

DEPARTMENT No. 54
MARCH 3, 1916

COPY FOR M. T. D. FILE

**LIST OF PARTS
COMPLETE**



FOR

Machine No. 86-12

THE SINGER MANUFACTURING COMPANY

LIST OF PARTS COMPLETE FOR MACHINE NO. 86-12

For Two-Line Stitching on Heavy Overalls, etc. Two needles, two loopers, double chain stitch, gauges $\frac{1}{4}$, $\frac{9}{32}$ and $\frac{5}{16}$ inch, outside stitch regulating device, drop feed, foot lifter. Greatest distance between throat plate and presser foot $\frac{1}{2}$ inch.

*54912	Arm	
54913	“ Back Cover	
54914	Arm Back Cover complete, Nos. 1538u, 50223b, 54913, 54915, 54916 and two 1443u	
54915	Arm Back Cover Latch with 911b	
50223b	“ “ “ “ Hinge Screw	
911b	“ “ “ “ Screw Stud	
1538u	“ “ “ “ “ “ Thumb Nut	
54916	“ “ “ Spring	
1443u	“ “ “ “ Screw	
51897	“ Oil Cup	
54917	“ “ Tube for oiling 54941	
54918	“ Rock Shaft	
54919	“ “ “ Bushing (back)	
50224c	“ “ “ “ “ Set Screw	
54920	“ “ “ “ (front)	
888c	“ “ “ “ “ Set Screw	
54921	“ “ “ Collar with two 456c	
456c	“ “ “ “ Set Screw	
54603	“ “ “ Crank (back) with two 50135c	
50135c	“ “ “ “ “ Set Screw	
54776	“ “ “ “ (front) with two 50135c	
50135c	“ “ “ “ “ Set Screw	
54922	“ Side Cover	
286b	“ “ “ Thumb Screw	
54923	Belt Cover	
134b	“ “ Screw	
54885	Cloth Plate (left) with 54889 and two 4621	
54886	“ “ (right)	
54887	“ “ Bracket with 345c	
345c	“ “ “ Screw	
50217b	“ “ Screw	
54888	“ “ Spring	
237b	“ “ “ Guide Screw	

50218c	Cloth Plate Spring Lock Screw
54889	" " " Packing
4621	" " " Rivet
219d	" " " Screw
54890	Cloth Plate complete, Nos. 219b, 237b, 50218c, 54885, 54886 and 54888
54891	Cloth Plate with Bracket complete, Nos. 54887, 54890 and two 50217b
54924	Crank Connecting Rod complete, Nos. 1722c, 1723a, 54616, 54617, 54925 and 54926
*54925	Crank Connecting Rod (rod only)
50127c	" " " Ball Screw Stud
1520e	" " " " " Nut
*54612	" " " Cap (lower)
896e	" " " " " Screw
*54613	" " " " (upper)
175e	" " " " " Screw
*54614	" " " End Bearing (lower)
*54615	" " " " " (upper)
*54616	" " " Head (lower) Nos. 54612, 54614 and two 896e
*54617	Crank Connecting Rod Head (upper) Nos. 50127c, 54613, 54615 and two 175e
1722e	Crank Connecting Rod Nut (lower)
1723e	" " " " (upper)
54926	" " " Position Pin and Bracket (solid)
*54927	Cylinder with 460c, 54613, 54664, 54943, 54944 and two 391b
54620	Cylinder Dowel Pin
54859	" End Cover
55021	Cylinder End Cover complete, Nos. 54859, 55022, 55023 and two each 220e, 994c and 54628
54623	Cylinder End Cover Lock Spring
54624	" " " " " Cap
189d	" " " " " " Screw
55022	" " " Slide
55023	" " " " " Gib
994c	" " " " " Adjusting Screw
220e	" " " " " Screw
54628	" " " " " Rivet
54643	" Oil Tube
54928	" Rock Shaft (lower) with 54704
54929	" " " " " Bushing
447c	" " " " " Set Screw
54930	" " " " " Eccentric
50225d	" " " " " " Adjusting Screw

