Cincor	11 1	Sincer	11 11
Singer		Singer	
Singer	11-2	Singer	11-15
Singer	11-3	Singer	11-16
Singer	11-4	Singer	11-17
Singer	11-5	Singer	11-18
Singer	11-6	Singer	11-19
Singer	11-7	Singer	11-20
Singer	11-8	Singer	11-21
Singer	11-9	Singer	11-22
Singer	11-11	Singer	11-23
Singer	11-12	Singer	11-24
Singer	11-13	Singer	11-25
	Singer	11-26	

Form 8215 Supersedes Form 7513 April, 1915 Printed in U. S. A.

> LIST OF

# PARTS



# MACHINES Nos. 11-1 to 11-9 and 11-11 to 11-26

THE SINGER MANUFACTURING COMPANY

# INSTRUCTIONS FOR OILING

To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold only by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 8261.

"TYPE D" OIL is stainless.

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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 and Plated.

B. Polished and Plated.

C. Hardened only,

D. Polished only.

E. Soft, not Polished.

F. Hardened and Polished.

G. H. Blued.

J. Plated only.

- K. Hardened and Plated.
- L. Brass or Gilt.
- M. Oxidized.

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 and 50001 to 51500 are Screw Numbers.

1501 to 1800 are Nut Numbers.

1801 to 2000 are Roller Numbers.

2001 to 50000 and 52001 and upward are numbers of Machine 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.

#### LIST OF PARTS COMPLETE

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FOR

### **MACHINE NO. 11-1**

#### FOR LEATHER, DROP FEED ACROSS THE ARM

#### OBSOLETE

NO. PLATE	NAME
*11951	Arm with 65p and 14710
8702  1828	" Dowel Pin
338E 1853	" Screw
14539 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " " Set Screw
6804 $1804$	" " Gear with 453c
2117 1828	"" " Pin
453c 1824	" " " Set Screw
144d 1852	" " Screw
14710 1862	" Side Cover
65d 1851	" " " Hinge Screw
11957  1801	" " Wheel with two 446c
446c 1852	""""Set Screw
$6805 \cdot 1804$	""""Shaft
6806 1804	""""Gear with 453c
2117 1828	""""" " " Pin
453c 1824	""""Set Screw
144р 1852	""" " Screw
8708 1828	" Spool Pin
11241  1863	""" " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
14540  1802	Crank Connecting Rod with 14541 and
	two 145E
*14541	Crank Connecting Rod Cap
145E 1852	" " " Screw
565c 1851	" " Hinge Screw
1513E 1824	. " " " " Nut
*14626	Cylinder, 3½ in. diam
3032 1803	Feed Cam with 446c.
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	ringe Screw
1518E 1813	"""""""Nut
14544 1842	" Dog (left of needle)

NO. PLATE	NAME
11966 1830	Feed Dog (right of needle)
11967 1813	" " Carrier
792c 1813	" " Screw
11969 1802	" Forked Connection
372c 1851	" " " Hinge Screw
	(lower)
375c 1813	Feed Forked Connection Hinge Screw
	(upper)
1518E 1813	Feed Forked Connection Hinge Screw
	Nut
11970 1813	Feed Regulator
58e 1813	" " Hinge Screw
283d 1813	" " Thumb Screw
11971 1801	" Rock Shaft
11972	Feed Rock Shaft complete, Nos. 11971
	and 11974
4448 1828	Feed Rock Shaft Back Bearing Oil Tube.
11974 1803	" " Crank with 453c
2117 1828	" " " Pin,
453c 1824	""""Set Screw
11975 1805	Needle Bar
11976 1814	" " Connecting Link
375c 1813	" " " Hinge Screw
1518E 1813	
	Nut
14547 1814	Needle Bar Connecting Stud with two
	453c
453c 1824	Needle Bar Connecting Stud Set Screw
$258 \pm 1854$	" " Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680d 1855	" " Thumb Screw
11497 $1857$	Oil Cup
11917 1857	" " Cover
9084 1828	" " " Hinge Pin
2205 1825	" " Latch Spring
207f 1852	""" " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F

.

NO. PLATE	NAME
135p 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
12090 $180411164$ $1804$	" " Hinge Pin
435c 1852	.« " " " " Set
435C 1854	Screw
11105 1000	Oscillating Rock Shaft Oil Pad
11165 1826	" Shaft
14548 1800	" " Crank
	Utalik
13416 1824	Oscillating Shaft Crank complete, Nos.
	453c, 1513E, 5868 and 13324
2117 1828	Oscillating Shaft Crank Pin
453c 1824	Det Detew
9119 1824	Dirde Dioon
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 190p, 1054c, 5968 and 9119.
190d 1824	Oscillating Shaft Crank Slide Block Cap
	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
	Stud
1513e 1824	Oscillating Shaft Crank Slide Block Screw
	Stud Nut
11986 1805	Presser Bar
11988 1809	" " Guide Bracket with 1750 and
	446c
175d 1852	Presser Bar Guide Bracket Adjusting
	Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164d 1852	Presser Bar Guide Bracket Guide Screw.
446c 1852	" " Set Screw
11990 1806	" " Lifter
685d 1851	" " " Hinge Screw
7393 1828	" " Stop Pin
$258 \pm 1854$	" " Screw Bushing
11991 1805	" " Spring
14550 1842	" Foot (left of needle)
14549 1840	" (right of needle)
176p 1852	" " Screw
$252 \ge 1854$	Pressure Regulating Thumb Screw
1899 1840	Roller, 1¼ in., with 634D and 1528D
11994 1840	" Arm for 11992
14551 1842	"""14553
440F 1852	" " Adjusting Screw
1547p 1854	" " " " Nut
11995 1840	" " Bracket for 11992
1000 1010	

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NO. PLATE	NAME
14552 1842	Roller Arm Bracket for 14553
316F 1852	" " Screw Centre
1547D 1854	Berew Centre
2205 1825	Nut
	Lock Spring.
	1001ew
634D 1840	" Screw
1528d 1854 14553 1842	INUU
14000 1842	Roller Presser (left of needle) 1 <sup>1</sup> / <sub>4</sub> in. roller, complete, Nos. 207r, 440r, 1899, 2205, 14551, 14552, two 316F and three 1547p
11992 1840	Roller Presser (right of needle) 1¼ in. roller, complete, Nos. 207F, 440F, 1899, 2205, 11994, 11995, two 316F and three
170- 1050	1547p
176p 1852 14535 1821	Roller Presser Screw.
14535 $182112093$ $1820$	Shuttle Bobbin
12093 1820	Cymnuer
12000 1819	" " Hinge Pin
2027 1821	" " Latch
2027 1821 11854 1821	" " Pin
	spring
590E 1821	berew
12094 1820	<b>r</b> rame
773c 1820 12095 1820	rension negutating belew
12095 1820	" " Spring
12092 1820	Shuttle (cylinder) 2 <sup>1</sup> / <sub>2</sub> in. diam., complete,
	Nos. 590E, 773c, 2027, 11854, 12000,
10004 1001	12001, 12093 to 12095 and 14535 Shuttle Driver and Feed Lifting Cam
$\begin{array}{rrrr} 12006 & 1821 \\ 2049 & 1828 \end{array}$	
14554 1818	r m
141c 1852	" Race
12008 1814	DUCW
12008 1814 1900 1824	Tension Bracket
8879 1827	" " Screw " Friction Washer (cloth)
11423 1826	" " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1854	" " " " Washer
411p 1855	" Screw Stud
11422 1827	" Spring
11422 1827 11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411D,
11920	1560c, 8905, 11044, 11422, 11423 and
	two 8879
11424 1829	Thread Eyelet (front of arm)
11950 1829	" " (side of arm) for 11041
11900 1029	(side of arm) for 11041

#### PARTS FOR MACHINE NO. 11-1

NO. PLATE	NAME
2102 1827	Thread Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	" " " " " "
	Washer
686р 1855	Thread Retaining Screw Stud.
2103 1827	" " Spring
11041	Thread Retainer complete, Nos. 6860,
	1560c, 2103, 8905 and two 2102
12014 1808	Thread Take-up Cam with two 435c
3012 1828	" " " Pin
$435c \ 1852$	" " " Set Screw
12016 1807	" " Lever with 1995
567d 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
$11052 \ 1827$	Thread Take-up Spring
11431  1827	" " Regulator Plate
190д 1824	~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~
	Adjusting Screw
12010 —	Throat Plate Body
12012  1830	" " Needle Hole Plate
237р 1851	" " " " Serew
12011 1830	Throat Plate complete for 11966, Nos.
	237D, 12010 and 12012
12076	Throat Plate Body
14627 1878	Needle Hole Strip
401d 1851	Screw
14628 1878	Throat Plate complete for 14544, Nos.
100- 1004	12076, 14627 and two 401p
190d 1824	Throat Plate Screw

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

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NO. PL	ATE			N	AME			
446c 1	852	Feed	Cam	Set	Screw.			
3033 1	813	"	Conn	ecti	ng Link			
375c 1		"		"	"	Hine	e Screw	,
1518E 1		"		"	"		"	Nut.
	834	"	Dog.					
	825	"	"	Adiu	sting H	Piece.		
	813	"	"		"	"	Carrier.	
792c 1		"	"		1 <b>6</b>		Screw	
	812	"	"	Slide				
	825	"						
190p 1		**	"	- <i></i>				
	802	"	Forke	ed C	onnect	ion		
	851	"	"		"	H	linge S	cre
	· · ·	(lo	wer)					
375c 1	813	Feed	Fork	ced	Conne	ction	Hinge	Scre
1518e 1	813						Hinge	
11970 1	813							
58E 1	813	"					w	
283d 1	813	"	4	"				
11971 1	801	44	Rock	Sha				
11972 ~		Feed	Rock	c Sh	aft co	mplet	e, Nos.	1197
		and	l 1197	4				
11974 1	803	Feed	Rock	Sha	ft Crar	ık wit	th 453c.	
2117 1	828	"	"	"	"	Pin	<b></b>	
453c 1	824	"	"	"	**	Set	Screw.	
11975 1	805	Need	le Bai	t				
11976 1	814	"	"	Co			-	
375c 1	813	"	"		"	"	ik Hinge	e Scre
1518e 1	813	"	"		"	"	"	"
		Nu	t					
14547 1	814	Need	le Ba	r C	onnect	ing S	stud wi	th tw
		453	IC					
453c 1	824	Need	le Baı	r Co	nnectin	ig Stu	id Set S	crew.
258e 1	854	"	"					
19702 1	829	"	Cla				nd 1138	
11385 13	825	"	4					
	855	"	"				w	
	857	03.0						
		"					• • • • • • •	
	857	"	" U				• • • • • • •	
	828	"						
	825						g	
	852	"		"	"	"	Screw	
11919 1	829	"	" T	hrea	d Eyele	et		
8953 1	826	" c						

# LIST OF PARTS COMPLETE FOR

# **MACHINE NO. 11-2**

#### FOR LEATHER. DROP FEED UP THE ARM

#### OBSOLETE

NO. PLATE	NAME
*11951	Arm with 65p and 14710
8702 1828	" Dowel Pin
338E 1853	" Screw
11953 1800	" Shaft
11954 1809	" " Bushing
446c 1852	""" Set Screw
6804 1804	" " Gear with 453c
2117 1828	" " " Pin
453c 1824	""" " Set Screw
144d 1852	" " Screw
$14710 \ 1862$	" Side Cover
65D 1851	" " " Hinge Screw
11957 - 1801	" " Wheel with two 446c
446c 1852	""" " Set Screw
6805 1804	""""Shaft
6806 1804	""""Gear with 453c
2117 1828	" " " Pin
453c 1824	" " " " Set Serew
144d 1852	""" " Screw
8708 1828	" Spool Pin
11241  1863	" " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
11963 - 1802	Crank Connecting Rod with 11964 and
	two 158E
*11964	Crank Connecting Rod Cap
$158 \pm 1852$	" " " Screw
372c 1851	" " Hinge Screw
$1518 \pm 1813$	" " " " Nut
*11961	Cylinder, 3½ in. diam
12024 1825	Feed Bell Crank
12025 1825	" " Connecting Link
12026 1825	"""""Stud
$20 \pm 1851$	""" " Screw
11965 1812	" " " Slide
3032  1803	" Cam with 446c

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NO. PLATE	NAME
8482 1826	Oil or Wax Stripper Washer (steel) for
	11387
11918 1825	Oil or Wax Stripper Washer (steel) for 11917
207f 1852	Oil or Wax Stripper Washer Screw
11920 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11387, 11917 to 11919, two 8953 and
	three 207F
135р 1852	Oil Cup Screw
11983 1804	Oscillating Rock Shaft with 197E, 2170,
	11984, 14657 and two 11985
2170 1826	Oscillating Rock Shaft Oil Pad.
197E 1852	" " " " Screw
304c 1852	" " Screw Centre
1513E 1824	"
11984 1815	" " Steel Plate (left).
14657 1815	" " " " (right)
11985 1828	" " " " Rivet.
11979 1800	" Shaft
11981 1824	" " Crank with 453c and
	1807
2117 1828	Oscillating Shaft Crank Pin
1807 1824	" " Roller and Stud
453c 1824	" " " Set Screw
11986 1805	Presser Bar
11988 1809	" " Guide Bracket with 175D and
	446c
175d 1852	Presser Bar Guide Bracket Adjusting Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164D 1852	Presser Bar Guide Bracket Guide Screw.
446c 1852	bet burew
11990 1806	Laiter
685D 1851	ninge Screw
7393 1828	Stop <b>F</b> III
258e 1854	ocrew Dushing
11991 1805	opring
14567 1844	$\mathbf{r}$ oot (left of needle)
176D 1852	SCIEW
252E 1854	Pressure Regulating Thumb Screw
1899 1840	Roller, 1¼ in., with 634D and 1528D
12031 1844	Arm
440F 1852	" " Adjusting Screw
1547D 1854	Nut
12032 1844	Bracket
316F 1852	" " Screw Centre

NO. PLATE	NAME
	Roller Arm Bracket Screw Centre Nut.
1547d 1854	
2205 1825	DOCK Opting.
176b 1852	
1549D 1854	inut
634d 1840	OUTCW
1528b 1854	Nub
12030 1844	Roller Presser, 1¼ in. roller, complete, Nos. 176D, 440F, 1549D, 1899, 2205, 12031, 12032, two 316F and three 1547D
176d 1852	Roller Presser Screw
14535 $1821$	Shuttle Bobbin
12019  1819	" Cylinder
12000  1819	" " Hinge Pin
12020  1819	" " Latch Spring
223d 1819	" " " Screw
12021 1819	" Frame
774c 1821	" Tension Regulating Screw
12022  1819	" " Spring
12018 1819	Shuttle (cylinder) 21/2 in. diam., complete,
	Nos. 223p, 774c, 12000, 12019 to 12022
	and 14535
12023 $1823$	Shuttle Driver and Feed Lifting Cam
2049 - 1828	" " " " " " Pin.
12007 1816	" Race Ring
391c 1851	" " " Screw
12008 1814	Tension Bracket
190d 1824	" " Screw
8879 1827	" Friction Washer (cloth)
11423  1826	" " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer
411d 1855	" Screw Stud
11422  1827	" Spring
11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
11424 $1829$	Thread Eyelet (front of arm)
11950 1829	" (side of arm) for 11041
2102 1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	u u u u u
	Washer
686d 1855	Thread Retaining Screw Stud
2103  1827	" " Spring
11041	Thread Retainer complete, Nos. 686p,
	1560c, 2103, 8905 and two 2102

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NO. PLATE	NAME
12014 1808	Thread Take-up Cam with two 435c
3012 1828	" " Pin
$435c \ 1852$	" " Set Screw
12016 1807	" " Lever with 1995
567р 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518e 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
11052  1827	Thread Take-up Spring
11431  1827	" " " Regulator Plate
190d 1824	ee ee ee ee ee
	Adjusting Screw
12033	Throat Plate Body
12012  1830	" " Needle Hole Plate
237в 1851	" " Serew
12034 1834	Throat Plate complete for 12027, Nos.
	237b, 12012 and 12033
$190 d \ 1824$	Throat Plate Screw

### LIST OF PARTS COMPLETE FOR

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# MACHINE NO. 11-3

#### FOR LEATHER. DROP FEED ACROSS THE ARM. HAS Alternating pressers

#### OBSOLETE

NO. PLATE	NAME
*12036	Arm with 65D and 14710
8702 1828	" Dowel Pin
338т 1853	" Screw
12085 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " " Set Screw
6804 $1804$	" " Gear with 453c
2117 1828	" " " Pin
453c 1824	" " " Set Screw
144р 1852	" " Screw
14710 1862	" Side Cover
65d 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
$446c \ 1852$	" " " Set Screw
6805 1804	""""Shaft
6806 - 1804	""""Gear with 453c
2117 1828	"""""Pin
453c $1824$	"""""Set Screw
144 <b>p</b> 1852	""""Screw
8708 1828	" Spool Pin
11241 1863	" " Washer (cloth)per 100
11960  1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
12096 1802	Crank Connecting Rod with 14541 and
	two 145E
*14541	Crank Connecting Rod Cap
$145 \pm 1852$	" " " Screw
565c 1851	" " Hinge Screw
$1513 \pm 1824$	" " " " " Nut
*14629	Cylinder, 3½ in. diam
3032  1803	Feed Cam with 446c
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518e 1813	""""""Nut

