

# Singer 16-81

Form 20872  
(1056)  
Printed in U. S. A.

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of the original document

LIST OF PARTS  
SINGER\*\* SEWING MACHINE  
**16-81**



**THE SINGER MANUFACTURING COMPANY**

\*\*A Trade Mark of THE SINGER MANUFACTURING COMPANY

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LIST OF PARTS  
**SINGER**™ SEWING MACHINE  
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## INSTRUCTIONS FOR ORDERING

In ordering from this list, use **ONLY** the part **NUMBER** in the **FIRST** column.

The number stamped on a Sewing Machine Part is in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, must be used when ordering the combination.

Each number always indicates the **SAME PART** in whatever list it appears, or for whatever machine.

The letters after some of the numbers indicate the style of finish only, as follows:

- A—Hardened, Polished, Nickel Plated and Buffed
- A.A—Buffed and Chromium Plated
- A.B—Hardened, Polished, Buffed and Chromium Plated
- A.C—Brown Baking Enamel Finish
- A.D—Gray Baking Enamel Finish
- A.E—Hardened, Bright Rumbled and Nickel Plated
- A.F—Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- A.G—Alumilite, Plain
- A.H—Alumilite, Dyed
- A.J—Polished, Nickel Plated and Chromium Plated
- A.K—Hardened, Polished, Nickel Plated and Chromium Plated
- A.L—Heat Treated for Toughness
- B—Polished, Nickel Plated and Buffed
- C—Hardened Only
- C.R—Hardened and Merlized
- D—Polished Only
- E—Soft, Not Polished
- F—Hardened and Polished
- F.J—Hardened, Polished and Nickel Plated
- G—Bright Rumbled and Nickel Plated
- H—Blued
- J—Nickel Plated Only
- K—Hardened and Nickel Plated
- L—Brass Plated
- M—Oxidized
- N—Japanned, Dull
- P—Japanned, Bright
- P.P—Wrinkle Finish
- R—Merlized
- S—Cadmium Plated
- T—Copper Plated
- T.A—Hardened, Polished, Copper and Nickel Plated and Buffed
- T.B—Copper and Nickel Plated and Polished
- T.J—Copper and Nickel Plated Only
- T.K—Hardened, Copper and Nickel Plated
- T.L—Copper and Brass Plated
- T.M—Copper Plated and Oxidized

## INSTRUCTIONS FOR ORDERING—Continued

- U—Zinc Plated
- V—Silver Plated
- W—Polished and Nickel Plated
- X—Black Oxide, for Iron and Steel
- X.C—Hardened and Black Oxide, for Iron or Steel
- Y—Black Nickel Plated Only
- Z—Chromium Plated
- Z.A—Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
- Z.B—Polished, Nickel Plated, Buffed and Chromium Plated
- Z.C—Hardened and Chromium Plated
- Z.D—Polished and Chromium Plated
- Z.G—Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- Z.J—Nickel and Chromium Plated
- Z.T—Copper and Chromium Plated

These letters **MUST BE USED** when they appear in the list; and **AFTER** the number as in the list.

In this series:

1 to 1500, 50001 to 51500 and 140001 to 142000 are Screw Numbers

1501 to 1800 and 51501 to 51800 are Nut Numbers

1801 to 2000 and 51801 to 52000 are Roller Numbers

2001 to 50000 and 52001 to 140000 and 142001 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts.

The figures in the second column refer only to the plates, illustrating the parts, and are **NOT TO BE USED** in ordering.

Parts marked with an asterisk (\*) are furnished only when repairs are made at factory.

SINGER Needles should be used  
in SINGER Machines.  
These Needles and their Containers  
are marked with the  
Company's Trade Mark "SIMANCO.\*\*" 1

Needles in Containers marked  
"FOR SINGER MACHINES"  
are **NOT SINGER** made needles. 2

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 16-81

FOR BOOK AND PAMPHLET STITCHING.  
 ROLLER PRESSER. DROP FEED. LENGTH  
 OF STITCH 1 TO 4 TO THE INCH.  
 WILL STITCH CLOSE TO THE EDGE ON  
 BOOKS OR PAMPHLETS UP TO 3/16" THICK.

