (16 teeth to the inch) for heavy work
	Note: No. 9725 is sent with this machine unless another Feed Dog is specified on order.
190 J	Feed Dog Screw
9726	" Forked Connection with 131E and 175E
131 E	" " " Adjusting Screw (large)
175	" " " " (small)
9727	" " " Hinge Pin

No.	Name
66 F	Feed Forked Connection Hinge Screw
9936	" " " Link with 1012B
1012 B	" " " " Adjusting Screw
19 F	" " " " Screw Stud
1527 C	" " " " " " Nut
9825	" " " " " " Washer
9728	" Raising Bar with 131E
131 E	" " " Adjusting Screw
9835	" " " Carrier with 9727
9816	" " " " Stud
449 AL	" " " " " Set Screw
9517	" " " Hinge Pin
132116	" Regulator
9521	" " Friction Washer
59 D	" " Hinge Screw
132117	" " Segment
15132	" " " Rivet
25877	Guide, 1 1/2 in. face
51224 D	" Thumb Screw
9732	Looper with 34418
1019 C	" Set Screw
34418	" Washer
9560	Needle Bar
34170	" " Connecting Link with two 1313E
1313 E 2	" " " " Adjusting Screw
9570	" " " Stud with 207E
207 E	" " " " Clamping Screw
9611	" " Thread Tube
230 F	" Set Screw
9583	Presser Bar
9531	" " Guide with 9531A

No.	Name
462 AL	Presser Bar Guide Set Screw
9735	" " Lifter with 9533
764 D	" " " Hinge Screw
1550 J	" " " " " Nut
22275	" " " Steady Spring
9533	" " " Stop Pin
9834	" " Spring
132262	" Foot
207 J	" " Screw
414 F	Tension Body and Screw Stud
9716 2	" Disc
1543 D	" Regulating Thumb Nut
9717	" Spring
9715	Tension (plain) complete. Nos. 414F, 1543D, 9717 and two 9716
170 K	Tension Thread Guide Stud
9718	" " Hook (double)
380 J	" " " Screw
9937	Thread Eyelet (flat)
525 B	" " Over-Spool Pin
337 J	" " Screw
9938	" " Spring Plate
9543 2	" Ripper Disc
9544	" " " Cover
228 J	" " " " Screw
9600	" " " Spring (heavy)
9545	" " " " (light)
132118	Throat Plate for 9725
244 J 2	" " Screw
*13404	Brace Mark
13405	" " Rivet

### ACCESSORIES

No.	Name
50344 J	Machine Thumb Screw
9842	" " " Washer
120342	Oiler (copper plated) with 120343
120343	" Spout, 3½ in. long
120440	Screw Driver
25539	Stiletto

### MACHINE BASE

No.	Name
135037	Machine Base (wood)
51038 R	" " Screw
9842	" " " Washer

### MOTOR

This Machine is operated with a Series 5-9 Motor

No.	Name
743842	Machine Driving Pulley and Friction Disc, 1 3/4 in. diam., (cast iron)
50807 R 3	Motor Bolt
1770 R 3	" " Nut
126130 3	" " " Lock Washer
9842 3	" " Washer
942417	" Bracket
50874 R	" " Bolt (long)
52715	" " " " Washer
731 R 3	" " " (short)

Column Stand Parts

No.	Name
132131	Base with 968C and 51420C
67609	2 " Caster Ball Ring
67611	2 " " " " Washer (lower)
67611	2 " " " " " (upper)
132268	3 " " Fork
132269	3 " " " Roller with 443C
132270	3 " " " " Hinge Pin
443 C	3 " " " " " " Set Screw
132271	" " Shank for 132272
150093	2 " " " for 132274
8496	3 " " " Position Pin
144 E	2 " " " Screw
14044	2 " " " " Washer
132272	Base Caster (back) complete, Nos. 8496 and 132268 to 132271
132273	Base Caster (back) Collar
28049	" " " Pin
132274	2 Base Caster (front) complete, Nos. 144E, 8496, 14044, 67609, 132268 to 132270, 150093 and two 67611
150312	Belt, size 5/16 in. length 50 in. with 25029, from Feed Wheel Pulley to Motor
130513	Belt, size 5/16 in. length 50 in. with 25029, from Machine Driving Pulley to Balance Wheel
25029	2 Belt Hook
132132	Column with 343C, 968C, 50397C, 50959C and 68350
731 R	3 " Bolt
132133	" Handle
122910	" " Pin
132134	Feed Wheel