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NO. PLATE	NAME
14512 1839	Feed Dog.
11967 1813	" " Carrier
792c 1813	" " Screw
12097 1802	" Forked Connection
372c 1851	" " " Hinge Screw
0120 1001	(lower)
375c 1813	Feed Forked Connection Hinge Screw
0100 1010	(upper)
1518e 1813	Feed Forked Connection Hinge Screw
10104 1010	Nut
12091 1813	Feed Regulator
58E 1813	" " Hinge Screw
254p 1813	" " Thumb Screw
12087 1801	" Rock Shaft
14630	Feed Rock Shaft complete, Nos. 12087
11000	and 14631
4448 1828	Feed Rock Shaft Back Bearing Oil Tube.
14631 1803	" " Crank with 453c
2117 1828	" " " " Pin
453c 1824	" " " " Set Screw
11475 1805	Lifting Presser Bar.
11476 1810	" " " Bell Crank
166p 1855	" " " " Hinge Cap
1002 1000	Screw
1851 1851	Lifting Presser Bar Bell Crank Lifting
	Roller with 610b
610p 1852	Lifting Presser Bar Bell Crank Lifting
	Roller Screw
1518E 1813	Lifting Presser Bar Bell Crank Lifting
	Roller Screw Nut
2718 1826	Lifting Presser Bar Bell Crank Lifting
	Roller Screw Nut Washer
11478 1810	Lifting Presser Bar Bracket with two 145F
145f 1852	" " " Clamping
	Screw
11909 1806	Lifting Presser Bar Lifter with 8761 and
	8763
8760 1826	Lifting Presser Bar Lifter Friction Washer
16d 1851	" " " Hinge Screw
8761 1828	" " " Stop Pin
11907 1806	" " Lifting Link
166р 1855	"""" Сар
	Screw
8763 1828	Lifting Presser Bar Lifting Link Hinge
	Stud
7958 1828	Lifting Presser Bar Lifting Link Hinge
	Stud Pin

#### PARTS FOR MACHINE NO. 11-3

NO. PLATE	NAME
8765 1826	Lifting Presser Bar Lifting Link Hinge
	Stud Washer
11479 1810	Lifting Presser Bar Rock Shaft
11480 1810	" " " " Adjusting
	Arm with 1900
2117 1828	Lifting Presser Bar Rock Shaft Adjusting
	Arm Pin
190d 1824 <sup>°</sup>	Lifting Presser Bar Rock Shaft Adjusting
11481 1810	Arm Set Screw Lifting Presser Bar Rock Shaft Bracket
$\frac{11481}{2002}  \frac{1810}{1828}$	Litting Fresser Bar Rock Shart Bracket
2002 1828	Dowel Pin (lower)
4389 1828	Lifting Presser Bar Rock Shaft Bracket
1000 1000	Dowel Pin (upper)
123E 1852	Lifting Presser Bar Rock Shaft Bracket
	Screw
11484 1810	Lifting Presser Bar Rock Shaft Crank
	with 453c and 1850
2117 1828	Lifting Presser Bar Rock Shaft Crank
	Pin
1850 1854	Lifting Presser Bar Rock Shaft Crank
453c 1824	Roller and Stud. Lifting Presser Bar Rock Shaft Crank Set
4050 1824	Screw
11486 1810	Lifting Presser Bar Rock Shaft Eccentric
11100 1010	Strap with two each 141F and 1528D
141f 1852	Lifting Presser Bar Rock Shaft Eccentric
	Strap Adjusting Screw
1528d 1854	Lifting Presser Bar Rock Shaft Eccentric
	Strap Adjusting Screw Nut
608c 1851	Lifting Presser Bar Rock Shaft Eccentric
1 210 1010	Strap Hinge Screw
1518E 1813	Lifting Presser Bar Rock Shaft Eccentric
11487 1825	Strap Hinge Screw Nut Lifting Presser Bar Rock Shaft Eccentric
11407 1020	Strap Hinge Screw Slide
11488 1826	Lifting Presser Bar Rock Shaft Eccentric
1,100 1010	Strap Hinge Screw Slide Washer
258e 1854	Lifting Presser Bar Screw Bushing
11489 1810	" " Sleeve (lower)
11490 1810	""""(upper)
11491	""""11490
11400 4007	with 11492
11492 1825	Lifting Presser Bar Sleeve (upper) Cap
$\frac{11493}{11494}  \frac{1801}{1810}$	" " " Spring (flat) " " " Bracket
11494 1810 138E 1101	" " " Bracket
1005 1101	Screw.

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NO. PLATE	NAME
11495 1829	Lifting Presser Bar Spring Bracket Thread
11130 1023	Evelet
190 <b>p</b> 1824	Lifting Presser Bar Spring Bracket Thread
1000 1021	Eyelet Screw
2002 1828	Lifting Presser Bar Spring Guide Pin
14538 1839	" " Foot with 211F
2049 1828	" " " Pin
2049 1828 211F 1852	" " Set Screw
11380 1805	Det Durew
11381 1814	Needle Bar           " " Connecting Link
566c 1851	" " " " Hinge Screw
1513E 1824	" " " " " "
1913E 1824	
11909 1014	Nut.
11383 1814	Needle Bar Connecting Stud with two
445. 1050	
445c 1852	Needle Bar Connecting Stud Set Screw.
258e 1854	
19702 1829	Champ with 0000 and 11565
11385 1825	GID
680p 1855	Thund belew
11497 1857	Oil Cup
$11917 \ 1857$	Coversions
9084 1828	Truge I m
2205 1825	Laten Spring
207f 1852	BCrew
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207 F 1852	Oil or Wax Stripper Washer Screw
$11921 \ 1857$	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
135d 1852	Oil Cup Screw
12090 $1804$	Oscillating Rock Shaft with 11165
$11164 \ 1804$	" " " Hinge Pin
435c 1852	""" " Set
	Screw
$11165 \ 1826$	Oscillating Rock Shaft Oil Pad
14632 1800	" Shaft
12088	" " Crank
14633 1823	Oscillating Shaft Crank complete, Nos.
	453c, 1513E, 5868 and 12088
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " Set Screw

#### PARTS FOR MACHINE NO. 11-3

NO. PLATE	NAME
9119 1824	Oscillating Shaft Crank Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 1900, 1054c, 5968 and 9119.
190n 1824	Oscillating Shaft Crank Slide Block Cap
1005 1011	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
0000 1051	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
	Stud Nut.
609p 1855	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
12093 1820	" Cylinder
12000 1819	" " Hinge Pin
12001 1821	" " Latch
2027 1821	" " " Pin
11854 1821	" " " Spring
590E 1821	" " " Screw
12094 1820	" Frame
773c 1820	" Tension Regulating Screw
12095 1820	" " Spring
12092 1820	Shuttle (cylinder) 2½ in. diam., complete,
	Nos. 590E, 773c, 2027, 11854, 12000,
	12001, 12093 to 12095 and 14535
12006 1821	Shuttle Driver and Feed Lifting Cam
2049 1828	""""""""Pin.
14554 $1818$	" Race
141c 1852	" " Screw
11502  1809	Tension Bracket and Vibrating Presser
	Bar Cap with 11424
11501	Tension Bracket and Vibrating Presser
	Bar Cap complete, Nos. 122D, 9525,
	11502, 11506, 11936, 11937, 12042 and
	two 190d
159F 1852	Tension Bracket and Vibrating Presser
	Bar Cap Screw (left)
145f 1852	Tension Bracket and Vibrating Presser
	Bar Cap Screw (right)
8879 1827	Tension Friction Washer (cloth)
11423 1826	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " " Washer
607d 1855	" Screw Stud
122d 1852	" " Clamping Screw
8791 1827	" Spring
11044 1827	" Wheel

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NO. PLATE	NAME
12042 —	Tension (wheel) complete, Nos. 607p,
1001-	1560c, 8791, 8905, 11044, 11423 and two
	8879
11424 1829	Thread Eyelet (front of arm) for 11502
11950  1829	" " (side of arm) for 11503
2102  1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	ce ce ce ce ce
	Washer
606p 1855	Thread Retaining Screw Stud
.2103 $1827$	" " Spring
11503	Thread Retainer complete, Nos. 606D,
	1560c, 2103, 8905 and two 2102
12044 1808	Thread Take-up Cam with two 434c
8873 1828	" " " Pin
434c 1852	" " Set Screw
11845 1807	" " Lever with 1995
567р 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
11506 1827	Thread Take-up Spring
11936 1827	" " Regulator Plate
190d 1824	66 66 66 66 66
	Adjusting Screw
11937 1829	Thread Take-up Spring Staple
9525 1826	washer
14634	Throat Plate Body
14514 1879	" " Needle Hole Strip, round
	needle hole
401ø 1851	Throat Plate Needle Hole Strip Screw
· 14515 1879	Throat Plate complete for 14512, Nos.
	14514, 14634 and two 401D
14634	Throat Plate Body
12047 1836	" " Needle Hole Strip, oblong
	needle hole
401ь 1851	Throat Plate Needle Hole Strip Screw
14635 1839	Throat Plate complete for 14512, Nos.
	12047, 14634 and two 401p
190d 1824	Throat Plate Screw
11508 1809	Vibrating Presser Bar
11509 1826	" " Cushion (rawhide)
233d 1852	" " " Screw
14601 1810	" " Hinge Bracket with
	145F

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#### PARTS FOR MACHINE NO. 11-3

#### NO. PLATE NAME 145F 1852 Vibrating Presser Bar Hinge Bracket Adjusting Screw 164b 1852 Vibrating Presser Bar Hinge Cap Screw . . . . . . . 41544 1826 Washer..... 115121825Vibrating Presser Bar Spring.119391829"""Adjusting Staple..... 1900 1824 Vibrating Presser Bar Spring Adjusting Staple Screw..... 223D 1819 Vibrating Presser Bar Spring Screw..... " " Foot..... 11513 1839 " " Screw ..... 191c 1852 "

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NO. PLA	ГE	NA	AME			
14512 18	39 Feed	l Dog				
11967 18						
792c 18	13 "	" Screw				
12097 - 18	02 "	Forked Co	onnect	ion		
372c 18		**	"	Hin	ige S	crew
	(le	ower)	• • • • • •			
375c 18	13 Feed	i Forked	Conne	ction ]	Hinge	Screw
	(u	pper)				
1518e 18		I Forked				
		ut				
12091 18		l Regulator				
58e 18		"	0	e Screw.		
254d 18		"		hb Screy		
12087 18		Rock Shaf				
14630 -		d Rock Sha				
		nd 14631				
4448 18		l Rock Shaf	ft Bacl	k Beari	ng Oil	Tube.
14631 18			Crai	nk with	453c.	
2117 18			"	Pin	- · · · · ·	
453c 18		** **				
11402 18	-	ing Presser	Bar.			
12048 18		"	_" B€	ell Cran	k with	1518е,
		328 and 271				
8d 18		ing Presser				
1000 10		erew				
1828 18		ing Presser				
. 970 10		ith 372c ing Presser				
372c 18						
1518e 18	10 T 34	erew ing Presser	 Bon	Roll (	monle	Pollon
19196 19		rew Nut.				
2718 18		ing Presser				
2/18 18		rew Nut W				
14586 18	.09 Lift	ing Presser	Bar (	Guide I	Bracks	••••• • with
14000 10	1/	59d, 453c ar	201 A60	n naci	DIACKU	0 WICH
159р 18		ing Presser 1				
1000 10	in 10	ig Screw	Dar Gi	inde 171	LOROU I	iajust-
11405 18	.07 Lift	ing Presser	Bar G	huide B	racket	Guide
381p 18		"	44	4	"	"
0010 10		crew				
453c 18		ing Presser				
		crew				
11909 18	06 Lift	ing Presser	Bar I	ifter w	ith 876	31 and
		763				
8760 18	26 Lift	ing Presser	Bar Li			
16d 18			"	" Hi	nge Scr	
8761 18	28 "		"		op Pin.	

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## LIST OF PARTS COMPLETE

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# MACHINE NO. 11-4

#### FOR LEATHER. DROP FEED ACROSS THE ARM. Has vibrating presser

#### OBSOLETE

NO. PLATE	NAME
*14636	Arm with 65p and 14710
8702 1828	" Dowel Pin
338E 1853	" Screw
12085 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " " Set Screw
6804 1804	" " Gear with 453c
2117 1828	"""Pin
453c 1824	" " " Set Screw
144n 1852	" " Screw
14710 $1862$	" Side Cover
65р 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
446c 1852	""""Set Screw
6805 1804	" " " Shaft
6806 1804	"""""Gear with 453c
2117 1828	"""""Pin
453c 1824	""""Set Screw
144р 1852	""""Screw
8708 1828	" Spool Pin
11241 1863	" " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
12096 1802	Crank Connecting Rod with 14541 and
	two 145E
*14541	Crank Connecting Rod Cap
145E 1852	" " Screw
565c 1851	" " Hinge Screw
1513E 1824	" " " " " Nut
*14629	Cylinder, 3½ in. diam
3032 1803	Feed Cam with 446c
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518E 1813	" " " " Nut

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NO. PLATE	NAME
11906 1806	Lifting Presser Bar Lifting Link
353c 1854	" " " " " Cap
	Screw
8763 1828	Lifting Presser Bar Lifting Link Hinge
	Stud
7958 1828	Lifting Presser Bar Lifting Link Hinge
	Stud Pin.
8765 1826	Lifting Presser Bar Lifting Link Hinge
	Stud Washer
258e 1854	Lifting Presser Bar Screw Bushing
11409 1805	SULUB:
11465 1815	Diacket whit
050. 1054	353c
353c 1854	Lifting Presser Bar Spring Bracket Set
11466 1826	Screw.
11400 1820	Lifting Presser Bar Spring Bracket Set
11380 1805	Screw Washer
11381 1814	Needle Bar " " Connecting Link
566c 1851	Gonnecting Link
1513E 1824	" " " Hinge Screw
1010E 1024	Nut
11383 1814	Needle Bar Connecting Stud with two
11000 1014	445c
445c 1852	Needle Bar Connecting Stud Set Screw.
258e 1854	" " Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680d 1855	" " Thumb Screw
11497 1857	Oil Cup
11917 1857	" " Cover
9084 1828	" " " Hinge Pin
2205 1825	" " " Latch Spring " " " Screw
207f 1852	""" Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " Washer (steel) for 11497
	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207f 1852	Oil or Wax Stripper Washer Screw
$11921 \ 1857$	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
135d 1852	Oil Cup Screw
19000 1904	Oscillating Dool Shaft with 11165

 12090
 1804
 Oscillating Rock Shaft with 11165.....

 11164
 1804
 " " Hinge Pin......