No.	Plate	Name
*5725	-----	Arm with 4448 and 4449
2002	221	Arm Dowel Pin (2)
4448	360	Arm Oil Tube for intermediate bearing
123E	321	Arm Screw (3)
4368	6226	Arm Shaft
3005	259	Arm Shaft Bushing (back)
448AL	224	Arm Shaft Bushing (back) Set Screw
4449	-----	Arm Shaft Bushing (front)
144D	237	Arm Shaft Screw
4288	306	Arm Side Cover
51224W	118	Arm Side Cover Thumb Screw
52239	22218	Arm Spool Pin and Thread Eyelet
11241	361	Arm Spool Pin Washer (cloth)
*5451	-----	Bed with two 3016 and six 3021
56901	-----	Bed Hinge Pin
3021	297	Bed Hinge Rivet (6)
3016	260	Bed Hinge complete (2)
256J	259	Clamp Stop Motion Clamp Screw
248A	237	Clamp Stop Motion Clamp Stop Screw
2020	259	Clamp Stop Motion Clamp Washer
4933	259	Clamp Stop Motion Flanged Bushing with two 462AL
2022	221	Clamp Stop Motion Flanged Bushing Pin
462AL	357	Clamp Stop Motion Flanged Bushing Set Screw (2)
3022	-----	Clamp Stop Motion complete, Nos. 248A, 256J, 2020 and 4933
4292	257	Crank Connecting Rod with 125044 and two 145E
145E	1	Crank Connecting Rod Cap Screw (2)
375C	312	Crank Connecting Rod Hinge Screw
1518E	312	Crank Connecting Rod Hinge Screw Nut
125044	-----	Crank Connecting Rod Oil Pad (felt)

PARTS FOR MACHINE NO. 16-81

No.	Plate	Name
4343	327	Face Plate
56796	-----	Face Plate 4343 with 2105
56867	-----	Face Plate complete, Nos. 448AL, 460AL, 2107, 2111, 2127, 2269, 4369, 56796, 56866 and two 233J
164D	312	Face Plate Screw (3)
2107	221	Face Plate Thread Guard
233J	237	Face Plate Thread Guard Screw
5563	300	Feed Bar with 233J and 5734
313C	312	Feed Bar Screw Center (2)
56813	-----	Feed Bar Screw Center 313C with 1519J (2)
1519J	224	Feed Bar Screw Center Nut (2)
5569	262	Feed Bar Spring
5734	341	Feed Bar Spring Hook
5564	262	Feed Bar Spring Hook
233J	237	Feed Bar Spring Hook Screw
5572	290	Feed Dog
208AL	237	Feed Dog Screw (2)
5570	346	Feed Eccentric with 446AL
4273	257	Feed Eccentric Connection with 125044 and two 145E
145E	237	Feed Eccentric Connection Cap Screw
25F	312	Feed Eccentric Connection Hinge Screw
125044	-----	Feed Eccentric Connection Oil Pad (felt)
446AL	312	Feed Eccentric Set Screw
4751	-----	Feed Lifting Rock Shaft
5566	257	Feed Lifting Rock Shaft complete, Nos. 4751 and 5567
5567	260	Feed Lifting Rock Shaft Crank with 157J and 1905
157J	237	Feed Lifting Rock Shaft Crank Clamping Screw
1905	340	Feed Lifting Rock Shaft Crank Roller and Stud
307C	237	Feed Lifting Rock Shaft Screw Center (2)
56814	-----	Feed Lifting Rock Shaft Screw Center 307C with 1513J (2)
1513J	224	Feed Lifting Rock Shaft Screw Center Nut (2)
4276	307	Feed Regulating Slide with 190J
4277	307	Feed Regulating Slide Gib
190J	237	Feed Regulating Slide Set Screw
4278	257	Feed Rock Shaft with 5564
4279	-----	Feed Rock Shaft 4278 with 4280
4280	260	Feed Rock Shaft Crank with 453AL
2117	221	Feed Rock Shaft Crank Pin

## PARTS FOR MACHINE NO. 16-81

No.	Plate	Name
453AL	237	Feed Rock Shaft Crank Set Screw
307C	237	Feed Rock Shaft Screw Center (2)
56814	-----	Feed Rock Shaft Screw Center 307C with 1513J (2)
1513J	224	Feed Rock Shaft Screw Center Nut (2)
36669	358	Guide with 1148AL
1148AL	7	Guide Set Screw
284D	238	Guide Thumb Screw
3008	6225	Machine Pulley (power) light rim, 1 3/4 in. pulley, with two 448AL
56899	-----	Machine Pulley (light rim) "V" belt groove (outside diam. of belt groove 2.9 in.) with two 435AL
56898	-----	Machine Pulley (heavy rim) "V" belt groove (outside diam. of belt groove 2.9 in.) with two 435AL
2862	256	Machine Pulley (stand) heavy rim, 3 in. pulley
435AL	68	Machine Pulley Set Screw (2)
448AL	224	Machine Pulley Set Screw (2)
2139	256	Machine Pulley, 1 11/16 in. diam., with 451C
2140	256	Machine Pulley, 2 3/16 in. diam., with 437C
451C	237	Machine Pulley Set Screw
437C	237	Machine Pulley Set Screw
3044	301	Needle Bar
3045	301	Needle Bar Connecting Link
377C	312	Needle Bar Connecting Link Hinge Screw
1518E	312	Needle Bar Connecting Link Hinge Screw Nut
2052	226	Needle Bar Connecting Stud with 155C
155C	237	Needle Bar Connecting Stud Set Screw
290E	238	Needle Bar Screw Bushing
2166	221	Needle Bar Thread Guard
233D	237	Needle Bar Thread Guard Screw
2167	221	Needle Clamp with 196F
196F	237	Needle Clamp Screw
4304	299	Oscillating Rock Shaft (steel) with 4784
5747	-----	Oscillating Rock Shaft 4304 with 15489 and 56812
3052	299	Oscillating Rock Shaft Hinge Pin
56812	-----	Oscillating Rock Shaft Hinge Pin 3052 with 1513J
1513J	224	Oscillating Rock Shaft Hinge Pin Nut
635C	299	Oscillating Rock Shaft Hinge Pin Screw Bearing



