

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. 1538H, 50223b, 54913, 54915, 54916 and two 1443H	
54915	Arm Back Cover Latch with 911b	
50223b	" " " " Hinge Screw	
911b	" " " " Screw Stud	
1538H	" " " " " " Thumb Nut	
54916	" " " Spring	
1443H	" " " " Screw	
54897	" 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. 219d, 237d, 50218c, 54885, 54886 and 54888	.....
54891	Cloth Plate with Bracket complete, Nos. 54887, 54890 and two 50217d	.....
54924	Crank Connecting Rod complete, Nos. 1722e, 1723e, 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 391d	.....
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	.....
134b	" " Screw	.....
54662	" " Thread Cover	.....
767b	" " " Screw	.....
*54943	" " Top Cover (back)	.....
54664	" " " " Hinge Pin	.....
460c	" " " " " Set Screw	.....
*54944	" " " (front) with 665b and 54666	.....
391b	" " " " Screw	.....
54666	" " " " Spring	.....
665b	" " " " " Screw	.....
54945	Face Plate with two 2827	.....
46111	" " " Pin	.....
2827	" " " Thread Guard with 8505	.....
8505	" " " " Rivet	.....
286b	" " " 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	.....
103b	" " Adjusting Screw	.....
54865	" " " " Friction Washer	.....
54950	" " Flange with two 440F	.....
440F	" " " Adjusting Screw	.....
440F	" " " Set Screw	.....
103b	" " 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	.....
665b	" " " " 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	.....
208b	" " " " " Clamping Screw	.....
54973	" " " " " Holder with 202b and 208b	.....
202b	" " " " " 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) Separating 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	" " " " " " " " Set Screw	
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 1547	
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.....