#### PARTS FOR MACHINE NO. 11-4

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NO. PLATE	NAME
435c 1852	Oscillating Rock Shaft Hinge Pin Set
	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14632 1800	" Shaft
12088	" " Crank
14633 1823	Oscillating Shaft Crank complete, Nos.
	453c, 1513E, 5868 and 12088
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " " Set Screw
9119 1824	" " Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 190p, 1054c, 5968 and 9119.
190d 1824	Oscillating Shaft Crank Slide Block Cap
	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
0.50 1051	Stud Nut.
252E 1854	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
12093 1820	Oyunuer
12000 1819	minge r m
12001 1821	Laten
2027 1821 11854 1821	ГШ
11001 1011	" " Spring " " " Screw
590E 1821	" Eromo
12094 1820 773c 1820	<b>Frame</b>
	rension negulating belew
	Spring
12092 1820	Shuttle (cylinder) 21/2 in. diam., complete,
	Nos. 590E, 773c, 2027, 11854, 12000,
12006 1821	12001, 12093 to 12095 and 14535 Shuttle Driver and Feed Lifting Cam
2049 1828	" " " " " " "
2019 1020	Pin
14554 1818	Shuttle Race
141c 1852	" " Screw
11421 1814	Tension Bracket
190b 1824	" " Screw
8879 1827	" Friction Washer (cloth)
11423 1826	" " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " " Washer.
411p 1855	" Screw Stud
11422 1827	" Spring
	~pB

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NO. PLATE	NAME
11044 1827	Tension Wheel
11420	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
11950 1829	Thread Eyelet
2102 1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	""""""
	Washer
606d 1855	Thread Retaining Screw Stud
2103 1827	" " Spring
11503	Thread Retainer complete, Nos. 606D,
	1560c, 2103, 8905 and two 2102
12050 1808	Thread Take-up Cam with two 434c
8873 $1828$	" " Pin
434c 1852	" " Set Screw
11845 1807	" " Lever with 1995
567р 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518e 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
11052 1827	Thread Take-up Spring
11431 1827	" " " Regulator Plate
190d 1824	
	Adjusting Screw
14634	Throat Plate Body
14514 1879	" " Needle Hole Strip, round
	needle hole
401d 1851	Throat Plate Needle Hole Strip Screw
14515 1879	Throat Plate complete for 14512, Nos.
	14514, 14634 and two 401p
14634 —	Throat Plate Body
12047 1836	" " Needle Hole Strip, oblong
	needle hole
401d 1851	Throat Plate Needle Hole Strip Screw
14635 1839	Throat Plate complete for 14512, Nos.
	12047, 14634 and two 401p
190d 1824	Throat Plate Screw
14592 1809	Vibrating Presser Bar
14593 1809	Guide Dracket with
	448c
14594	Vibrating Presser Bar Guide Bracket
	complete, Nos. 231c, 11472, 14593,
14505 1000	14595 and two 190b
14595 1809	Vibrating Presser Bar Guide Bracket
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#### PARTS FOR MACHINE NO. 11-4

NO. I	PLATE		NAM	Ð			
190ъ	1824	Vibrating Cap Sere					
2117	1828	Vibrating	Presser	Ba	r Gu	ide	Bracket
448c	1852		Presser	Ba	r Gu	ide	Bracket
14596	1828	Set Scre Vibrating					
460c	1852	**	"	"		"	Set Screw
11471	1829	**	44	" 8	pring.		<b></b>
11472	1829	"	"	"		Βr	acket
231c	1852	"	"	"	"		"
		Screw					<b></b>
14597	1843	Vibrating	Presser 1	Foot			
898d	1852	"	**				<b></b>
1547 р	1854	"	"	"	"		t

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

# MACHINE NO. 11-5

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#### FOR CLOTH. DROP FEED UP THE ARM

#### OBSOLETE

#### This Machine is the same as No. 11-2 with the following exceptions:

NO.	PLATE	NAME
12051	1833	Feed Dog, in place of 12027
12052	1833	Presser Foot, in place of 12030 and 14567.
12053		Throat Plate Body, in place of 12033
12055	1833	" " Needle Hole Plate, in place
		of 12012
12054	1833	Throat Plate complete for 12051, Nos.
		237D, 12053 and 12055, in place of
		12034

## MACHINE NO. 11-6

#### FOR CLOTH. DROP FEED ACROSS THE ARM. HAS ALTERNATING PRESSERS AND FOOT LIFTER

#### OBSOLETE

#### This Machine is the same as No. 11-3 with the following exceptions :

NO.	PLATE	NAME
12039	1841	Feed Dog (double) in place of 14512
12045		Throat Plate Body, in place of 14634
12046	1836	Throat Plate complete for 12039, Nos.
		12045, 12047 and two 401D, in place of
		14635
14513		Throat Plate complete for 12039, Nos.
		12045, 14514 and two 401p, in place of
		14515
12099	1836	Vibrating Presser Foot, in place of 11513.

# LIST OF PARTS COMPLETE

## MACHINE NO. 11-7

# FOR CLOTH OR LEATHER. DROP FEED UP THE ARM; $\frac{1}{2}$ IN. STITCH OR LESS

#### OBSOLETE

NO. PLATE	NAME
*11951	Arm with 65D and 14710
8702 1828	" Dowel Pin
338e 1853	" Screw
11953 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " Set Screw
6804 1804	" " Gear with 453c
2117 1828	"""Pin
453c 1824	" " " Set Screw
144d 1852	" " Screw
14710 1862	" Side Cover
65d 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
$446c \ 1852$	" " " Set Screw
6805 1804	""""Shaft
6806 $1804$	""""Gear with 453c
2117 1828	""" " " Pin
453c 1824	"""""Set Screw
144d 1852	" " " Screw
8708 1828	" Spool Pin
11241 1863	" " " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
12057  1802	Crank Connecting Rod with 12058 and
	two 158E
*12058 —	Crank Connecting Rod Cap
158E 1852	Dulew
372c 1851	ninge Screw
1518E 1813	nut
*12056	Cylinder, 3½ in. diam
11965 1812	Feed Bell Crank Slide
3032 1803	Cam with 4400
446c 1852	Det Ocrew
3033 1813	Connecting Link
375c 1813	" " Hinge Screw

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NO. PLATE	NAME
1518E 1813	Feed Connecting Link Hinge Screw Nut.
12059 1835	
190ь 1824	" " Serew
12061 1812	" " Slide
12062 1802	" Forked Connection
375c 1813	" " Hinge Screw
1518E 1813	" " " " " Nut
6132 1813	" " " Universal Joint
212c 1813	
	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
	Hinge Screw
11970 1813	Feed Regulator
58e 1813	
283o 1813	" " Thumb Screw
12063 - 1803	
6167 1803	
2117 1828	
453c 1824	
$304c \ 1852$	
1513e 1824	
12064 1801	· · · · · · · · · · · · · · · · · · ·
23c 1851	
14507 1825	
792c 1813	) DCIEW
12060 1825	opring
207ь 1852	5 DELEW
11975 1805	
11976 1814	· · · · · · · · · · · · · · · · · · ·
375c 1813	) Imge buew
1518E 1813	Nut
14547 1814	
14041 1014	453c
453c 1824	
258E 1854	
19702 1829	
11385 1823	- · · ·
680p 1858	
11387 1857	,
	-
11917 1857	Cover
9084 1828	S " " Hinge Pin
2205 1823	b Laten opring
207f 1853	Z Burew
11919 1829	5
8953 1820	6 " or Wax Stripper (felt)
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#### PARTS FOR MACHINE NO. 11-7

NO. PLATE	NAME
8482 1826	Oil or Wax Stripper Washer (steel) for 11387
11918 1825	Oil or Wax Stripper Washer (steel) for
11916 1625	11917
207f 1852	Oil or Wax Stripper Washer Screw
11920 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
11020 1007	11387, 11917 to 11919, two 8953 and
	three 207F
135d 1852	Oil Cup Screw.
11983 1804	Oscillating Rock Shaft with 197E, 2170,
1000	11984, 14657 and two 11985
2170 1826	Oscillating Rock Shaft Oil Pad
197E 1852	" " " " Screw
304c 1852	" " Screw Centre
$1513 \pm 1824$	" " " " " Nut.
11984 1815	" " Steel Plate (left)
14657 1815	" " " " " (right)
11985 1828	" " " " Rivet,
14639 $1800$	" Shaft
11981 1824	" " Crank with 453c and
	1807
2117 1828	Oscillating Shaft Crank Pin
1807 1824	" " " Roller and Stud
453c 1824	" " Set Screw
11986 1805	Presser Bar
11988 1809	" " Guide Bracket with 175D and
	446c
175d $1852$	Presser Bar Guide Bracket Adjusting
	Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164р 1852	Presser Bar Guide Bracket Guide Screw.
$446c \ 1852$	""""Set Screw
11990 1806	" " Lifter
685d 1851	ringe Screw
7393 1828	" " Stop Pin
258e 1854	berew Dusning
11991 1805	opring
12068 1835	<b>FOOD</b>
176d 1852	SCIEW
252e 1854	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
12019 1819	Oyunder
12000 1819	ninge rin
12020 1819	Laten Spring.
223d 1819	Screw
12021 1819	" Frame

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NO. PLATE	NAME
774c 1821	Shuttle Tension Regulating Screw
12022 1819	" " Spring
12018 1819	Shuttle (cylinder) 2½ in. diam., complete,
	Nos. 223D, 774c, 12000, 12019 to 12022
	and 14535
14642 1820	Shuttle Driver and Feed Lifting Cam
2117 1828	"""""""""Pin.
12069 1817	" Race Ring
391c 1851	" " " Screw
12008 1814	Tension Bracket
190d 1824	" " Screw
8879 1827	" Friction Washer (cloth)
11423 1826	" " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer
411d 1855	" Screw Stud
11422 1827	" Spring
11044 1827	w neel.
11420 —	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
11424 1829	two 8879 Thread Eyelet (front of arm)
11424 1829	" (side of arm) for 11041
2102 1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	
0000 1001	Washer
686p 1855	Thread Retaining Screw Stud
2103 1827	" " Spring
11041	Thread Retainer complete, Nos. 686D,
	1560c, 2103, 8905 and two 2102
12014 1808	Thread Take-up Cam with two 435c
3012  1828	" " Pin
435c 1852	" " " Set Screw
12016  1807	" " Lever with 1995
567d 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518e 1813	Thread Take-up Lever Roller and Screw
11050 1005	Stud Nut.
11052 1827	Thread Take-up Spring
11431 1827	" " Regulator Plate
190d 1824	
10070 1005	Adjusting Screw Throat Plate for 12059
12070+ 1835	
190d 1824	" " Screw

### LIST OF PARTS COMPLETE

#### FOR

# **MACHINE NO. 11-8**

# FOR CLOTH. HAS REVERSIBLE DROP FEED. UP OR OFF ARM, STITCH FROM $\frac{1}{28}$ to $\frac{1}{22}$ inch long, s. d. a.

NO. PLATE	NAME
*14643	Arm with 65D, 145D, 159D, 6169 and 14710.
8702 1828	" Dowel Pin
338E 1853	" Screw
14539 1800	" Shaft
11954 1809	" " Bushing
446c 1852	"" " Set Screw
6804 1804	" " Gear with 453c
2117 1828	""" Pin
453c 1824	" " Set Screw
144d 1852	" " Screw
14710 $1862$	" Side Cover
65d 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
446c 1852	" " Set Screw
6805 1804	""""Shaft
6806 1804	""""Gear with 453c
2117 1828	""""""Pin
453c 1824	"""""Set Screw
144d 1852	""""Screw
8708 1828	" Spool Pin
11241  1863	""" " Washer (cloth)per 100
14644 1858	Balance Wheel with two 354c
354c 1101	" " Set Screw
56509 1864	Cloth Plate
14737 1865	" " Bracket with two 345c
345c 1889	" " Set Screw
56511 —	Cloth Plate with Bracket complete, Nos.
,	14737, 56509 and two 389F
389F 1851	Cloth Plate Screw
14540 1802	Crank Connecting Rod with 14541 and
	two 145E
*14541	Crank Connecting Rod Cap
145e 1852	Screw
565c 1851	ninge Screw
1513E 1824	INUt.
*14637	Cylinder, 3½ in. diam
3032 1803	Feed Cam with 446c

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NO. PLATE		NAME	
446c 1852	Feed	Cam Set Screw	
3033 1813	4	Connecting Link	
375c 1813	**	" " Hinge Screw.	
1518E 1813	"		Nut.
14645 1848	"	Dog	
176p 1852		" Screw	
14646 1802	"	Forked Connection	
375c 1813	"	" " Hinge Screv	
1518E 1813	"	" " " " "	Nut.
6132 1813	46	" " Universal	
212c 1813	"		44
212C 1815	Ca		
00- 10-1		Forked Connection Universal	
23c 1851			
14048 1015		nge Screw	
14647 1815	reea.	Regulator Crank with two 448	
448c 1852	"	Bet Bulew	
6808 1815		Lever with 400C	
6809 ——		Regulator Lever complete, Nos. 8 and 6810	,
732p 1855	Feed	Regulator Lever Adjusting T	humb
1000 1000	Scr	ew	
1584e 1854	Feed	Regulator Lever Adjusting T	humb
		ew Nut	
3146 1826		Regulator Lever Adjusting T	
	$\mathbf{Scr}$	ew Washer	
6810  1815	T31	Regulator Lever Friction	
0010 1010	Feed		Plate
190d 1824	reea "	" " "	Plate "
**	"		•4
**	" Ser Feed	ew Regulator Lever Pin	••
190d 1824	" Ser Feed	" " " " " " " " " " " " " " " " Set Screw	•4 • • • • • •
190р 1824 2049 1828	" Ser Feed	" " " " Regulator Lever Pin " " Set Screw " " Thumb S c	•4 • • • • • •
190b 1824 2049 1828 460c 1852	" Ser Feed	« " " ew Regulator Lever Pin " Set Screw	• • • • • • • • • • • • • • • • • • •
190b 1824 2049 1828 460c 1852 732b 1855	" Ser Feed "	" " " " Regulator Lever Pin " " Set Screw " " Thumb S c	"
190b 1824 2049 1828 460c 1852 732b 1855	" Ser Feed " " Wa	" " " " Regulator Lever Pin " " Set Screw " " Thumb Sc " " "	"
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826	" Ser Feed " " Wa	" " " " " " " " " " " " " " " " " " "	" "
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807	" Feed " " Wa Feed	" " " " Regulator Lever Pin " Set Screw " " Thumb S c " " " sher Regulator Segment	" rew
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807 190b 1824	" Feed " " Wa Feed	" " " " Regulator Lever Pin " " Set Screw " " Thumb S c " " " sher Regulator Segment " Screw	" rew
190b         1824           2049         1828           460c         1852           732b         1855           3146         1826           14648         1807           190b         1824	" Ser Feed " " Wa Feed "	" " Regulator Lever Pin " " Set Screw " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " " "
190b         1824           2049         1828           460c         1852           732b         1855           3146         1826           14648         1807           190b         1824           14649         1800           6169         1866	"Ser Feed " " Wa Feed " "	" " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " " "
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807 190b 1824 14649 1800 6169 1866 145b 1852	" Feed " Wa Feed " " (low	" " " " " " " " " " " " " " " " " " "	" " " "
190b         1824           2049         1828           460c         1852           732b         1855           3146         1826           14648         1807           190b         1824           14649         1800           6169         1866	" Feed " Wa Feed " " (low Feed	" " " " " " " " " " " " " " " " " " "	" rew "  rew
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807 190b 1824 14649 1800 6169 1866 145b 1852	"Ser Feed " " Wa Feed " " " (lov Feed (up	" " " " " " " " " " " " " " " " " " "	rew "
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807 190b 1824 14649 1800 6169 1866 145b 1852 159b 1852	"Ser Feed " " Wa Feed " " " (lov Feed (up	" " " " " " " " " " " " " " " " " " "	rew "
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807 190b 1824 14649 1800 6169 1866 145b 1852 159b 1852 159b 1852 14565 1803 14505 1803	"Ser Feed " " Wa Feed " " (lov Feed (up Feed	" " Regulator Lever Pin " " Set Screw " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " "
190b         1824           2049         1828           460c         1852           732b         1855           3146         1826           14648         1807           190b         1824           14649         1800           6169         1866           145b         1852           159b         1852           14565         1803           14505         1803           2117         1828	"Ser Feed " Wa Feed " " (lor Feed (up Feed "	" " W Regulator Lever Pin " " Set Screw " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " "
190b 1824 2049 1828 460c 1852 732b 1855 3146 1826 14648 1807 190b 1824 14649 1800 6169 1866 145b 1852 159b 1852 14565 1803 2117 1828 436c 1852	"Ser Feed " Wa Feed " " (lov Feed (up Feed " "	" " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " "
190b         1824           2049         1828           460c         1852           732b         1855           3146         1826           14648         1807           190b         1824           14649         1800           6169         1866           145b         1852           159b         1852           14565         1803           14505         1803           2117         1828	"Ser Feed " Wa Feed " " (lov Feed (up Feed " "	" " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " "

#### PARTS FOR MACHINE NO. 11-8

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1 11010	
NO. PLATE	NAME
14638 1801	Feed Rod
23c 1851	" " Hinge Screw
14507 1825	" " Raising Block
792c 1813	" " " " Screw
14501 1825	" " Spring
219p 1889	""" Screw
11975 1805	Needle Bar
11976 1814	" " Connecting Link
375c 1813	" "- " " Hinge Screw
1518E 1813	a a a a a a
10100 1010	Nut
14547 1814	Needle Bar Connecting Stud with two
1.011 1011	453c
453c 1824	Needle Bar Connecting Stud Set Screw.
258E 1854	" " Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680p 1855	" " Thumb Screw
11497 1857	Oil Cup.
11917 1857	" " Cover
9084 1828	""" " Hinge Pin
2205 1825	" " Latch Spring
207f 1852	" " " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
134d 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	" " Hinge Pin
435c 1852	""""Set
1000 1001	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14639 1800	" Shaft
13324	
	Urank
13416 1824	Oscillating Shaft Crank complete, Nos. 453c, 1513E, 5868 and 13324
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " Set Screw
	Bet Screw
9119 1824	" " Slide Block