PARTS FOR MACHINE NO. 16-81

No.	Plate	Name
15489	-----	Oscillating Rock Shaft Hinge Pin Screw Bearing 635C with 1513J
1513J	224	Oscillating Rock Shaft Hinge Pin Screw Bearing Nut
4784	341	Oscillating Rock Shaft Oil Pad
3168	257	Oscillating Shaft
15163	-----	Oscillating Shaft Crank
15164	-----	Oscillating Shaft Crank complete, Nos. 462AL, 1519E, 15163 and 15171
2049	221	Oscillating Shaft Crank Pin
462AL	357	Oscillating Shaft Crank Set Screw
15170	6228	Oscillating Shaft Crank Slide Block
229J	6228	Oscillating Shaft Crank Slide Block Cap Screw
12424	6228	Oscillating Shaft Crank Slide Block Cap Screw Washer
1035C	6228	Oscillating Shaft Crank Slide Block Screw Stud
1519E	6228	Oscillating Shaft Crank Slide Block Screw Stud Nut
15171	6228	Oscillating Shaft Crank Slide Block complete, Nos. 229J, 1035C, 12424 and 15170
2058	6236	Presser Bar
2062	301	Presser Bar Lifter
689C	312	Presser Bar Lifter Screw
1520E	224	Presser Bar Lifter Screw Nut
5608	259	Presser Bar Lifting Bracket with 453AL
453AL	237	Presser Bar Lifting Bracket Set Screw
290E	238	Presser Bar Screw Bushing
3056	301	Presser Bar Spring (heavy)
2308	301	Presser Bar Spring (light)
2070	221	Presser Bar Spring Washer
262J	312	Pressure Regulating Thumb Screw
1859	303	Roller, 1 1/4 in. diam., with 386D and 1528J
56884	-----	Roller Arm
440F	231	Roller Arm Adjusting Screw
1547J	231	Roller Arm Adjusting Screw Nut
4282	6233	Roller Arm Bracket
316F	231	Roller Arm Bracket Screw Center (2)
1547J	231	Roller Arm Bracket Screw Center Nut (2)
2205	231	Roller Arm Lock Spring
176D	231	Roller Arm Lock Spring Screw
1549J	231	Roller Arm Lock Spring Screw Nut

PARTS FOR MACHINE NO. 16-81

No.	Plate	Name
4281	303	Roller Presser complete, 1 1/4 in. roller, Nos. 176D, 440F, 1549J, 1859, 2205, 4282, 56884, two 316F and three 1547J
190D	237	Roller Presser Screw
386D	979	Roller Screw
1528J	296	Roller Screw Nut
2996	1928	Shuttle Bobbin
15140	1928	Shuttle Bobbin Case Latch
2973	1928	Shuttle Bobbin Case Latch Lever
2974	1928	Shuttle Bobbin Case Latch Lever Fulcrum Pin
2975	1928	Shuttle Bobbin Case Latch Spring
592E	1928	Shuttle Bobbin Case Latch Stop Screw
15141	-----	Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140
15277	1928	Shuttle Bobbin Case with 592E, 2975 and 15141
2515	218	Shuttle Body
591F	1928	Shuttle Tension Regulating Screw
15278	1928	Shuttle Tension Spring
15100	1928	Shuttle, 1 11/16 in. diam., Nos. 2515, 2996 and 15277
5568	-----	Shuttle Driver
2049	221	Shuttle Driver Pin
2531	6236	Shuttle Race Back
2532	221	Shuttle Race Back Position Pin (2)
2533	220	Shuttle Race Back Spring
648J	238	Shuttle Race Back Spring Screw
56851	-----	Shuttle Race Body
56852	-----	Shuttle Race Body 56851 with 2535 and two 662AL
2535	220	Shuttle Race Cap
662AL	237	Shuttle Race Cap Screw (2)
56853	6275	Shuttle Race complete, Nos. 648J, 2531, 2533, 56852 and two 2532
145D	237	Shuttle Race Screw (2)
4753	-----	Shuttle Race Slide
4754	348	Shuttle Race Slide complete, Nos. 4307, 4753 and two 725E
4307	306	Shuttle Race Slide Spring
725E	312	Shuttle Race Slide Spring Screw (2)
2102	224	Tension Disc (2)
1560C	224	Tension Regulating Thumb Nut
4369	355	Tension Releaser
2269	226	Tension Releaser Hinge Pin