54931	Cylinder Rock Shaft (lower) Eccentric Connecting Rod with 54932 and two 171e
*54932	Cylinder Rock Shaft (lower) Eccentric Connecting Rod Cap
171e	Cylinder Rock Shaft (lower) Eccentric Connecting Rod Cap Screw
54933	Cylinder Rock Shaft (lower) Eccentric Connecting Rod Stud with 207e
207e	Cylinder Rock Shaft (lower) Eccentric Connecting Rod Stud Clamping Screw
103d	Cylinder Rock Shaft (lower) Eccentric Hinge Screw
54704	" " " " Key
54781	" " " (upper)
54934	" " " " Collar with two 465c
465c	" " " " " Set Screw
54632	" " " " Crank with two 457c
54935	" " " " " Connecting Link
157c	" " " " " Set Screw
54936	" " " " " Eccentric with 457c and 624c
54937	Cylinder Rock Shaft (upper) Eccentric Connecting Rod with 54939, 54940 and two each 171e and 896e
54938	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Ball Stud
624c	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Ball Stud Set Screw
*54939	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Cap (lower)
171e	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Cap (lower) Screw
*54940	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Cap (upper)
896e	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Cap (upper) Screw
54941	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Lever with 624c
54942	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Lever Hinge Stud
446c	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Lever Hinge Stud Set Screw
54671	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Position Pin and Bracket (solid)
1100d	Cylinder Rock Shaft (upper) Eccentric Connecting Rod Position Pin and Bracket Screw
624c	Cylinder Rock Shaft (upper) Eccentric Position Screw

457c	Cylinder Rock Shaft (upper) Eccentric Set Screw	.....
134d	" " Screw	.....
54662	" " Thread Cover	.....
767d	" " " " Screw	.....
*54943	" " Top Cover (back)	.....
54664	" " " " Hinge Pin	.....
460c	" " " " " " Set Screw	.....
*54944	" " " " (front) with 665d and 54666	.....
391d	" " " " " " Screw	.....
54666	" " " " " " Spring	.....
665d	" " " " " " Screw	.....
54945	Face Plate with two 2827	.....
46111	" " " " Pin	.....
2827	" " " " Thread Guard with 8505	.....
8505	" " " " " " Rivet	.....
286d	" " " " " " Thumb Screw	.....
54946	Feed Dog	.....
54947	" " " " Adjusting Wedge	.....
54948	" " " " Carrier with two 462c	.....
462c	" " " " " " Set Screw	.....
54949	" " " " " " Slide Block	.....
50226c	" " " " " " " " Screw	.....
50128c	" " " " " " " " Screw	.....
54863	" " Eccentric	.....
103d	" " " " Adjusting Screw	.....
54865	" " " " " " Friction Washer	.....
54950	" " " " Flange with two 440F	.....
440F	" " " " " " Adjusting Screw	.....
440F	" " " " " " Set Screw	.....
103d	" " " " " " Hinge Screw	.....
54865	" " " " " " Friction Washer	.....
54951	" " Lifting Eccentric with 457c and 624c	.....
624c	" " " " " " Position Screw	.....
457c	" " " " " " Set Screw	.....
54952	" " " " Lever	.....
54953	" " " " Connecting Rod with 54940 and two 896e	.....
*54940	Feed Lifting Lever Connecting Rod Cap	.....
896e	" " " " " " " " Screw	.....
50227c	" " " " " " " " Hinge Screw	.....
1620E	" " " " " " " " " " Nut	.....
324c	" " " " " " " " Screw Centre	.....
54954	" " " " " " " " Regulating Lever	.....
54955	" " " " " " " " Bracket	.....
127E	" " " " " " " " " " Screw	.....
974c	" " " " " " " " " " Hinge Screw	.....
54956	" " " " " " " " " " Spring	.....

2269	Feed Regulating Lever Stop Pin	.....
54957	" " " " Regulator	.....
54958	" " " " Friction Spring	.....
54959	Feed Rod complete, Nos. 1722E, 54948, 54960 and 54963	.....
54960	Feed Rod (rod only)	.....
*54961	" " " " Cap	.....
896E	" " " " " " " " Screw	.....
*54962	" " " " " " End Bearing	.....
54963	" " " " " " Head, Nos. 54961, 54962 and two 896E	.....
1722E	" " " " " " " " Nut	.....
54964	Hand Wheel and Pulley with 430c and 1299c	.....
430c	" " " " " " " " Set Screw (long)	.....
1299c	" " " " " " " " " " (short)	.....
54965	" " " " " " " " Shaft	.....
54966	" " " " " " " " Bushing (left)	.....
54967	" " " " " " " " " " Oil Pad (braided cotton)	.....
888c	Hand Wheel and Pulley Shaft Bushing (left) Set Screw	.....
54968	Hand Wheel and Pulley Shaft Bushing (right)	.....
54969	" " " " " " " " " " Oil Pad (braided cotton)	.....
895c	Hand Wheel and Pulley Shaft Bushing (right) Set Screw	.....
54970	Hand Wheel and Pulley Shaft Washer	.....
54785	Looper (back)	.....
465c	" " " " " " " " Set Screw	.....
54786	" " " " (front) with 54707	.....
55005	" " " " " " " " Needle Guard	.....
665d	" " " " " " " " " " Screw	.....
54707	" " " " " " " " " " Steady Pin	.....
465c	" " " " " " " " " " Set Screw	.....
54788	" " " " " " " " " " Carrier with two each 185H and 465c	.....
185H	" " " " " " " " " " Adjusting Screw	.....
54692	" " " " " " " " " " Hinge Pin	.....
620c	" " " " " " " " " " " " Set Screw	.....
55013	" " " " " " " " " " Holder with 211F and 620c	.....
211F	" " " " " " " " " " " " Clamping Screw	.....
54694	" " " " " " " " " " Slide Block (two pieces) with 54695 and two 54705	.....
*54695	Looper Carrier Slide Block Ball Stud	.....
208d	" " " " " " " " " " " " Clamping Screw	.....
54973	" " " " " " " " " " " " Holder with 202d and 208d	.....
202d	" " " " " " " " " " " " " " Clamping Screw	.....
54705	" " " " " " " " " " " " Pin	.....
54708	Needle Bar (hollow)	.....