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NO. PLATE	NAME
5868 1824	Oscillating Shaft Crank Slide Block com-
100 1004	plete, Nos. 1900, 1054c, 5968 and 9119.
190ь 1824	Oscillating Shaft Crank Slide Block Cap
	Screw.
5968 1824	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
$1054c \ 1824$	Oscillating Shaft Crank Slide Block Screw
	Stud.
1513e 1824	Oscillating Shaft Crank Slide Block Screw
	Stud Nut
11986 1805	Presser Bar.
11988 1809	" " Guide Bracket with 175D and
	446c
175d 1852	Presser Bar Guide Bracket Adjusting
	Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164р 1852	Presser Bar Guide Bracket Guide Screw
446c 1852	" " " " Set Screw
11990 1806	" " Lifter
685d 1851	" " Hinge Screw
7393 1828	" " " Stop Pin
$258 \pm 1854$	" " Screw Bushing
$11991 \ 1805$	" " Spring
14650 1848	" Foot
176d $1852$	" " Screw
$252 \text{E} \ 1854$	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
11999 1821	" Cylinder
<b>12000</b> 1819	" " Hinge Pin
12001 1821	" " Latch
2027 1821	" " Pin
$11854 \ 1821$	" " " Spring
590e 1821	" " " Screw
12004 1821	" Frame
774c 1821	" Tension Regulating Screw
12005 1821	" " Spring
11997 1821	Shuttle (cylinder) 2½ in. diam., complete,
	Nos. 590E, 774c, 2027, 11854, 11999 to
	12001, 12004, 12005 and 14535
$14640 \ 1823$	Shuttle Driver and Feed Lifting Cam
2117 1828	" " " " " Pin.
14554 $1818$	" Race
141c 1852	" " Screw
12008 1814	Tension Bracket
190d 1824	" " Screw
8879 1827	" Friction Washer (cloth)

#### PARTS FOR MACHINE NO. 11-8

NO. PLATI	E NAME .
11423 1820	Tension Friction Washer (steel)
1560c $185$	
8905 182	
411d 1853	
11422 1827	
11044 1827	
11420 —	
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
14555 1829	
11950 1829	
2102 1827	
1560c 1854	" " Regulating Thumb Nut
8905 1827	
	Washer
686р 1855	Thread Retaining Screw Stud
2103 1827	
11041 ——	Thread Retainer complete, Nos. 686D,
	1560c, 2103, 8905 and two 2102
12014 1808	
3012 1828	
$435c \ 1852$	
12016 1807	
567d 1851	Bo corentiniti
1995 1889	reading the borow
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
11052 $1827$	
11431 1827	" " Regulator Plate
190d 1824	«« « « <sup>–</sup> « «
	Adjusting Screw
14641 1848	Throat Plate for 14645
14519 1837	" " Holder
389 <b>f</b> 1851	""" Screw
202d 1852	" " Screw (long)
228d 1852	(snort)

For Driving Attachment Parts, see Page 101

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NO. PLATE	NAME
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 1900, 1054c, 5968 and 9119.
190d 1824	Oscillating Shaft Crank Slide Block Cap
1000 1000	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
0000 1011	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
	Stud
1513e 1824	Oscillating Shaft Crank Slide Block Screw
	Stud Nut
11986 1805	Presser Bar
11988 1809	" " Guide Bracket with 175D and
	446c
175d 1852	Presser Bar Guide Bracket Adjusting
	Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164d 1852	Presser Bar Guide Bracket Guide Screw
446c 1852	" " " Set Screw
11990 1806	""Lifter
685d 1851	" " " Hinge Screw
7393 1828	""" " Stop Pin
258e 1854	" " Screw Bushing
11991 1805	" " Spring
$14650 \ 1848$	" Foot
176d 1852	" " Screw
252e 1854	Pressure Regulating Thumb Screw
14535 $1821$	Shuttle Bobbin
11999 1821	" Cylinder
12000 1819	" " Hinge Pin
12001  1821	" " Latch
2027 1821	" " Pin
11854 1821	" " Spring
590e 1821	" " Screw
12004 1821	" Frame
774c 1821	Tension Regulating Screw
12005 1821	opring
$11997 \ 1821$	Shuttle (cylinder) 21/2 in. diam., complete,
	Nos. 590E, 774c, 2027, 11854, 11999 to
	12001, 12004, 12005 and 14535
14640 1823	Shuttle Driver and Feed Lifting Cam """ " " " " " " " " " " " " " " " "
2117 1828	
14554 1818	<b>h</b> ace
141c 1852	Screw
12008 1814 190p 1824	Tension Bracket
8879 1827	" Friction Washer (cloth)
0019 1021	riction waster (cloth)

## PARTS FOR MACHINE NO. 11-8

NO. PLATE	NAME
11423 1826 Tension Fr	iction Washer (steel)
1560c 1854 " Re	gulating Thumb Nut
8905 1827 "	" " Washer
411p 1855 " Set	rew Stud
	ring,
11044 1827 " WI	neel.
11420 Tension (v	wheel) complete, Nos. 411D,
	905, 11044, 11422, 11423 and
two 8879	
14555 1829 Thread Eve	elet (front of arm)
11950 1829 " "	(side of arm) for 11041
2102 1827 " Ret	aining Disc.
1560c 1854 "	" Regulating Thumb Nut
8905 1827 "	" " " " "
Washer	
686D 1855 Thread Ret.	aining Screw Stud
2103 1827 "	"Spring
11041 Thread Re	tainer complete, Nos. 686D,
1560c, 210	03, 8905 and two 2102
12014 1808 Thread Tak	e-up Cam with two 435c
3012 1828 " "	" Pin
435c 1852 " "	" Set Screw
12016 1807 " "	Lever with 1995.
567р 1851 " "	" Hinge Screw
1995 1889 " "	" Roller and Screw
Stud with	1518E
1518E 1813 Thread Take	-up Lever Roller and Screw
Stud Nut.	
11002 1027 Inread Take	-up Spring.
11101 1027	" Regulator Plate
190b 1824 " "	" " "
Adjusting a	Screw
14041 1045 Inroat Plate	for 14645
14519 1857 " "	Holder
589F 1851	" Screw
202d 1852 " "	Screw (long).
228d 1852 " "	" (short)
For Driving Attach	mont Danie D rea

For Driving Attachment Parts, see Page 101

# MACHINE NO. 11-9

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#### FOR CLOTH. DROP FEED ACROSS THE ARM

#### OBSOLETE

#### This Machine is the same as No. 11-2 with the following exceptions :

NO. PLAT	E NAME
12072 1838	Feed Dog (left of needle) in place of 12027
12071 1833	2 " " (right of needle)
792c 1813	3 " " Serew
12074 183	1 Presser Foot (left of needle) in place of
	12030 and 14567
12073 183	
12075 —	- Throat Plate Body for 12077, in place of 12033
12079 183	2 Throat Plate Needle Hole Plate for 12077,
	in place of 12012
12077 183	2 Throat Plate complete for 12071, Nos.
	237p, 12075 and 12079
12076 —-	I mout I have body for increase
12080 188	
	needle hole, for 12078
401d 185	
12078 188	
	12076, 12080 and two 401p
12076	1 mout 1 moe 2005 101 1 101
14518 $183$	1 " " Needle Hole Strip, oblong
	needle hole, for 14517
401d 185	
14517 183	,
	12076, 14518 and two 401p

# LIST OF PARTS COMPLETE

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### · FOR

# MACHINE NO. 11-11

FOR LEATHER. DROP FEED ACROSS THE ARM

NO. PLATE	NAME
*11951	Arm with 65D and 14710
8702 1828	" Dowel Pin
338E 1853	" Screw
14539 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " Set Screw
6804 1804	" " Gear with 453c
2117 1828	"""Pin
453c 1824	" " " Set Screw
144d 1852	." " Screw
14710 1862	" Side Cover
65D 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
446c 1852	""""Set Screw
6805 1804	""" " Shaft
6806 1804	""""Gear with 453c
2117 1828	"""""Pin
453c 1824	" " " " Set Screw
144d 1852	""""Screw
8708 1828	" Spool Pin
11241  1863	" " " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
-354c 1101	" " Set Screw
14540 1802	Crank Connecting Rod with 14541 and
	two 1455
*14541 ——	Crank Connecting Rod Cap
$145 \pm 1852$	" " " Screw
565c 1851	" " Hinge Screw
1513E 1824	" " " " " Nut
*14542	Cylinder, 3 <sup>1</sup> / <sub>8</sub> in. diam
3032  1803	Feed Cam with 446c
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	ninge ourew
1518E 1813	Nut.
14724 1881	" Dog (left of needle)
14723 1881	(right of needle)
14715 1866	" " Carrier

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NO. P	LATE			NAMI	2			
792c	1813	Feed	Dog Se	crew				
12062	1802		Forked	l Conn	ection			
375c	1813	<b>` </b>	"		"		e Scre	
1518e	1813	"	"			"	**	Nut.
6132	1813	"	"			Univ	versal	
212c		**	"		"		"	"
		Car	o Screv	v				
23c	1851	Feed	Forke	d Conr	nectior	ı Uni	versal	Joint
				ew				
11970	1813	Feed	Regula	tor				
58e	1813	"	- <del>(</del>	Hi	nge So	erew		
818d	1889	"	**	Tł	umb i	Screw		
14545	1801	"	Rock S	Shaft				<b>.</b>
14546	1803	"	44					
14505	1803	"	"	" A	.rm wi	ith 43	6c	• • • • •
2117	1828	"	"	"	" Pi	n		
436c	1852	"	"	"			ew	
4448	1828	"	"	" Е			g Oil 7	
14526	1803	"	"				rked)	
		445	c for 1	4545		•••••		• • • • •
14522	1803			Shaft				
14524		Feed	Rock	Shaft	Cra	nk co	omplet	e for
		145	46, N	os. 16	4 <b>D</b> , 6	312,	14522	and .
				os. 16				
3012	1828	145	23	Shaft C	rank	Pin fe		
3012 2117	1828 1828	145	23	Shaft C	Crank "	Pin fo	or 145	
		145 Feed	23 Rock s	Shaft C "	Crank "	Pin fo "Roller	or 145	26 22
2117	1828	145 Feed "	23 Rock &	Shaft C "	Crank " ]	Pin fo "Roller	or 1455 " 145 Cap	26 22
2117 14523	$1828 \\ 1825$	145 Feed "	23 Rock f	Shaft C "	Crank "	Pin fo "Roller	or 145 " 145	26 22
2117 14523 164d	$1828 \\ 1825 \\ 1852$	145 Feed " "	23 Rock s " "	Shaft C "	Crank " ] "	Pin fo "Roller	or 1455 " 1455 Cap	26 22 Screw
2117 14523 164d 6312	$1828 \\ 1825 \\ 1852$	145 Feed " " " "	23 Rock & " " sher Rock §	Shaft C " " Shaft C	Crank " ] "	Pin fo Roller	or 145 " 145 Cap	26 22 Screw
2117 14523 164d 6312	1828 1825 1852 1826	145 Feed " " " Wa Feed	23 Rock f " " sher Rock f	Shaft ( " " Shaft ( " Shaft (	Crank " ] " Crank	Pin fo Roller " Set S Centr	or 1455 " 1455 Cap " crew	26 22 Screw "
2117 14523 164D 6312 445c	1828 1825 1852 1826 1852 1852	145 Feed " " " Wa Feed	23 Rock & " " sher Rock §	Shaft C " " Shaft C	Crank " ] " Crank	Pin fo Roller " Set S Centr	or 1455 " 145 Cap "	26 22 Screw "
2117 14523 164D 6312 445c 304c	1828 1825 1852 1826 1852 1852	145 Feed " " Wa Feed " " Need	23 Rock & " " sher Rock &	Shaft ( " " Shaft ( " Shaft (	Crank " ] " Crank crew	Pin fo Roller " Set S Centr	or 1455 "1455 Cap " crew e Nut.	26 22 Screw "
2117 14523 164D 6312 445c 304c 1513E	1828 1825 1852 1826 1852 1852 1852 1824	145 Feed " " " Wa Feed " " Need	23 Rock & " " sher Rock & " le Bar.	Shaft ( " " Shaft ( " S " Conne	Crank """ Crank Crank crew	Pin fo Roller " Set S Centr " Link.	or 145 " 145 Cap " crew e Nut.	26 22 Screw "
2117 14523 164D 6312 445c 304c 1513E 11975	1828 1825 1852 1826 1852 1852 1852 1824 1805 1814	145 Feed " " Wa Feed " " Need	23 Rock & " " sher Rock & " u le Bar. "	Shaft C " " Shaft C " S " Conne	Crank "" Crank crew " cting	Pin fo Roller " Set S Centr " Link. "	or 145 " 145 Cap " crew e Nut.	26 22 Screw "
2117 14523 164D 6312 445c 304c 1513E 11975 11976	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813	145 Feed " " " Wa Feed " " Need	23 Rock & " " sher Rock & " le Bar.	Shaft ( " " Shaft ( " S " Conne	Crank "" Crank crew " cting	Pin fo Roller " Set S Centr " Link.	or 145 " 145 Cap " crew e Nut.	26 22 Screw "
2117 14523 164D 6312 445c 304c 1513E 11975 11976 375c	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813	145 Feed " " Wa Feed " Need "	23 Rock f " " sher Rock f " le Bar. " "	Shaft C " " Shaft C " S " Conne "	Crank "" Crank crew f	Pin fo Roller " Set S Centr " Link. "	or 145: " 145: Cap " crew e Nut. Hinge "	26 22 Screw "
2117 14523 164D 6312 445c 304c 1513E 11975 11976 375c	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813	145 Feed " Wa Feed " Need " "	23 Rock f " " sher Rock f " le Bar. " " t	Shaft C " " Shaft C " S " Conne	Crank " ] " " Crank crew f " cting ]	Pin fo Roller " Set S Centr " Link. " I	or 145: " 145: Cap " crew e Nut. Hinge "	26 22 Screw "  Screw "  Screw
2117 14523 164D 6312 445c 304c 1513E 11975 11976 375c 1518E	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813	145 Feed " " Wa Feed " Need " " Nu Need 453	23 Rock f " " sher Rock f " " le Bar. " t le Bar.	Shaft ( "" Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "" ""	Crank "" Crank crew " cting	Pin fe Roller " Set S Centr " Link. " I " Stu "	or 145: " 145: Cap " crew e Nut. Hinge "	26 22 Screw "  Screw " Screw "
2117 14523 164D 6312 445c 304c 1513E 11976 375c 1518E 14547	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813	145 Feed " " Wa Feed " Need " Nu Need 453 Need	23 Rock f " " sher Rock f " le Bar " t le Bar c le Bar	Shaft C " " Shaft C " Shaft C " Shaft C " " " " " "	Crank "" Crank crew " cting ]	Pin fe Roller " Set S Centr " Link. " J Stud	or 1453 " 1453 " Cap " " crew e Nut. " " Hinge " d with Set Sc.	26 22 Screw " ······ Screw " ······ Screw "
2117 14523 164D 6312 445c 304c 1513E 11976 375c 1518E 14547	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813 1814 1824	145 Feed " " Wa Feed " " Need 453 Need "	23 Rock f " " sher Rock f " le Bar " t le Bar c le Bar	Shaft ( "" Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "Shaft ( "" ""	Crank "" Crank crew " cting ]	Pin fe Roller " Set S Centr " Link. " J Stud	or 1453 " 1453 " Cap " " crew e Nut. " " Hinge " d with Set Sc.	26 22 Screw " ······ Screw " ······ Screw "
2117 14523 164D 6312 445c 304c 1513E 11975 11976 375c 1518E 14547 453c	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813 1814 1824	145 Feed " " Wa Feed " " Need 453 Need 453 Need	23 Rock f " " sher Rock f " " le Bar " t le Bar " c le Bar	Shaft C " " Shaft C " Shaft C " Shaft C " Conne Conne Screw ap wit	Crank " "" Crank k erew ( " cting ] ecting the source of t	Pin fa " Roller " Set S Centr " Link. " J Stud. Stud. and	or 145: " 145: Cap " Crew e Nut. Hinge " d with Set Sc. 11385	26 22 Screw " Screw " Screw " Screw "
2117 14523 164D 6312 445c 304c 1513E 11975 11976 375c 1518E 14547 453c 258E	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813 1814 1824 1824	145 Feed " " Wa Feed " " Need 453 Need 453 Need 453	23 Rock f " sher Rock f " le Bar ic le Bar ic le Bar " Clan	Shaft C "" Shaft C "Shaft C "Shaft C " Conne Conne Conne Conne Screw ap wit Gib	Crank "" " Crank Crank Crank Crank Crank Crank Crank Crank Crank Bushi h 6801	Pin fa " Roller " Set S Centr " Link. " J Stud. Stud. and	or 145: "145: Cap " Cap " 	26 22 Screw " Screw " Screw " Screw "
2117 14523 164D 6312 445c 304c 1513E 11975 11976 375c 1518E 14547 453c 258E 19702	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813 1814 1824 1824 1829 1825	145 Feed " " Wa Feed " " Need 453 Need 453 Need	23 Rock f " " sher Rock f " " le Bar " t le Bar " c le Bar	Shaft C "" Shaft C "Shaft C "Shaft C " Conne Conne Conne Conne Screw ap wit Gib	Crank "" " Crank Crank Crank Crank Crank Crank Crank Crank Crank Bushi h 6801	Pin fa " Roller " Set S Centr " Link. " J Stud. Stud. and	or 145: " 145: Cap " Crew e Nut. Hinge " d with Set Sc. 11385	26 22 Screw " Screw " Screw " Screw "
$\begin{array}{c} 2117\\ 14523\\ 1640\\ 6312\\ \\ 445c\\ 304c\\ 1513e\\ 11975\\ 11976\\ 375c\\ 1518e\\ \\ 14547\\ \\ 453c\\ 258e\\ 19702\\ 11385\\ \end{array}$	1828 1825 1852 1852 1852 1852 1852 1824 1805 1814 1813 1813 1814 1824 1824 1829 1825	145 Feed " " Wa Feed " " Need 453 Need 453 Need " "	23 Rock f " " sher Rock f " " le Bar " t le Bar sc le Bar " " "	Shaft C "" Shaft C "Shaft C "Shaft C " Conne Conne Conne Conne Screw ap wit Gib	Crank """""" "" Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Crank Science Crank	Pin fa Roller " " Set S Centr " Link. " J Stud i ng. and and crew.	crew Nut. Set Sc. 11385	26 22 Screw "  Screw "  Screw "  h two  rew