No.	Name
132290	Feed Wheel 132134 with 132291 and thirteen 402R
132291	" " Band
402 R 13	" " " Screw
144005	" " Driving Gear (intermediate, large) 102 teeth
132138	" " " " " small) 13 teeth
132139	" " " " " Stud
50397 C	" " " " " " " Set
	Screw
132140	Feed Wheel Driving Gear and Ratchet, 27 teeth
132141	" " " " " " Cover
327 R	" " " " " " " Screw
144006	" " " " " " Pawl with 7393
7393	" " " " " " " Position Pin
23821	" " " " " " " Spring
132143	" " " " " " Stud
50959 C	" " " " " " " Set Screw
132144	" " " " " Guard
116 R 3	" " " " " " Screw
126079 3	" " " " " " Lock Washer
126728	" " Pulley (sectional, grooved) 8-1/2 in. diam.
132292	" " " Hub
132293	" " " " 132292 with two 356C and eight
	each 1178R and 67425
356 C 2	Feed Wheel Pulley Hub Set Screw
132164	" " " " Shaft and Gear, 18 teeth
1178 R 4	" " " " Screw
67425 4	" " " " Lock Washer
132295	Feed Wheel Pulley complete, Nos. 126720, 126728 and 132293
132145	" " Shaft
134010 2	" " " Collar with two 432C
432 C 2	" " " " Set Screw



No.			Name	
968 C			Feed Wheel Shaft Set Screw	
132146	60	"	"	Spur with 132154
132147		"	"	" Guard (lower)
51089 R	3	"	"	" " Bolt with 51581R
51581 R	3	"	"	" " Nut
87425	3	"	"	" " Lock Washer
132148		"	"	" " Bracket (lower)
146 R	2	"	"	" " Screw
132149	2	"	"	" " (upper)
51089 R	4	"	"	" " Bolt with 51581R
51581 R	4	"	"	" " Nut
327 R	4	"	"	" " Screw (lower)
1637 R	4	"	"	" " Nut
742 F		"	"	" " (upper)
1708 R		"	"	" " Nut
132150		"	"	" " (front)
327 R	2	"	"	" " Screw
1637 R	2	"	"	" " Nut
9525	2	"	"	" " Washer
132151		"	"	" " Supporting Plate
15132	2	"	"	" " Rivet
132152		"	"	" " and Stripper (rear)
327 R	2	"	"	" " Screw
1637 R	2	"	"	" " Nut
9525	2	"	"	" " Washer
132153	Feed Wheel Spur Guard complete, Nos. 742F, 1708R, 132147, 132148, 132150, 132152, two 132149, three 87425, four 9525, seven 51089R and eight each 327R and 1637R			
132154	60	Feed Wheel Spur Holder		
1735 R	60	"	"	" " Nut
126720	Machine Driving Pulley, 6 in. diam., (sectional, grooved sheet metal)			

1178 R	4	Machine Driving Pulley Screw
87485	4	" " " " Washer
132159		Treadle
132165	"	132159 with 132170
132166	"	Bracket with two 968C
968 C	2	" " Set Screw
132161	"	" " Shaft
41150	"	" " Collar with two 858C
358 C	2	" " " " Set Screw
132124	"	" " Crank with 456C
124030	"	" " " " Pin
67161	"	Pitman Rod (lower)
69240	"	" " (upper)
80223	"	" " Clamp with 361C
361 C	"	" " " " Set Screw
69241		Treadle Pitman complete, Nos. 67161, 69240 and 80223
132167	"	" " Hinge Stud
438 C	"	" " " " Set Screw
731 R	"	Screw (long)
50967 R	"	" (short)
132168	"	Spring
132169	"	" Bracket
132170	"	" Stud
51143 R	"	Stop Screw
1606 R	"	" " " Nut
132171		Column Stand with Feed Wheel complete, (electric drive, A.C. or D.C. current) Nos. 3275, 1606R, 23821, 28040, 41150, 50874R, 50967R, 51143R, 52715, 69241, 122010, 124030, 132124, 132131 to 132135, 132136 to 132141, 132143 to 132145, 132153, 132161, 132164, to 132169, 132270, 132273, 132290, 132291, 14400, 14400B, 14401, 14402, 14403, 14403B or 14403C, 14403D or 144040 or 144041, 50967 or 50968, 942417, two each 146R, 124010, 132274, three each 116 R, 1778, 9842, 50867R, 126079, 126150, seven 731R and sixty each 1735R and 132146