PARTS FOR MACHINE NO. 16-81

No.	Plate	Name
600C	224	Tension Screw Stud
16202	-----	Tension Screw Stud 600C with 1560C
448AL	224	Tension Screw Stud Set Screw
2103	224	Tension Spring
2105	224	Tension Thread Guard
56866	-----	Tension complete, Nos. 2103, 16202, 56849 and two 2102
2112	221	Thread Retaining Disc with 2113
2113	221	Thread Retaining Disc Steady Pin
2114	221	Thread Retaining Spring
2115	221	Thread Retaining Stud
460AL	237	Thread Retaining Stud Set Screw
2111	221	Thread Retainer Guide complete, Nos. 2112, 2114 and 2115
4285	306	Thread Take-up Cam with 446AL
3012	297	Thread Take-up Cam Pin
446AL	312	Thread Take-up Cam Set Screw
5954	6275	Thread Take-up Lever with 1819
1088C	6278	Thread Take-up Lever Hinge Screw
1819	307	Thread Take-up Lever Roller and Stud
56849	6278	Thread Take-up Spring
2127	221	Thread Take-up Spring Regulator Plate
233J	237	Thread Take-up Spring Regulator Plate Ad- justing Screw
56854	6277	Throat Plate
691F	312	Throat Plate Screw (2)
5976	-----	Drip Pan (power table) with four wood screws 5/8 in. No. 5

## ACCESSORIES

No.	Plate	Name
27136	658	Machine Button with wood screws 1 1/2 in. No. 14 R.H.B.
12361	772	Machine Hinge Connection (2)
41400	1773	Machine Rest Pin (wood)
120342	413	Oiler (copper plated) with 120343
120343	413	Oiler Spout, 3 1/2 in. long
26026	358	Screw Driver (machine)
26485	358	Screw Driver (shuttle tension)
4347	358	Wrench for 1513 and 1518

### BOBBIN WINDER (Tight Wheel)

Complete No. 5528

5522	310	Frame
2460	310	Friction Ring (rubber)
2461	310	Pulley
5529	310	Spindle
5530	-----	Spindle 5529 with 2461
2464	310	Spring
5528	310	Bobbin Winder complete, Nos. 2460, 5522 and 5530
46D	238	Bobbin Winder Hinge Screw

### KNEE LIFTER PARTS

5596	313	Bell Crank
56848	-----	Bell Crank 5596 with 5599 and 5601
5599	313	Bell Crank Bracket
178E	237	Bell Crank Bracket Screw (2)
5601	296	Bell Crank Hinge Pin
5735	6228	Bell Crank Spring

## KNEE LIFTER PARTS

No.	Plate	Name
5598	313	Bell Crank complete, Nos. 5735 and 56848
5607	313	Lifting Lever
5614	313	Lifting Lever Connecting Rod
802D	6229	Lifting Lever Hinge Screw
5608	259	Presser Bar Lifting Bracket with 453AL
453AL	237	Presser Bar Lifting Bracket Set Screw
2763	6225	Rock Shaft
12242	6225	Rock Shaft Hanger with two wood screws 1 in. No. 10
2765	6225	Rock Shaft Knee Arm with 1509E
2766	6225	Rock Shaft Knee Arm Hub with 356C
356C	238	Rock Shaft Knee Arm Hub Set Screw
1509E	151	Rock Shaft Knee Arm Lock Nut
2768	-----	Rock Shaft Knee Arm complete, Nos. 2765, 2766 and 2767
2767	6225	Rock Shaft Knee Plate with 356C
356C	238	Rock Shaft Knee Plate Set Screw
6337	6225	Rock Shaft Lifting Bracket with two 356C
2778	6225	Rock Shaft Lifting Bracket Hook
356C	238	Rock Shaft Lifting Bracket Hook Set Screw
356C	238	Rock Shaft Lifting Bracket Set Screw
2770	6225	Rock Shaft Stop Dog with 140219C
140219C	26C	Rock Shaft Stop Dog Set Screw
2777	6225	Rock Shaft complete, Nos. 2763, 2768, 2770, 2778, 6337 and two 12242