#### PARTS FOR MACHINE NO. 11-11

NO. PLATE	NAME
11917 1857	Oil Cup Cover
9084 1828	" " " Hinge Pin
2205 1825	" " Latch Spring
207F 1852	" " " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
0104 1040	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
11310 1020	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
11921 1057	11497, 11917 to 11919, two 8953 and
	three 207F
134p 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
12090 1804 11164 1804	" " " Hinge Pin
435c 1852	" " " " Set
4590 1892	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14548 1800	" Shaft
13324	Dilaite
13324 - 13416 1824	" " Crank Oscillating Shaft Crank complete, Nos.
13410 1824	453c, 1513e, 5868 and 13324
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " Set Screw
4550 1824 9119 1824	" " Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
0000 1024	plete, Nos. 1900, 1054c, 5968 and 9119.
190d 1824	Oscillating Shaft Crank Slide Block Cap
1900 1824	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
J900 102 <del>4</del>	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
10340 1824	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
1010E 1024	Stud Nut
11986 1805	Presser Bar.
11988 1809	" " Guide Bracket with 175p and
11999 1909	446c
175D 1852	Presser Bar Guide Bracket Adjusting
1700 1802	Screw
12066 1807	Presser Bar Guide Bracket Guide with
12000 1001	7393.
164p 1852	Presser Bar Guide Bracket Guide Screw.
446c 1852	" " " Set Screw
11990 1806	" " Lifter
11220 1900	Linter

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NO. PLATE	NAME
685p 1851	Presser Bar Lifter Hinge Screw
7393 1828	" " Stop Pin
258E 1854	" " Screw Bushing
11991 1805	" " Spring
14550 1842	" Foot (left of needle)
14530 $184214549$ $1840$	
176D 1852	" " (right of needle)
$252 \pm 1854$	" " Screw Pressure Regulating Thumb Screw
1899 1840	
	Roller, $1\frac{1}{4}$ in., with 634b and 1528b
	Arm for 11994
14551 1842	14000
440f 1852	Adjusting Screw
1547b 1854	Nut.,,,
11995 1840	Bracket for 11992
14552 1842	14053
316F 1852	Screw Centre
1547d 1854	
2205 1825	LOCK Spring
207f 1852	Screw
634d 1840	Screw
1528d 1854	Nut
14553  1842	Roller Presser (left of needle) 1¼ in. roller,
	complete, Nos. 207F, 440F, 1899, 2205,
	14551, 14552, two 316F and three 1547D
11992 1840	Roller Presser (right of needle) $1\frac{1}{4}$ in.
	roller, complete, Nos. 207F, 440F,
	1899, 2205, 11994, 11995, two 316r and
	three 1547p
176d 1852	Roller Presser Screw
14535 1821	Shuttle Bobbin
12093  1820	" Cylinder
12000 1819	" " Hinge Pin
12001  1821	" " Latch
2027 1821	" " Pin
11854 $1821$	" " Spring
$590 \pm 1821$	" " " Screw
12094 1820	" Frame
773c 1820	" Tension Regulating Screw
12095 1820	" " Spring
12092  1820	Shuttle (cylinder) 21/2 in. diam., complete,
	Nos. 590E, 773c, 2027, 11854, 12000,
	12001, 12093 to 12095 and 14535
12006 1821	Shuttle Driver and Feed Lifting Cam
2049 1828	"""""""""Pin.
14554 $1818$	" Race
141c 1852	" " Screw
12008 $1814$	Tension Bracket

### PARTS FOR MACHINE NO. 11-11

NO. PLATE	NAME
190p 1824	Tension Bracket Screw
8879 1827	" Friction Washer (cloth)
11423 1826	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer.
411p 1855	" Screw Stud
11422 1827	" Spring
11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
14555 $1829$	Thread Eyelet (front of arm)
$11950 \ 1829$	" (side of arm) for 11041
2102  1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	u u u u u
	Washer
686р 1855	Thread Retaining Screw Stud
2103  1827	" " Spring
11041	Thread Retainer complete, Nos. 686D,
	1560c, 2103, 8905 and two 2102
12014 1808	Thread Take-up Cam with two <sup>4</sup> 35c
3012 1828	" " Pin
435c 1852	" " Set Screw
12016 1807	" " Lever with 1995
567d 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518e 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
$11052 \ 1827$	Thread Take-up Spring
11431  1827	" " Regulator Plate
190d 1824	
	Adjusting Screw
14556 1840	Throat Plate for 14723
14557 1842	"""14724
14519 1837	" " Holder
389F 1851	" " " Screw
202d 1852	" " Screw (long)
228d 1852	" " " (short)

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# MACHINE NO. 11-12

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FOR CLOTH. DROP FEED ACROSS THE ARM

This Machine is the same as No. 11-11 with the following exceptions:

NO.	PLATE	NAME
14716	1881	Feed Dog (left of needle) for 14715, in place of 14724
14722	1881	Feed Dog (right of needle) for 14715, in place of 14723
14720	1881	Feed Dog (double)
14559		Presser Foot (left of needle) for 14716, in
		place of 14550 and 14553
14558	1838	Presser Foot (right of needle) for 14722,
		in place of 11992 and 14549
14560	1841	Presser Foot for 14720
14520	1838	Throat Plate for 14716, in place of 14556.
14521	1838	" " for 14722, in place of 14557.
14561		" " Body
14563	1841	" " Needle Hole Strip
401p	1851	« « " " Screw
14562	1841	Throat Plate complete for 14720, Nos.
		14561, 14563 and two 401D

### LIST OF PARTS COMPLETE

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FOR

# MACHINE NO. 11-13

FOR LEATHER. DROP FEED UP THE ARM

NO. PLATE	NAME
*11951	Arm with 65D and 14710
8702 1828	" Dowel Pin
338E 1853	" Screw
14539 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " " Set Screw
6804 1804	" " Gear with 453c
2117 1828	""" Pin
453c 1824	" " " Set Screw
144d 1852	" " Screw
14710 $1862$	" Side Cover
65d 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
$446c \ 1852$	" " " Set Screw
6805 1804	""""Shaft
6806 1804	"""""Gear with 453c
2117 1828	""" " " " Pin
453c 1824	""" " Set Screw
144р 1852	""" " Screw
8708 1828	" Spool Pin
11241 1863	" " " Washer (cloth)per 100
$11960 \ 1801$	Balance Wheel with two 354c
354c 1101	" " Set Screw
$14540 \ 1802$	Crank Connecting Rod with 14541 and
	two 145E
*14541	Crank Connecting Rod Cap
$145 \pm 1852$	" " " Screw
565c 1851	" " Hinge Screw
1513E 1824	1vut.,
*14542	Cylinder, 3 <sup>1</sup> / <sub>8</sub> in. diam
3032 1803	Feed Cam with 446c
446c 1852	Det Delew
3033 1813	Connecting Link
375c 1813	Inige Sciew
1518E 1813	
14564 1844	Dog
14733 1866	Aujusting riece
$14715 \ 1866$	" " " " Carrier

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NO. PLATE		NAME
792c 1813	Feed Dog Adj	usting Piece Screw
176o 1852		ew
12062 1802		Connection
375c 1813	" "	" Hinge Screw
1518E 1813	" "	" " " Nut
6132 1813	66 KG	" Universal Joint
212c 1813	** **	·
	Cap Screw.	
23c 1851	Feed Forked	Connection Universal Joint
		N
11970 1813	Feed Regulate	or
58E 1813-	** **	Hinge Screw
818D 1889	** **	Thumb Screw
14545 1801	" Rock Sh	aft
14565 1803	"	" for 304c
14505 1803	** ** •	" Arm with 436c
2117 1828		""Pin
436c 1852	** ** •	" " Set Screw
4448 1828		" Back Bearing Oil Tube.
14526 1803		" Crank (forked) with
	445c, for 14	£545
14522 1803		haft Crank with 445c, for
	$14524.\ldots$	
14524 ——		Shaft Crank complete for
		a. 164d, 6312, 14522 and
	$14523.\ldots$	
3012 1828		aft Crank Pin for 14526
2117 1828		"""14522
14523 1825		" " Roller
164d 1852		" " Cap Screw
6312 1826		
445c 1852		aft Crank Set Screw
304c 1852		Screw Centre
1513E 1824		1840
14566 1801	nou	~~~~~
23c 1851	TIU	ge Screw
14501 1825	epr.	ing
219d 1889		Screw
11975 1805	Needle Bar	
11976 1814	" " Co	onnecting Link
375c 1813		" " Hinge Screw
1518E 1813		
	Nut	
14547 1814		Connecting Stud with two
	453C	
453c 1824		onnecting Stud Set Screw

#### PARTS FOR MACHINE NO. 11-13

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NO. PLATE	NAME
$258 \pm 1854$	Needle Bar Screw Bushing
19702 1829	" Clamp with 680D and 11385
11385 1825	" " Gib
680d 1855	" " Thumb Screw
11497 1857	Oil Cup
11917 1857	" " Cover
9084 1828	""" " Hinge Pin
2205 1825	" " Latch Spring
207r 1852	" " " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
0101 1010	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
1010 1010	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
134p 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	""" " Hinge Pin
435c 1852	" " " " " Set
	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14548 1800	" Shaft
13324 —	" " Crank
13416 1824	Oscillating Shaft Crank complete, Nos.
	453c, 1513E, 5868 and 13324
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " " Set Screw
9119 1824	" " Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 1824	Oscillating Shaft Crank Slide Block Cap
5968 1824	Screw.
5968  1824	Oscillating Shaft Crank Slide Block Cap
1054- 1004	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
1519- 1004	Stud.
1513E 1824	Oscillating Shaft Crank Slide Block Screw
11000 1005	Stud Nut.
11986 1805	Presser Bar.
11988 1809	Guide Bracket with 175D
175- 1050	and 446c.
175d 1852	Presser Bar Guide Bracket Adjusting
	Screw.

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NO. PLATE	NAME
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164p 1852	Presser Bar Guide Bracket Guide Screw.
446c 1852	""""Set Screw
11990 1806	" " Lifter
685D 1851	" " " Hinge Screw
7393 1828	" " " Stop Pin
258E 1854	" " Screw Bushing
11991 1805	" " Spring
14567 1844	" Foot (left of needle)
176p 1852	" " Screw
252E 1854	Pressure Regulating Thumb Screw
1899 1840	Roller, 1¼ in., with 634D and 1528D
12031 1844	" Arm
440r 1852	" " Adjusting Screw
1547D 1854	" " " " Nut
12032 1844	" " Bracket
316F 1852	" " Screw Centre
1547D 1854	" " " " " Nut
2205 1825	1400
176p 1852	" " Lock Spring
	" " " Screw
1549D 1854	- IN UU
634D 1840	DUIGW
1528D 1854	19 110
12030 1844	Roller Presser, 1¼ in. roller, complete,
	Nos. 176b, 440F, 1549b, 1899, 2205,
150 1050	12031, 12032, two 316r and three 1547D
176D 1852	Roller Presser Screw
14535 1821	Shuttle Bobbin
11999 1821	Oymidel
12000 1819	ringe rin
12001 1821	" " Latch
2027 1821	L 111
11854 1821	oping
590E 1821	DOLEM
12004 1821	<b>Frame</b>
774c 1821	1 ension regulating screw
12005 1821	opring
11997 1821	Shuttle (cylinder) 2½ in. diam., complete,
	Nos. 590E, 774c, 2027, 11854, 11999 to
10000 1001	12001, 12004, 12005 and 14535
12006 1821	Shuttle Driver and Feed Lifting Cam
2049 1828	Shuttle Driver and Feed Lifting Cam """"""Pin.
2049 1828 14554 1818	Shuttle Driver and Feed Lifting Cam """"""""""""""""""""""""""""""""""
2049 1828 14554 1818 141c 1852	Shuttle Driver and Feed Lifting Cam           """"""""""""""""""""""""""""""""""""
2049 1828 14554 1818	Shuttle Driver and Feed Lifting Cam """"""""""""""""""""""""""""""""""

#### PARTS FOR MACHINE NO. 11-13

NO. PLATE	NAME
8879 1827	Tension Friction Washer (cloth)
11423 1826	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer
411p 1855	" Screw Stud
11422 1827	" Spring
11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
14555 1829	Thread Eyelet (front of arm)
11950 1829	" (side of arm) for 11041
2102 1827	" Retaining Disc.
1560c 1854	" " Regulating Thumb Nut
8905 1827	
	Washer
. 686d 1855	Thread Retaining Screw Stud
2103 1827	" " Spring
11041 ——	Thread Retainer complete, Nos. 686D,
	1560c, 2103, 8905 and two 2102
12014 1808	Thread Take-up Cam with two 435c
3012 1828	" " " Pin
435c 1852	" " " Set Screw
12016 1807	" " Lever with 1995
567ь 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518E 1813	Thread Tale-up Lever Roller and Screw
	Stud Nut.
11052 1827	Thread Take-up Spring
11431 1827	" " Regulator Plate
190d 1824	
	Adjusting Screw
14568 1844	Throat Plate for 14564
14519 1837	" " Holder
389f 1851	" " " Screw
202д 1852	" " Screw (long)
228d 1852	" " " (short)

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# MACHINE NO. 11-14

FOR CLOTH. DROP FEED UP THE ARM

This Machine is the same as No. 11-13 with the following exceptions:

NO.	PLATE	NAME
14569	1845	Feed Dog (left of needle) in place of 14564
14570	1882	" " (double)
14571	1845	Presser Foot (left of needle) for 14569, in
		place of 12030 and 14567
14680	1862	Presser Foot (short right toe) for 14570
14572	1847	" " for 14570
14573	1845	Throat Plate for 14569, in place of 14568.
14574	1847	"""14570
14681	1882	" (rounded edges) for 14570

### LIST OF PARTS COMPLETE

FOR

# MACHINE NO. 11-15

FOR CARRIAGE AND BUGGY DASHES; FURNISHED WITH FEED DOGS, THROAT PLATES AND PRESSER FEET FOR DIFFERENT POSITIONS OF THE WORK WHEN CLOSING IN THE FRAME AND STITCH-ING THE PANELS; DROP FEED ACROSS THE ARM; HAS 30 INCHES CLEAR SPACE AT RIGHT OF NEEDLE, VIBRATING PRESSER, S. D. A., AND COLUMN STAND

NO.	PLATE		NAME
*14787		Arm	with 65p and 14578
8702	1828	"	Dowel Pin
4961	z 1853 <sup>-</sup>	"	Screw
14735	1867	"	Shaft
11354	1809	"	" Bushing
4370	2 1852	"	" " Set Screw
14606	1804	"	" Gear with two 445c
3012	1828	"	" " Pin
445	c 1852	"	" " Set Screw
14578	1857	"	Side Cover
65	D 1851	"	" " Hinge Screw
14579	1801	"	" Wheel with two 446c

NO. PLATE	NAME
446c 1852	Arm Side Wheel Set Screw
14607 1804	" " Shaft
. 14608 1804	" " " Gear with 453c
2117 1828	" " " " " Pin
453c 1824	" " " " Set Screw
144p 1852	" " " Screw
8708 1828	" Spool Pin
11241 1863	" " " Washer (cloth)per 100
11438 1858	Balance Wheel with two 354c
8873 1828	" " Pin
354c 1101	" " Set Screw
11363 1802	Crank Connecting Rod with 11364 and
	two 145E
*11364	Crank Connecting Rod Cap
145E 1852	" " " Screw
565c 1851	" " Hinge Screw
1513E 1824	" " " " Nut.
*14581	Cylinder, 3 <sup>1</sup> / <sub>8</sub> in. diam
11367 1803	Feed Cam with two 445c
445c 1852	" " Set Screw
11368 1803	" Connecting Link
565c 1851	" " " Hinge Screw
1513E 1824	" " " " " Nut
14726 1881	". Dog (left of needle)
14727 1883	" " (right of needle) for panel work
14725 1881	" " for closing
14715 1866	" " Carrier
792c 1813	" " Screw
14502 1802	" Forked Connection
565c 1851	" " Hinge Screw,
1513E 1824	"" " " " Nut
6132 1813	" " Universal Joint
212c 1813	66 66 66 66 <u>66</u>
	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
	Hinge Screw.
14583 1803	Feed Regulator
568E 1851	" " Hinge Screw
254д 1813	" " Thumb Screw
14525 1801	"Rock Shaft
14504 1803	""""for 300c
14505  1803	"""" Arm with 436c
2117 1828	""" " Pin
436c 1852	""""Set Screw
4448 1828	" " Back Bearing Oil Tube.
14526 1803	" " " Crank (forked) with
	445c, for 14525