54846	Needle Bar complete, Nos. 54708 and 54847	.....
54710	" " Bushing (lower)	.....
563c	" " " " Set Screw	.....
54974	" " " " (upper)	.....
563c	" " " " Set Screw	.....
54711	" " Connecting Link	.....
54712	" " " " Hinge Stud	.....
1520E	" " " " " " Nut	.....
54713	" " " " Stud with 207E	.....
207E	" " " " Clamping Screw	.....
54847	" Clamp with 46478 and two 1498F	.....
46478	" " Thread Guide	.....
54975	" Guard (back)	.....
233D	" " " Screw	.....
54976	" " (front)	.....
233D	" " " Screw	.....
54977	" " Holder	.....
185H	" " " Screw	.....
1498F	" Set Screw	.....
55008	Presser Bar	.....
54978	" " Bushing	.....
563c	" " " Set Screw	.....
54718	" " Guide Bracket with 207D	.....
207D	" " " " Clamping Screw	.....
54719	" " Lifter	.....
50228c	" " " Hinge Screw	.....
54979	" " Lifting Bracket with 1492D	.....
1492D	" " " " Clamping Screw	.....
55009	" " Spring (flat)	.....
54722	" " Stud	.....
26276	" Foot Hinge Pin	.....
54981	" " Plate	.....
54982	" " Shank	.....
54983	Presser Foot (hinged) complete, Nos. 26276, 54981 and 54982	.....
190D	Presser Foot Screw	.....
50132D	Pressure Regulating Thumb Screw	.....
1543D	" " " " Lock Nut	.....
54984	Slack Thread Regulator with 662D and 54986	.....
203c	" " " " Screw	.....
54985	" " " " Spring	.....
54732	" " " " Bracket	.....
203c	" " " " " Screw	.....
1425D	" " " " " Screw	.....
54986	" " " " Stop	.....
662D	" " " " " Screw	.....
2102	Tension (under thread) Disc	.....

1560c	Tension (under thread) Regulating Thumb Nut	.....
828c	" " " " Screw Stud (lower)	.....
916c	" " " " " " (upper)	.....
1547D	" " " " " " Nut	.....
10148	" " " " Spring	.....
38145	" " " " Thread Guide	.....
54987	" (upper thread) Bracket	.....
376D	" " " " " Screw	.....
2102	" " " " Disc	.....
1560c	" " " " Regulating Thumb Nut	.....
32572	" " " " Releasing Disc	.....
54988	" " " " " Pin	.....
54989	" " " " " Shaft	.....
54872	" " " " " " Crank with 624c	.....
54873	" " " " " " Link	.....
110D	" " " " " " " Hinge Screw	.....
624c	Tension (upper thread) Releasing Shaft Crank Set Screw	.....
54990	Tension (upper thread) Releasing Shaft Spring	.....
316F	" " " " " " Stop Screw	.....
1547D	" " " " " " " " Nut	.....
50133c	Tension (upper thread) Screw Stud	.....
54738	" " " " Spring	.....
17547	" " " " Thread Guide	.....
54991	Thread (under) Nipper Bracket	.....
190D	" " " " " Screw	.....
54992	" " " " Connecting Rod with 54993 and two 171E	.....
*54993	Thread (under) Nipper Connecting Rod Cap	.....
171E	" " " " " " " Screw	.....
999D	" " " " " " Hinge Screw	.....
54874	" " " " Eccentric with 465c	.....
465c	" " " " " Set Screw	.....
54740	" " " " Spring	.....
233D	" " " " " Screw	.....
54875	" " Pull-off with 465c	.....
465c	" " " " Set Screw	.....
54898	" " " " Thread Guard with 459F	.....
1145D	" " " " " Hinge Screw	.....
459F	" " " " " Stop Screw	.....
54827	" " " " " " and Thread (under) Take-up Thread Guard Spring	.....
54828	Thread (under) Pull-off Thread Guard and Thread (under) Take-up Thread Guard Spring Stop Pin	.....