Electrical Parts

No.	Name
898788	Lead, length 25 ft., for 898867
193645	" " 25 ft., for 898868
898780	" Insulating Bushing with 50771
898781	" " " Insulator (rubber)
50771	" " " Set Screw
67935	Lead Insulating Bushing complete, Nos. 898780 and 898781
67932	" Plug
67933	" " Cap
67931	Lead Plug, 660 watt complete, for 898867, Nos. 67932 and 67933
898867	Lead, length 25 ft., complete, from outlet box to switch, for single or two phase A.C. Motors 110 and 220 volts and D.C. Motors 115 and 230 volts, Nos. 67931, 67935 and 898788
898868	Lead, length 25 ft. complete, from outlet box to switch, for three phase Motors, Nos. 67935 and 193645
744535	Switch (two pole) with 744536, for 194033
744538	" (three pole) with 744539, for 194034
744541	" (four pole) with 744542, for 194035
67744	" Box (octagon) for 194033 and 194034
744603	" " " " 194038
67750	" " Clamping Plate
1178 E	" " " " Screw
67495	" " Cover for 194033
744255	" " " " 194034
744602	" " " " 194038
50861 R 2	" " " Screw for 194033 and 194034
50886 R 2	" " " " " 194038
744536	" Cover (insulated) for 744535
744539	" " " " 744538

No.	Name
744542	Switch Cover (insulated) for 744541
721303	" Handle, for 194033 and 194034
744543	" " " 194035
50643 R 2	" Screw, for 194033 and 194034
50675 R 2	" " " 194035
1787 2	" " Nut (brass) for 194033 and 194034
1785 2	" " " " " 194035
194033	Switch (two pole, reversing) complete, for single phase 110 to 220 volts A.C. or 115 to 230 volts D.C. Motors, Nos. 1178E, 67495, 67744, 67750, 721303, 744535 and two each 1787, 50643R and 50661R
194034	Switch (three pole, reversing) complete, For 110 to 220 volts, A.C. three phase motors, Nos. 1178E, 67744, 67750, 721303, 744255, 744538 and two each 1787, 50643R and 50661R
194035	Switch (four pole, reversing) complete, for 110 to 220 volts, A.C. two phase Motors, Nos. 1178E, 67750, 744541, 744543, 744602, 744803 and two each 1785, 50675R and 50688R
194036	Wire, 29½ in. long with Conduit (2 strand B.V. Cable) for 194039
194037	Wire, 29½ in. long with Conduit (3 strand B.V. Cable) for 194040
194038	Wire, 29½ in. long with Conduit (4 strand B.V. Cable) for 194041
744750	Wire Conduit Connector
744781	" " " 90 degrees
744752	" " " Bussing (paper) for 194039 and 194040

No.	Name
744763	Wire Conduit Connector Bushing (paper) for 194041
194039	Wire Connection complete, from Motor to switch, for single phase 110 to 220 volts A.C. or 115 to 230 volts D.C. Motors, Nos. 194036, 744760, 744761 and two 744762
194040	Wire Connection complete, from motor to switch, for three phase 110 to 220 volts A.C. Motors, Nos. 194037, 744760, 744761 and two 744762
194041	Wire Connection complete, from motor to switch, for two phase 110 to 220 volts A.C. Motors, Nos. 194038, 744760, 744761 and two 744763

Speed Reducer  
For D.C. Motor

No.	Name
60499	Pulley (large) 6 $\frac{1}{2}$ in. diam.
60483	" (small) 2 $\frac{1}{2}$ in. diam.
60870	" Hub
50512 E 8	" Screw
60765	" Shaft with 60739, 60740, 61148 and two 60741
150316	" " Bushing
68350	" " Oil Cup
61148	" " Hole Plug
60739	" " Oiling Wick
60740	" " " " Cover (leather)
60741 2	" " " " " Plug (leather)
343 C	" " Set Screw
54970	" " Washer
150317	Speed Reducer complete, Nos. 54970, 60483, 60499, 60765, 60870 and eight 50512.

Thread Unwinder  
For One Spool

No.	Name
225259	Spool Rest with 201018C
150203	" " Cushion (felt)
225388	" " Rod
200383 C	" " " Set Screw
201018 C	" " Set Screw
259658	" Stand with 200383C
225391	Thread Guide
201696 J	" " Lock Nut
225326	" " Position Cup
225324	" " Rod with 208E and 225322
208 E	" " " Screw
225322	" " " Washer
150310	Thread Unwinder complete, Nos. 150203, 201696J, 225259, 225324, 225326, 225388, 225391, 259658 and three each 50573R and 51587R
150311	Thread Unwinder Bracket
50573R 3	" " Screw
51587 R 3	" " " Nut
27739	" Cone (wood) for large cones
225390	" " Holder, for inverted cones

Note: Nos. 27739 and 225390 are used with but not included in,  
150310