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NO. PLATE	NAME
14522 1803	Feed Rock Shaft Crank with 445c, for
14022 1800	14524
14524	Feed Rock Shaft Crank complete for
11021	14504, Nos. 164b, 6312, 14522 and
	14523
3012 1828	Feed Bock Shaft Crank Pin for 14526
2117 1828	" " " " " " 14599
14523 1825	" " " Roller
164p 1852	" " " Cap Screw
6312 1826	
	Washer
445c 1852	Feed Rock Shaft Crank Set Screw
300c 1852	" " Screw Centre
1513e 1824	""""""""Nut
$11402 \ 1805$	Lifting Presser Bar
$56502 \ 1862$	" " Bell Crank
56503	" " " " 56502 with
	611F and 19810
8d 1851	Lifting Presser Bar Bell Crank Adjusting
	Hinge Screw.
19810 1862	Lifting Presser Bar Bell Crank Adjusting
1000 4044	Link with 1518E, 1828 and 2718
$1828 \ 1854$	Lifting Presser Bar Bell Crank Adjusting
070 - 1071	Link Roller with 372c Lifting Presser Bar Bell Crank Adjusting
372c 1851	Link Roller Screw
1518E 1813	Lifting Presser Bar Bell Crank Adjusting
10105 1010	Link Roller Screw Nut.
2718 1826	Lifting Presser Bar Bell Crank Adjusting
2/10 1020	Link Roller Screw Nut Washer
611r 1889	Lifting Presser Bar Bell Crank Adjusting
0211 2000	Link Screw
14586 1809	Lifting Presser Bar Guide Bracket with
	159b, 453c and 460c
159в 1852	Lifting Presser Bar Guide Bracket Adjust-
	ing Screw
14587 1807	Lifting Presser Bar Guide Bracket Guide
381d 1851	
	Screw
453c 1824	Lifting Presser Bar Guide Bracket Set
	Screw
11909 1806	Lifting Presser Bar Lifter with 8761 and
	8763
8760 1826	Lifting Presser Bar Lifter Friction Washer """ Hinge Screw
16d 1851	
8761 1828	" " " Stop Pin " " " Lifting Link
14588 1806	" " " Lifting Link

#### PARTS FOR MACHINE NO. 11-15

NO. PLATE	NAME
353c 1854	Lifting Presser Bar Lifting Link Cap
8763 1828	Screw Lifting Presser Bar Lifting Link Hinge
8973 1863	Stud Lifting Presser Bar Lifting Link Hinge
8765 1826	Stud Pin Lifting Presser Bar Lifting Link Hinge
	Stud Washer
258e 1854	Lifting Presser Bar Screw Bushing
11409 1805	spring
11465 1815	Dracket with
$353 \mathrm{c}^{\cdot} 1854$	353c. Lifting Presser Bar Spring Bracket Set
11466 1826	Screw Lifting Presser Bar Spring Bracket Set Screw Washer
56504 1868	Needle Bar.
11539 1866	" " Connecting Link
566c 1851	" " " Hinge Screw
1513E 1824	« « « « « «
	Nut
11383 1814	Needle Bar Connecting Stud with two 445c.
445c 1852	Needle Bar Connecting Stud Set Screw.
258e 1854	" " Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 $1825$	" " Gib
680p 1855	" " Thumb Screw
11497 1857	Oil Cup
11917 1857	" " Cover
9084 1828	" " " Hinge Pin
2205 1825	" " " Latch Spring
207 <b>F</b> 1852	" " " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
	11497
11918  1825	Oil or Wax Stripper Washer (steel) for
	11917
207г 1852	Oil or Wax Stripper Washer Screw
11921  1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
134р 1852	Oil Cup Screw
56534 1804	Oscillating Rock Shaft (steel)
56535	Oscillating Rock Shaft complete, Nos.
	622c, 11165, 11398, 56534 and two 1508E

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NO.	PLATE	NAME
11398	1804	Oscillating Rock Shaft Hinge Pin
	1101	" " " " Nut
	1854	" " " Screw
0220	1004	Bearing
1500-	1101	Oscillating Rock Shaft Hinge Pin Screw
1908E	1101	Bearing Nut.
11105	1000	Oscillating Rock Shaft Oil Pad
11165	1826	" Shaft
14589	1800	" " Crank
11848	1004	Oscillating Shaft Crank complete, Nos.
19696	1824	453c, 1513E, 5868 and 11848
	1000	Oscillating Shaft Crank Pin
2117	1828	" " Set Screw
4530		" " Slide Block
9119	1824	DILLE DIOCK.
5868	1824	Oscillating Shaft Crank Slide Block com-
		plete, Nos. 190b, 1054c, 5968 and 9119.
1901	<b>&gt; 1824</b>	Oscillating Shaft Crank Slide Block Cap
		Screw.
5968	1824	Oscillating Shaft Crank Slide Block Cap
		Screw Washer
10540	c 1824	Oscillating Shaft Crank Slide Block Screw
		Stud
1513	е 1824	Oscillating Shaft Crank Slide Block Screw
		Stud Nut.
	Е 1854	Pressure Regulating Thumb Screw
14535	1821	Shuttle Bobbin
12093	1820	" Cylinder
12000	1819	nugerm
12001	1821	" " Latch
2027		гш
11854		" " " Spring
590		" " " Screw
12094		" Frame
773		" Tension Regulating Screw
12095	1820	
12092	1820	
		Nos. 590E, 773c, 2027, 11854, 12000,
		12001, 12093 to 12095 and 14535
12006	1821	Shuttle Driver and Feed Lifting Cam
2049	1828	
14554	1818	
141		
19542		
190	)в 1824	" " Screw
8879	) 1827	
11423	3 1826	" " (steel)
1560	)c 1854	" Regulating Thumb Nut

## PARTS FOR MACHINE NO. 11-15

NO. PLATE	NAME
8905 1827	Tension Regulating Thumb Nut Washer
411p 1855	" Screw Stud
11422 1827	" Spring
	" Wheel
11044 1827	
11420 ——	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
11950 1829	Thread Eyelet
2102 1827	Retaining Disc.
1560c 1854	" " Regulating Thumb Nut
8905 1827	
	Washer
686d 1855	Thread Retaining Screw Stud
2103 1827	••• Spring
11041	Thread Retainer complete, Nos. 686D,
	1560c, 2103, 8905 and two 2102
14590 1808	Thread Take-up Cam with two 434c
8873 1828	1 44
434c 1852	bet burew
11845 1807	Lever with 1990
567d 1851	" " Hinge Screw
1995 1889	Noner and Screw
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut.
11052 1827	Thread Take-up Spring.
11431 1827	" " Regulator Plate
190ь 1824	
	Adjusting Screw
19543 1869	Thread Take-up Spring Staple
690d 1889	Screw
41544 1826	VI ASIICI
14684 1883	Throat Plate for 14727
14667 1850	14/20
14670 $1850$	"""14726
14677 1849	" " Holder
389 <b>f</b> 1851	" " Screw
202р 1852	" " Screw (long)
228d 1852	" " " (short)
14679 1868	Vibrating Presser Bar
14593 1809	" " Guide Bracket with
14999 1009	448c
14504	Vibrating Presser Bar Guide Bracket com-
14594 ——	plete, Nos. 231c, 11472, 14593, 14595
	and two 190b
14505 1000	
14595 1809	Vibrating Presser Bar Guide Bracket Cap

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NO. PL	ATE		NAM	E			
190d 1	824	Vibrating	Presser	Bar	Guide	Bracke	t Cap
		Screw					• • • • • •
2117 1	828	Vibrating	Presser	Bar	Guide	Bracke	t Pin.
448c 1	.852	**	66	"	"	"	Set "
		Screw					
$14596 \cdot 1$	828	Vibrating	Presser	Bar	Hinge	Pin	
460c 1	852	"	"	"	"	"	Set
		Screw					
11471 1	829	Vibrating	Presser	Bar	Spring		
11472 1	829	** -	"	"	"	Brac	ket
231c 1	852	"	"	"	**		"
		Screw					
56505 1	883	Vibrating	Presser	Foo	t for 14	1725	
56506 1	883	**	"	"	" 14	726	
56507 1	883	"	"	"	" 14	727	
898d 1	852	**	"	"			
1547р 1	854	"	"	"	"	Nut	
	For 3	Driving At	tachmer	it Pa	arts, se	e Page	100

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. 11-16

FOR OVERSEAMING LONG BOOT LEGS OR OTHER TUBULAR ARTICLES WHILE FEEDING UP THE ARM, OR FOR STRAIGHT STITCHING WHILE FEEDING ACROSS THE ARM, DROP FEED; HAS PARTS TO CHANGE FROM ONE STYLE TO THE OTHER AND BALANCE WHEEL NO. 11356 FOR UNDER DRIVER; 30 INCHES FROM NEEDLE TO BASE OF ARM

NO. PLATE	NAME
*14734	Arm with 65p and 14578
8702 1828	" Dowel Pin
496E 1853	" Screw
14786 1867	" Shaft
11354 1809	" " Bushing
437c 1852	""" " Set Screw
14606 1804	" " Gear with two 445c
3012  1828	" " " Pin
445c 1852	""""Set Screw
14578 $1857$	" Side Cover
65d 1851	" " " Hinge Screw
14579 1801	" " Wheel with two 446c,
446c 1852	" " " Set Screw
14607 1804	""""Shaft
14608 1804	""""Gear with 453c
2117 1828	""" " " Pin
453c 1824	"""""Set Screw
144d 1852	" " " Screw
8708 1828	" Spool Pin
11241 1863	" " " Washer (cloth)per 100
11356 1801	Balance Wheel with two 354c
8937 1863	" " Pin
354c 1101	" " Set Screw
$11363 \ 1802$	Crank Connecting Rod with 11364 and
*******	two 145E
*11364 —	Crank Connecting Rod Cap
145e 1852	Burew
565c 1851	ninge Screw
1513E 1824	IN U.C
*14609	Cylinder, 3½ in. diam
11367 1803	Feed Cam with two 445c
445c 1852	" " Set Screw

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NO. PLATE	NAME
11368 1803	Feed Connecting Link
565c.1851	" " " Hinge Screw
1513r 1824	""""""Nut
12081 1846	" Dog for 14506
14716 1881	" (left of needle) for 14715
· 14722 1881	" " (right of needle) for 14715
14733 1866	" " Adjusting Piece
14715 1866	" " Carrier
792c 1813	" " " Screw
176p 1852	" " Screw
14502 1802	" Forked Connection
565c 1851	" " Hinge Screw
1513E 1824	" " " " Nut
6132 1813	" " Universal Joint
212c 1813	
2120 1015	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
	Hinge Screw
14583 1803	Feed Regulator
568E 1851	" " Hinge Screw
254p 1813	" " Thumb Screw
14525 1801	" Rock Shaft
14504 1803	" " for 300c
14505 1803	" " " Arm with 436c
2117 1828	""" " Pin
436c 1852	" " " Set Screw
4448 1828	" " Back Bearing Oil Tube.
14526 1803	" " Crank (forked) with
	445c, for 14525
14522 1803	Feed Rock Shaft Crank with 445c, for
	14524
14524	Feed Rock Shaft Crank complete for
	14504, Nos. 164D, 6312, 14522 and
	14523
3012 1828	Feed Rock Shaft Crank Pin for 14526
2117 1828	" " " " " 14522
14523 1825	""""Roller
164d 1852	" " " Cap Screw
6312 1826	
	Washer
445c 1852	Feed Rock Shaft Crank Set Screw
300c 1852	" " Screw Centre
1513E 1824	" " " " Nut
14506 1801	" Rod
23c 1851	" " Hinge Screw
14501 1825	" " Spring
219р 1889	" " " Screw

### PARTS FOR MACHINE NO. 11-16

NO. PLATE	NAME
11538 1870	Needle Bar
11539 1866	" " Connecting Link
566c 1851	" " " Hinge Screw
1513E 1824	
10136 1024	Nut
11000 1014	Nut Needle Bar Connecting Stud with two
11383 1814	
445c 1852	Needle Bar Connecting Stud Set Screw.
14728 1870	Fiame with 100D and 1102.
14610 1811	Call
14611 ——	Needle Bar Frame Cam complete, Nos.
	14610, 14612 and two 159D
$14612 \ 1811$	Needle Bar Frame Cam Bevel Gear
567d 1851	" " Screw
14613 1811	" " " Cover
202д 1852	" " " " Screw
159d 1852	" " " Screw
14614 1811	" " " Driving Bevel Pinion
	with two 445c
445c 1852	Needle Bar Frame Driving Bevel Pinion
	Set Screw
14615  1828	Needle Bar Frame Hinge Pin
435c 1852	" " Set Screw
14729 1870	" " " Pitman
1371c 1889	" " " Hinge Screw
14730 1871	"""""Stud
14731 1871	""""Col-
	lar with 448c
448c 1871	Needle Bar Frame Pitman Hinge Stud
	Collar Set Screw
14534 1811	Needle Bar Frame Regulator with 1813
	and two 212p
1086e 1854	Needle Bar Frame Regulator Adjusting
10001 1001	Screw
14616 1825	Needle Bar Frame Regulator Adjusting
14010 1025	Screw Sleeve
212p 1813	Needle Bar Frame Regulator Adjusting
2120 1010	Screw Stop Screw
1000- 1054	Needle Bar Frame Regulator Adjusting
1639d 1854	
1010 1054	Screw Thumb Nut
1813 1854	Needle Bar Frame Regulator Roller and
101 10-0	Stud.
164р 1852	Needle Bar Frame Regulator Screw
41544 1826	W ASHCI
14732 1871	Inread Guard
190d 1824	Screw
56522 1869	" " " Washer (steel)

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NO. PLATE	NAME
19702 1829	Needle Clamp with 6800 and 11385
11385 1825	" " Gib
680p 1855	" " Thumb Screw
11497 1857	Oil Cup
11917 1857	" " Cover
9084 1828	""""Hinge Pin
2205 1825	" " Latch Spring
207F 1852	" " " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
0102 1020	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
1010 1020	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
11021 1001	11497, 11917 to 11919, two 8953 and
	three 207F
134d 1852	Oil Cup Screw
56534 1804	Oscillating Rock Shaft (steel)
56535	Oscillating Rock Shaft complete, Nos.
	622c, 11165, 11398, 56534 and two
	1508E
11398 1804	Oscillating Rock Shaft Hinge Pin
1508e 1101	" " " " " Nut
622c 1854	" " " Screw
	Bearing
1508e 1101	Oscillating Rock Shaft Hinge Pin Screw
	Bearing Nut
11165 1826	Oscillating Rock Shaft Oil Pad
56523 $1867$	" Shaft with 2049 and 56524
11848	" " Crank
19696  1824	Oscillating Shaft Crank complete, Nos.
	453c, 1513E, 5868 and 11848
2117 - 1828	Oscillating Shaft Crank Pin
453c 1824	" " . " Set Screw
9119 1824	" " Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 190D, 1054c, 5968 and 9119.
190d 1824	Oscillating Shaft Crank Slide Block Cap
	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
	Stud
1513e 1824	Oscillating Shaft Crank Slide Block Screw
	Stud Nut

#### PARTS FOR MACHINE NO. 11-16

NO. PLATE	NAME
*56524	Oscillating Shaft Sleeve
2049 1828	" " " Pin
14603 1805	Presser Bar.
	" " Guide Bracket with 145D and
14532 1809	Guide Diacket with 1400 and
145d 1852	Presser Bar Guide Bracket Adjusting
	Screw
14617 1807	Presser Bar Guide Bracket Guide with
	2022
381ъ 1851	Presser Bar Guide Bracket Guide Screw
445c 1852	" " " " Set Screw
$14761 \ 1870$	" " Lifter
8760  1826	" " " Friction Washer
50063d 1889	" " " Hinge Screw
1513e 1824	""""""Nut
194d 1889-	""""Screw Stud
2022 1828	""" Stop Pin
11991 1805	" " Spring
11411 1825	" " Collar with 453c
453c 1824	" " " Set Screw
12083 1846	" Foot for 12081
12083 1846	« « « «
14559 1838	" (left of needle) for 14716
14558 1838	(right of needle) for 14722.
176d 1852	DCIEW
14535 $1821$	Shuttle Bobbin
14528  1822	• Cylinder
12000 1819	ringe rin
14529 $1822$	" " Latch
2027 1821	" " Pin
11854 1821	" " Spring
590e 1821	" " " Screw
14530 $1822$	" Frame
774c 1821	" Tension Regulating Screw
14531  1822	" " Spring
14527  1822	Shuttle (cylinder) 21/2 in. diam., complete,
	Nos. 590E, 774c, 2027, 11854, 12000,
	14528 to 14531 and 14535
56525 1872	Shuttle Driver and Feed Lifting Cam
2049 1828	""""""""Pin.
14618 1818	" Race
141c 1852	" " Screw
14766 1871	Tension (lower) Bracket
190b 1824	" " " Screw
8879 1827	" " Friction Washer (cloth)
11043 1826	" " " (steel)
1560c 1854	" " Regulating Thumb Nut
19000 1894	regularing rudino Nat