54801	Thread (under) Separator Pin for 54807	.....
54994	“ “ Separator	.....
337D	“ “ “ Screw	.....
54876	“ “ Take-up with 465c	.....
54995	“ “ “ Eccentric with 447c	.....
447c	“ “ “ “ Set Screw	.....
465c	“ “ “ “ Set Screw	.....
54996	“ “ “ “ Shaft	.....
50229c	“ “ “ “ “ “ Screw Centre	.....
462c	“ “ “ “ “ “ Set Screw	.....
54899	“ “ “ “ “ “ Thread Guard with 459F	.....
1145D	“ “ “ “ “ “ Hinge Screw	.....
459F	“ “ “ “ “ “ Stop Screw	.....
54997	“ (upper) Controller	.....
54806	“ “ “ “ Lever	.....
54879	“ “ “ “ “ “ Connection	.....
999F	“ “ “ “ “ “ Hinge Screw	.....
974D	Thread (upper) Controller Lever Hinge Screw	.....
54758	“ “ “ “ Post	.....
743c	“ “ “ “ “ Set Screw	.....
219F	“ “ “ “ “ Screw	.....
55016	“ “ Take-up	.....
217F	“ “ “ “ “ Screw	.....
54807	“ Tube with 54801	.....
54808	“ “ 54807 with 54772	.....
54772	“ “ Bracket	.....
54761	“ “ for 54927	.....
1484F	“ “ “ “ Screw	.....
54834	Throat Plate for 54946	.....
1319F	“ “ “ “ “ Screw	.....

IRON BASE

54998	Machine Base with three wood screws 1½ in. No. 12 and four each 935D and 42088	.....
42088	Machine Cushion (felt)	.....
935D	“ “ “ “ Screw	.....

ACCESSORIES

1407E	Machine Thumb Screw for 3 in. table	.....
1408E	“ “ “ “ 2 in. table	.....
14063	“ “ “ “ Spring	.....
9842	“ “ “ “ Washer	.....
36563	Oiler (copper plated) with 36564	.....
36564	“ Spout, 5 in. long	.....

26026	Screw Driver (large)	.....
26485	“ “ (small)	.....
35095	Tweezers, 6 in.	.....
4822	Wrench for 1517	.....
8908	“ “ 1520, 1620, 1722 and 1723	.....
37051	“ “ 50127	.....

FOOT LIFTER PARTS

6439	Chain, 36 in. to 45 in.	.....
NOTE. When ordering No. 6439 give length required.		
4879	Chain Connecting Link	.....
54999	Lifting Lever	.....
54767	“ “ Extension	.....
161D	“ “ “ “ Screw	.....
54768	“ “ “ “ Spring	.....
866D	“ “ “ “ Hinge Screw	.....
4881	Treadle	.....
4882	“ Shaft	.....
4883	“ Spring	.....
4884	“ Stand	.....
4885	Treadle complete, Nos. 4879, 4881 to 4884 and two wood screws 1 in. No. 16	.....
55000	Foot Lifter complete, Nos. 866D, 4885, 6439, 54767, 54768, 54999 and two 161D	.....

LAP SEAM FELLER

36610	Lap Seam Feller on Slide	.....
26277	Holder	.....
36586	“ Plate	.....
624c	“ “ Adjusting Screw	.....
36598	“ “ Bracket with 624c	.....
1174D	“ “ “ “ Screw	.....
202D	“ “ “ “ Screw	.....
922D	“ “ “ “ Thumb Screw	.....
19294	Spring	.....
405D	“ “ “ “ Screw	.....

THREAD UNWINDER

FOR FOUR LARGE SPOOLS OR FOUR LARGE CONES OF THREAD

27623	Spool Pin	.....
155c	“ “ Set Screw	.....
41534	“ Rest	.....

41535	Spool Rest 41534 with 1149c and four each 455c and 27623.....
1149c	Spool Rest Set Screw.....
27940	" Stand with 453c.....
41514	" Weight, 4 in. diam., with 41515.....
41515	" " Centre Pin.....
27739	Thread Cone (wood).....
41633	" Guard with 208E and four 41569.....
41569	" " Eyelet.....
41637	" " Rod (lower).....
41638	" " " (upper).....
41639	" " " Coupling with two 456c.....
456c	" " " " Set Screw.....
41640	Thread Guard Rod complete, 30 in. long, Nos. 41637 to 41639.....
453c	Thread Guard Rod Set Screw.....
208E	" " Screw.....
41537	Thread Unwinder complete, Nos. 27940, 41535, 41633, 41640, three wood screws 1 in. No. 12 and four each 27739 and 41514.....