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NO. PLATE	NAME
8905 1827	Tension (lower) Regulating Thumb Nut
	Washer
632d 1855	Tension (lower) Screw Stud
8791 1827	" " Spring
11044 1827	" " Wheel
2102 1827	" (upper) Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	« «' « « « «
	Washer
14767 1871	Tension (upper) Releaser
14768 1862	" " " Body
14769 1871	"" Block
	(lower)
401p 1851	Tension (upper) Releaser Body Block
	(lower) Screw.
14770 1871	Tension (upper) Releaser Body Block
	(upper)
401р 1851	Tension (upper) Releaser Body Block
	(upper) Screw
756d 1871	
14771	Tension (upper) Releaser complete, Nos.
	14767 to 14770, two 756D and four 401D
50064д 1889	Tension (upper) Screw Stud
2103 1827	" " Spring
11950 $1829$	" " " Thread Eyelet
14621 1808	
8873 1828	" " " Pin
<b>434</b> c 1852	
14623 1807	" " Lever with 1995
567d 1851	" " Hinge Screw
1995 1889	
	Stud with 1518E
1518E 1813	
	Stud Nut
8798 1827	
14624 1827	Regulator Plate
190d 1824	
	Adjusting Screw
14772 1869	
690d 1889	BUIGW
41544 1826	washer
12084 1846	
14520 1838	14/10
14521 1838	14/22
14519 1837	Holder
389F 1851	Screw
202D 1852	Screw (long)
228d 1852	" " (short)

# MACHINE NO. 11-17

#### FOR MILITARY BOOT LEGS AND SIMILAR TUBULAR WORK. HAS DROP FEED UP THE ARM AND PARTS TO CHANGE TO FEED ACROSS THE ARM

### This Machine is the same as No. 11-13 with the following exceptions:

NO.	PLATE	NAME
14716	1881	Feed Dog (left of needle) for 14715, in place of 14564
14570	1882	Feed Dog (double)
14559	1838	Presser Foot (left of needle) for 14716, in place of 14567
14680	1882	Presser Foot (short right toe) for 14570.
11994	1840	Roller Arm for 11992, in place of 12031
14551	1842	"""14553
11995	1840	" " Bracket for 11992, in place of
		12032
14552	1842	Roller Arm Bracket for 14553
2071	1852	" " Lock Spring Screw, in place
		of 176p and 1549p
14553	1842	Roller Presser (left of needle) 11/4 in.
		roller, complete, Nos. 207 <b>F</b> , 440 <b>F</b> , 1899, 2205, 14551, 14552, two 316 <b>F</b> and three
		1547 D
11992	1840	
11994	1010	roller, complete, Nos. 207F, 440F, 1899,
		2205, 11994, 11995, two 316F and three
		1547D, in place of 12030
14520	1838	Throat Plate for 14716, in place of 14568.
14681	1882	" (rounded edges) for 14570.
14001	1004	(rounded edges) for 14070

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### LIST OF PARTS COMPLETE

#### FOR

# MACHINE NO. 11-18

#### FOR LEATHER. DROP FEED ACROSS THE ARM, HAS ALTERNATING PRESSERS

NO. PLATE	NAME
*12036	Arm with 65D and 14710
8702 1828	" Dowel Pin
338e 1853	" Screw
12085 1800	" Shaft
$11954 \ 1809$	" " Bushing
446c - 1852	"""" Set Screw
6804 $1804$	" " Gear with 453c
2117  1828	"""Pin
453c 1824	""" Set Screw
144р 1852	" " Screw
14710  1862	" Side Cover
65d 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
446c 1852	""""Set Screw
6805 1804	" " " Shaft
6806 1804	""""Gear with 453c
2117 1828	""""Pin
453c 1824	""""Set Screw
144d 1852	" " " Screw
8708 1828	" Spool Pin
11241  1863	" " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
12096  1802	Crank Connecting Rod with 14541 and
	two 145E
*14541 ——	Crank Connecting Rod Cap
$145 \pm 1852$	" " " Serew
$565c \ 1851$	" " Hinge Screw
$1513 \pm 1824$	" " " " Nut
*14662	Cylinder, $3\frac{1}{8}$ in. diam
3032  1803	Feed Cam with 446c
$446c \ 1852$	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518E 1813	" " " " Nut
14721  1881	" Dog
14715 1866	" " Carrier

NO. P	LATE	. NAME
792c	1813	Feed Dog Screw
12097	1802	" Forked Connection
372c	1851	" " Hinge Screw
		(lower)
375c	1813	Feed Forked Connection Hinge Screw (upper)
1518E	1813	Feed Forked Connection Hinge Screw
10105	1010	Nut
12091	1813	Feed Regulator
58e	1813	" " Hinge Screw
254D	1813	" " Thumb Screw
12087	1801	" Rock Shaft
14630		Feed Rock Shaft complete, Nos. 12087
		and 14631
4448	1828	Feed Rock Shaft Back Bearing Oil Tube.
14631	1803	" " " Crank with 453c
2117	1828	""" " Pin
453c	1824	" " " Set Screw
11475	1805	Lifting Presser Bar
11476	1810	" " " Bell Crank " " " H i n g e Cap Screw
166d	1855	" " " " Hinge
	1011	Cap Screw.
1851	1851	Lifting Presser Bar Bell Crank Lifting
610d	1079	Roller with 6100 Lifting Presser Bar Bell Crank Lifting
0100	1694	Roller Screw
1518e	1813	Lifting Presser Bar Bell Crank Lifting
10105	1010	Roller Screw Nut.
2718	1826	Lifting Presser Bar Bell Crank Lifting
2,10	1040	Roller Screw Nut Washer
11478	1810	Lifting Presser Bar Bracket with two
		145F
145F	1852	Lifting Presser Bar Bracket Clamping
		Screw
11909	1806	Lifting Presser Bar Lifter with 8761 and
		8763
8760	1826	Lifting Presser Bar Lifter Friction Washer
16p	1851	" " " Hinge Screw
8761	1828	" " " " Stop Pin
11907	1806	" " Lifting Link
166D		" " " Cap
1000	1000	Screw
8763	1828	Lifting Presser Bar Lifting Link Hinge
0100	1020	Stud
7958	1828	Lifting Presser Bar Lifting Link Hinge
		Stud Pin.

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NO. PLATE	NAME
8765 1826	Lifting Presser Bar Lifting Link Hinge
	Stud Washer
11479 1810	Lifting Presser Bar Rock Shaft
11480 1810	" " " Adjusting
9117 1999	Arm with 190p.
2117 1828	Lifting Presser Bar Rock Shaft Adjusting
190p 1824	Arm Pin Lifting Presser Bar Rock Shaft Adjusting
1000 1021	Arm Set Screw
11481 1810	Lifting Presser Bar Rock Shaft Bracket
2002 1828	« « « « « « «
	Dowel Pin (lower)
4389 1828	Lifting Presser Bar Rock Shaft Bracket
100 1070	Dowel Pin (upper).
123e 1852	Lifting Presser Bar Rock Shaft Bracket Screw
11484 1810	Lifting Presser Bar Rock Shaft Crank
	with 453c and 1850
2117 1828	Lifting Presser Bar Rock Shaft Crank
	Pin
$1850 \ 1854$	Lifting Presser Bar Rock Shaft Crank
	Roller and Stud
453c 1824	Lifting Presser Bar Rock Shaft Crank
11490 1010	Set Screw
11486 1810	Lifting Presser Bar Rock Shaft Eccentric
141f 1852	Strap with two each 141r and 1528b Lifting Presser Bar Rock Shaft Eccentric
1117 1002	Strap Adjusting Screw
1528p 1854	Lifting Presser Bar Rock Shaft Eccentric
	Strap Adjusting Screw Nut
608c 1851	Lifting Presser Bar Rock Shaft Eccentric
	Strap Hinge Screw
1518E 1813	Lifting Presser Bar Rock Shaft Eccentric
	Strap Hinge Screw Nut
$11487 \ 1825$	Lifting Presser Bar Rock Shaft Eccentric
11488 1826	Strap Hinge Screw Slide
11400 1020	Lifting Presser Bar Rock Shaft Eccentric Strap Hinge Screw Slide Washer
258E 1854	Lifting Presser Bar Screw Bushing
11489 1810	" " Sleeve (lower)
11490 1810	
11491 ——	" " " " " 11490
	with 11492
$11492 \ 1825$	Lifting Presser Bar Sleeve (upper) Cap
11493 1801	" " " Spring (flat)
56518 1870	""""Bracket
138E 1101	" " " Screw.

#### PARTS FOR MACHINE NO. 11-18

NO. PLATE	NAME
11495 1829	Lifting Presser Bar Spring Bracket Thread
	Eyelet
190n 1824	Lifting Presser Bar Spring Bracket Thread
	Eyelet Screw
4389 1828	Lifting Presser Bar Spring Guide Pin
14538 1839	" " Foot with 211F
2049 1828	" " Pin
211f 1852	" " Set Screw
11380 1805	Needle Bar
11539 1866	" " Connecting Link
566c 1851	" " " Hinge Screw
1513E 1824	
	$\mathbf{Nut}$
11383 1814	Needle Bar Connecting Stud with two
	445c
445c 1852	Needle Bar Connecting Stud Set Screw.
$258 \pm 1854$	" " Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680D 1855	" " Thumb Screw
11497 1857	Oil Cup
11917 1857	" " Cover
9084 1828	" " " Hinge Pin
2205 1825	Laten Spring.
207f 1852	Screw
11919 1829	Inread Lyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	washer (steel) for
	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
007- 1050	11917.
207F 1852 11921 1857	Oil or Wax Stripper Washer Screw
11921 1897	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and three 207r
134р 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	" " " Hinge Pin
435c 1852	""" "" " Set
4000 1004	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14632 1800	"Shaft
12088	" " Crank
14633 1823	Oscillating Shaft Crank complete, Nos.
1000 1020	453c, 1513E, 5868 and 12088
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " Set Screw
1000 1001	

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NO. P	LATE	NAME
9119	1824	Oscillating Shaft Crank Slide Block
5868	1824	Oscillating Shaft Crank Slide Block com-
		plete, Nos. 190D, 1054c, 5968 and 9119.
190d	1824	Oscillating Shaft Crank Slide Block Cap
1000		Screw
5968	1824	Oscillating Shaft Crank Slide Block Cap
		Screw Washer
1054c	1824	Oscillating Shaft Crank Slide Block Screw
10010		Stud
1513E	1824	Oscillating Shaft Crank Slide Block Screw
		Stud Nut
609d	1855	Pressure Regulating Thumb Screw
14535	1821	Shuttle Bobbin
12093	1820	" Cylinder
12000	1819	" " Hinge Pin
12001	1821	" " Latch
2027	1821	" " Pin
11854	1821	" " " Spring
590e	1821	« « " Screw
12094	1820	" Frame
773c	1820	" Tension Regulating Screw
12095	1820	" " Spring
12092	1820	Shuttle (cylinder) 21/2 in. diam., complete,
		Nos. 590E, 773c, 2027, 11854, 12000,
		12001, 12093 to 12095 and 14535
12006	1821	Shuttle Driver and Feed Lifting Cam
2049	1828	" " Pin.
14554	1818	" Race
141c	1852	" " Screw
11502	1809	Tension Bracket and Vibrating Presser
		Bar Cap with 11424
11501		Tension Bracket and Vibrating Presser
		Bar Cap complete, Nos. 122D, 9525,
		11502, 11506, 11936, 11937, 12042 and
		two 190d
159F	1852	Tension Bracket and Vibrating Presser
		Bar Cap Screw (left)
145F	1852	Tension Bracket and Vibrating Presser
		Bar Cap Screw (right)
8879	1827	Tension Friction Washer (cloth)
11423	1826	" " (steel)
1 200 -	1054	$\alpha = 0$ $\beta = 0$ $\beta = 0$ $\beta = 0$ $\beta = 0$

"

"

" "

"

"

1560c 1854

8905 1827 607d 1855

122в 1852

8791 1827

11044 1827

Regulating Thumb Nut...... " " Washer.. Screw Stud.....

" " Clamping Screw.....

Spring.....

Wheel....

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PARTS FOR	MACHINE	NO.	11-18		71
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NO. PLATE	NAME
12042 —	Tension (wheel) complete, Nos. 607p,
12012	1560c, 8791, 8905, 11044, 11423 and two
11404 1000	8879 Thread Eyelet (front of arm) for 11502
11424 1829	
11950 1829	(side of arm) for 11505
2102 1827	Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	
000- 10FF	Washer
606p 1855	Thread Retaining Screw Stud
2103 1827	opring
11503	Thread Retainer complete, Nos. 606p, 1560c, 2103, 8905 and two 2102
12044 1808	Thread Take-up Cam with two 434c
8873 1828	" " Pin
434c 1852	" " Set Screw
11845 1807	" " Lever with 1995
567d 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
11506 1827	Thread Take-up Spring
11936 1827	" " Regulator Plate
190n 1824	
	Adjusting Screw
11937 1829	Thread Take-up Spring Staple
9525 1826	" " Washer
14663 ——	Throat Plate Body
14563 $1841$	" " Needle Hole Strip
401d 1851	" " " " Screw
14664 1839	Throat Plate complete for 14721, Nos.
	14563, 14663 and two 401D
14519 1837	Throat Plate Holder
389г 1851	" " Screw
202d 1852	" " Screw (long)
228d 1852	" " " (short)
11508 1809	Vibrating Presser Bar
11509 1826	" " Cushion (rawhide).
233р 1852	" " " Screw
14601 1810	" " Hinge Bracket with
	145ғ
145 <b>f</b> 1852	Vibrating Presser Bar Hinge Bracket Adjusting Screw
164p 1852	Vibrating Presser Bar Hinge Cap Screw
41544 1826	" " " " " " "
	Washer

NO.	PLATE		NAM	E		
11512	1825	Vibrating	Presser	Bar &	Spring.	
11939	1829	"	""	"	"	Adjusting
		Staple.				
190	d 1824					Adjusting
		Staple 8	Screw			
223	d 1819	Vibrating	Presser	Bar 8	Spring S	crew
11513	1839	"	"			
191	c 1852	"	"	"	Screw.	

### LIST OF PARTS COMPLETE

### FOR

### MACHINE NO. 11-19

#### FOR LEATHER. DROP FEED ACROSS THE ARM, HAS VIBRATING PRESSER .

NO. PLA	TE	N	AME	
*14636 -	Arm	with 65p a	and 14710	
8702 18	328 "	Dowel Pir	1	
338E 18	853 "			
12085 18	300 "			
11954 1	809 "			
446c 1	852 "			w
6804 13	804 "	" Gea	r with 453c.	
2117 18	328 "	** **	Pin	
453c 1	824 "	"	Set Screw.	
144D 1	852 "	" Scre	w	
14710 1	862 "	Side Cove	r	
65D 1	851 "	** **	Hinge Scre	<b>v.</b>
11957 1	801 "	" Whee	el with two 4	46c
446c 1	852 "	** **	Set Screw.	
6805 1	804 "	" "	Shaft	
6806 1	804 "	** **	" Gear	with 453c
2117 1	828 "	** **	** **	Pin
453c 1	824 "	** **	** **	Set Screw
144р 1	852 "	** **	" Scre	<i>N</i>
8708 1	828 "	Spool Pin		
11241 1	863 "	** **	Washer (clo	th)per 100
11960 1	801 Bal	ance Wheel	with two 35	4c
354c 1	101		Set Screw	
12096 1	802 Cra	nk Connec	ting Rod w	ith 14541 and
	tr	wo 145E		

### PARTS FOR MACHINE NO. 11-19

NO. PLATE	NAME
*14541	Crank Connecting Rod Cap
145E 1852	" " " " Screw
565c 1851	" " Hinge Screw
· 1513E 1824	" " " " Nut
*14662	Cylinder, 3½ in. diam
3032 1803	Feed Cam with 446c
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518E 1813	" " " " " Nut
14721 1881	" Dog
14715 1866	" " Carrier
792c 1813	" " Serew
12097 1802	" Forked Connection
372c 1851	" " " Hinge Screw
572C 1891	(lower)
375c 1813	Feed Forked Connection Hinge Screw
949C 1919	(upper)
1510- 1019	Feed Forked Connection Hinge Screw
1518e 1813	
10001 1019	Nut.
12091 1813	Feed Regulator
58e 1813	Timge Berew
254d 1813	1 Humb Octew
12087 1801	" Rock Shaft
14630	Feed Rock Shaft complete, Nos. 12087
•	and 14631
4448 1828	Feed Rock Shaft Back Bearing Oil Tube.
14631 1803	UTAILK WITH 4000
2117 1828	<b>F</b> 111
453c 1824	Det Delew
11402  1805	Lifting Presser Bar
12048 1807	" " Bell Crank with 1518E,
	1828 and 2718
8d 1851	Lifting Presser Bar Bell Crank Hinge
	Screw
1828 1854	Lifting Presser Bar Bell Crank Roller
	with 372c
$372c \ 1851$	Lifting Presser Bar Bell Crank Roller
	Screw
$1518 \pm 1813$	Lifting Presser Bar Bell Crank Roller
	Screw Nut.
2718, $1826$	Lifting Presser Bar Bell Crank Roller
	Screw Nut Washer
14586 1809	Lifting Presser Bar Guide Bracket with
	159d, 453c and 460c
159d 1852	Lifting Presser Bar Guide Bracket Ad-
	justing Screw

NO. PLATE	NAME
56516 1862	
+0010 1001	Lifting Presser Bar Guide Bracket Guide
1340 1852	
	Screw (lower)
123d 1852	Lifting Presser Bar Guide Bracket Guide
	Screw (upper)
453c 1824	Lifting Presser Bar Guide Bracket Set
	Screw
11909 1806	Lifting Presser Bar Lifter with 8761 and
	8763
8760 1826	Lifting Presser Bar Lifter Friction Washer
16d 1851	""" " " " Hinge Screw
8761 1828	""""Stop Pin
11906 1806	" " Lifting Link
353c 1854	" " " Cap Screw
8763 1828	" " " " " Hinge
	Stud
7958 1828	Lifting Presser Bar Lifting Link Hinge
	Stud Pin.
8765 1826	Lifting Presser Bar Lifting Link Hinge
	Stud Washer
258E 1854	Lifting Presser Bar Screw Bushing
11409 1805	" " Spring
11465 1815	" " " Bracket with
	353c
353c 1854	Lifting Presser Bar Spring Bracket Set
	Screw
11466 1826	Lifting Presser Bar Spring Bracket Set
	Screw Washer
11380 1805	Needle Bar
11539 1866	" " Connecting Link
566c 1851	" " " Hinge Screw
1513E 1824	<i></i>
	Nut
11383 1814	Needle Bar Connecting Stud with two
	445c
445c 1852	Needle Bar Connecting Stud Set Screw.
258E 1854	" " Screw Bushing
19702 1829	" Clamp with 680b and 11385
11385 1825	" " Gib
680p 1855	" " Thumb Screw
11497 1857	Oil Cup
11917 1857	" " Cover
9084 1828	" " " Hinge Pin
2205 1825	" " Latch Spring
207F 1852	" " " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
0000 1020	or max outpper (reformance)

### PARTS FOR MACHINE NO. 11-19

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NO. PLATE	NAME
8482 1826	Oil or Wax Stripper Washer (steel) for
0101 1040	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207 <i>F</i>
134р 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	", " " Hinge Pin
435c 1852	" " " " Set
	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14632 1800	" Shaft
12088 —	Oralik
14633 1823	Oscillating Shaft Crank complete, Nos.
0117 1000	453c, 1513E, 5868 and 12088
2117 1828	Oscillating Shaft Crank Pin " " Set Screw
453c 1824	" " Slide Block
9119 1824 5868 1824	Oscillating Shaft Crank Slide Block com-
3808 1824	plete, Nos. 1900, 1054c, 5968 and 9119.
190 <b>D</b> 1824	Oscillating Shaft Crank Slide Block Cap
1000 1021	Screw
. 5968 1824	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
	Stud Nut
$252 \pm 1854$	Pressure Regulating Thumb Screw
14535 $1821$	Shuttle Bobbin
12093  1820	" Cylinder
12000 1819	" Hinge Pin
$12001 \ 1821$	
2027 1821	<b>Г</b> Ш
11854 1821	" " Spring " " " Screw
590E 1821	
12094 1820	Frame.
773c 1820	rension negulating borew
12095 1820	oping
12092 1820	Shuttle (cylinder) 2½ in. diam., complete, Nos. 590E, 773c, 2027, 11854, 12000,
	Nos. 5906, $773C$ , $2027$ , $11854$ , $12000$ , $12001$ , $12093$ to $12095$ and $14535$
12006 1821	Shuttle Driver and Feed Lifting Cam
2049 1828	" " " " " " " Pin,
-010 1000	4 114.

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NO. PLATE	NAME
14554 1818	Shuttle Race
141c 1852	" " Screw
11421  1814	Tension Bracket
190d 1824	" " Screw
8879 1827	" Friction Washer (cloth)
11423 $1826$	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer
411d 1855	" Screw Stud
$11422 \ 1827$	" Spring
11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
11950 1829	Thread Eyelet
2102 1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	
202 1055	Washer
606d 1855	Thread Retaining Screw Stud
2103 1827	
11503 —	Thread Retainer complete, Nos. 606D, 1560c, 2103, 8905 and two 2102
12050 1808	Thread Take-up Cam with two 434c
8873 1828	" " Pin
434c 1852	" " Set Screw
11845 1807	" " Lever with 1995
567p 1851	" " " Hinge Screw
1995 1889	" " Roller and Screw
1330 1003	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
10100 1010	Stud Nut.
11052 1827	Thread Take-up Spring
11431 1827	" " " Regulator Plate
190ъ 1824	« « « « «
	Adjusting Screw
14663	Throat Plate Body
14563 1841	" " Needle Hole Strip
401 <b>D</b> 1851	" " " " Screw
14664 1839	Throat Plate complete for 14721, Nos.
	14563, 14663 and two 401p
14519 1837	Throat Plate Holder
389F 1851	" " Screw
202d 1852	" " Screw (long)
228p 1852	" " " (short)
14592 1809	Vibrating Presser Bar
1000	······································

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PARTS	FOR	MACHINE	NO.	11-19	

NO. F	PLATE	NAME
14593	1809	Vibrating Presser Bar Guide Bracket with
		448c
14594	<u> </u>	Vibrating Presser Bar Guide Bracket com-
		plete, Nos. 231c, 11472, 14593, 14595
		and two 190p
14595	1809	Vibrating Presser Bar Guide Bracket
		Cap
190d	1824	Vibrating Presser Bar Guide Bracket
		Cap Screw
2117	1828	Vibrating Presser Bar Guide Bracket
		Pin
448c	1852	Vibrating Presser Bar Guide Bracket
		Set Screw
14596	1828	Vibrating Presser Bar Hinge Pin
460c	1852	"""Set
		Screw
11471	1829	Vibrating Presser Bar Spring
11472	1829	"""Bracket
231c	1852	ec c c c c
		Screw
		ference of the second sec
56517	1887	Vibrating Presser Foot
56517 898d		Vibrating Presser Foot

# MACHINE NO. 11-20

#### FOR CLOTH. FOR QUILTING BED COVERS, BINDING, ETC., DROP FEED Across the Arm, has alternating pressers and Foot lifter

This Machine is the same as No. 11-18 with the following exceptions:

NO. PLATE	NAME
56509 1864	Cloth Plate
56510 1865	" " Bracket with two 345c
345c 1889	" " " Set Screw
14788 ——	Cloth Plate with Bracket complete, Nos.
	56509, 56510 and two 389F
389f 1851	Cloth Plate Screw
14720 1881	Feed Dog (double) in place of 14721
14561	Throat Plate Body, in place of 14663
14562  1841	Throat Plate complete for 14720, Nos.
	14561, 14563 and two 401D, in place of
	14664
12099 1836	Vibrating Presser Foot, in place of 11513.

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# LIST OF PARTS COMPLETE

### FOR

### MACHINE NO. 11-21

# FOR CLOTH OR LEATHER. DROP FEED UP THE ARM, MAKES STITCH FROM $\frac{1}{8}$ TO: $\frac{1}{2}$ Inch long

NO. PLATE	NAME
*11951	Arm with 65p and 14710
8702 1828	" Dowel Pin
338E 1853	" Screw
14539 1800	" Shaft
11954 1809	" " Bushing
446c 1852	" " Set Screw
6804 1804	" " Gear with 453c
2117 1828	" " " Pin
453c 1824	" " " Set Screw
144p 1852	" " Screw
14710 1862	" Side Cover.
65p 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
446c 1852	" " Set Screw
6805 1804	""" " Shaft
6806 1804	""""Gear with 453c
2117 1828	""""""Pin
453c 1824	" " " Set Screw
144p 1852	""""Screw
8708 1828	" Spool Pin
11241 1863	" " " Washer (cloth)per 100
11960 1801	Balance Wheel with two 354c
354c 1101	" " Set Screw
14540 1802	Crank Connecting Rod with 14541 and
	two 145E
*14541	Crank Connecting Rod Cap
145e 1852	" " Screw
565c 1851	" " Hinge Screw
1513E 1824	""""""Nut.,
*14637	Cylinder, 3½ in. diam
3032 1803	Feed Cam with 446c
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518E 1813	""""""Nut
14645 1848	" Dog
176c 1852	" " Screw

NO. PLATE	NAME	
12062 1802	Feed Forked Connection	
375c 1813		nge Screw
1518E 1813		" " Nut
6132 1813	" " " <del>II</del>	niversal Joint
212c 1813		
2120 1010	Cap Screw	
23c 1851	Feed Forked Connection U	
200 1004	Hinge Screw	
11970 1813	Feed Regulator	
58E 1813		V
818p 1889	" " Thumb Ser	
14565 1803	" Rock Shaft	
14665 1803		436c
2117 1828		
436c 1852		crew
304c 1852		tre
1513E 1824		
14638 1801		
23c 1851	" Rod " " Hinge Screw	
14507 1825	" " Raising Block	
792c 1813	-	rew
14501 1825		
219D 1889	opring	
	Otrew	
$\begin{array}{rrrr} 11975 & 1805 \\ 11976 & 1814 \end{array}$	Needle Bar " " Connecting Link	
375c 1813	" " Connecting Lin	
		Hinge Screw
1518E 1813		•
14547 1814	Nut Needle Bar Connecting St	
14047 1014	_	
453c 1824	453c Needle Bar Connecting Stu	
4530 1824 258E 1854	" " Screw Bushing.	
19702 1829	" Clamp with 680D an	
11385 1825	" " Gib	
680p 1855	" " Thumb Screy	
11497 1857	I numb Berev	
11497 1857	Oil Cup	
9084 1828	" " Cover	
2205 1825	mige i m	
2205 1825 207f 1852	a a c c c c c c c c c c c c c c c c c c	
		Screw
	Inread Lyelet	
	" or Wax Stripper (felt) " " " " Washe	n (staal) fan
8482 1826		r (steel) for
11010 1005	11497	an (steel) for
11918 1825	Oil or Wax Stripper Wash	er (steet) for
	11017	
207f 1852	11917 Oil or Wax Stripper Washer	

NO. PLATE	NAME
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
134d 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	" " Hinge Pin
435c 1852	"""Set
	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14639 1800	" Shaft
13324 ——	" " Crank
$13416 \ 1824$	Oscillating Shaft Crank complete, Nos.
	453c, 1513E, 5868 and 13324
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " " Set Sorew
9119 1824	" " Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 190D, 1054c, 5968 and 9119.
190ь 1824	Oscillating Shaft Crank Slide Block Cap
	Screw.
5968 1824	Oscillating Shaft Crank Slide Block Cap
1014 1004	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
1513e 1824	Stud Oscillating Shaft Crank Slide Block Screw
1919E 1824	Stud Nut.
11986 1805	Presser Bar.
11988 1809	" " Guide Bracket with 175p and
11000 1000	446c
175d 1852	Presser Bar Guide Bracket Adjusting
	Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393.
164d 1852	Presser Bar Guide Bracket Guide Screw.
446c 1852	""""Set Screw
11990 1806	" " Lifter
685d 1851	" " " Hinge Screw
7393 1828	" " " Stop Pin
258e 1854	" " Screw Bushing
11991 1805	" " Spring
14572 1847	" Foot
176d 1852	" " Screw
$252 \pm 1854$	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
11999 1821	" Cylinder
12000 1819	" " Hinge Pin
12001 1821	" " Latch

NO. PLATE	NAME
2027 1821	Shuttle Cylinder Latch Pin
11854 1821	" " " Spring
590e 1821	" " " Screw
12004 1821	" Frame
774c 1821	" Tension Regulating Screw
12005 1821	" " Spring
11997 1821	Shuttle (cylinder) 2½ in. diam., complete,
	Nos. 590E, 774c, 2027, 11854, 11999 to
	12001, 12004, 12005 and 14535
14640 1823	Shuttle Driver and Feed Lifting Cam
2117 1828	" " " " " Pin.
14554 1818	" Race
141c 1852	" " Screw
12008 1814	Tension Bracket
190d 1824	" " Screw
8879 1827	" Friction Washer (cloth)
11423 1826	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer
411d 1855	" Screw Stud
11422  1827	" Spring
11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411D,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
14555 1829	Thread Eyelet (front of arm)
$11950 \ 1829$	" " (side of arm) for 11041
2102  1827	" Retaining Disc.
1560c $1854$	" " Regulating Thumb Nut
8905 1827	и и и и и
	Washer
686d 1855	Thread Retaining Screw Stud
2103 1827	" " Spring
11041	Thread Retainer complete, Nos. 686D,
	1560c, 2103, 8905 and two 2102
12014 1808	Thread Take-up Cam with two 435c
3012 1828	" " Pin
435c 1852	" " Set Screw
12016 1807	" " Lever with 1995
567d 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut

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NO.	PLATE			NAME				
11052	1827	Thread	Take	-up Sp	rin	g		
11431	1827	"	"		"	Regulator	Plate.	
190	D 1824	"	"		"	"	"А	d-
		justi	ng Ser	ew				-
14641	1848	Throat	Plate	for 14	645	5		•
14519	1837	"	"	Holde	<b>r</b>			• • •
389	f 1851	"	"	"	$\mathbf{s}$	crew		
202	D 1852	"	"	Screw	(la	mg)		
228	d 1852	"	"	"	(s)	200 <b>r</b> t)	. <b></b>	••

### MACHINE NO. 11-22

#### FOR HAND POWER, DIFFERS FROM NO. 11-+5-ONLY IN HAVING A HAND DRIVING MECHANISM ATTACHED TO THE S. D. A. HAND DRIVING ATTACHMENT PARTS

NO. PI	ATE		Ν	AME			
14686 J	1893	Arm Sha	<b>if</b> t				
14687	1893	Balance	Wheel.				
14688	1893	"	<b>44</b>	Hand	lle (w	ood).	
14689	1893	"	46	"			
1503 E	1854	**	"	"	"	' Nu	t
14690	1869	"	"	"	4	""	Washer
14691	1869	"	"	"	W	asher v	with 2049.
390д .	1889	"	"	"		"	Screw
2049	1828	"	44	"	$\mathbf{St}$	eady I	Pin
8873	1828	"	**	Pin.			
14692	1893	""	"	Stud	with	7393.	
1503e	1854	"	"	"	Nut.		
14693	1863	**	"	""	"	Washe	r
144d	1852	""	"	Cap	Screw	v	
14694	1869	"	"	<i>"</i>	"	Wash	ner
7393	1828	**	"	"	"	"	Steady
		Pin					
8984	1812	Brake B	lock (v	(boov			
9d	1851	"	" Se	erew.			
14695	1893	Friction	Pulley				
8714	1863	"	"	Pin.			
14696	1893	"	"	Shaf	t		
11442	1858	"	Washe	er (pa	per)		
401E	1851	46	"	$\operatorname{Ser}$	ew		
14697	1893	"	Wheel	with	two	354c	
8873	1828	"	"	Pin.			
354c	1101	"	"	Set S	Screw		

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### PARTS FOR MACHINE NO. 11-22

NO.	PLATE	NAME
56519	1893	Gear
56520	1893	" Cover for 56519
6901	<b>1889</b>	" " Screw
381	o 1851	" Screw
14700	1893	Lever
14701	1893	" Bracket with 446c
8873	1828	" " Dowel Pin
779	Е 1889	" " Screw
14702	1868	" Hinge Pin
446	c 1852	" " Set Screw
8992	1812	" Spring
56521	1893	Pinion for 56519
14705	1863	" Pin
14672	1858	Treadle (wood)
14673	1863	" Eyelet
342	е 1855	" " Screw
9842	1829	" " Washer
14674	1868	" Hinge
838	D 1889	" " Screw
14706		Treadle complete, Nos. 342E, 9842, 14672
		to 14674, 14708 and six wood screws
		1¼ in. No. 10
27639	1893	Treadle Pitman Rod (lower)
14707	1893	" " " (upper)
9079	1893	" " Clamp with 354c
354	c 1101	" " " " Screw
14708	1893	Treadle Pitman complete, Nos. 9079,
		14707 and 27639
14709		Hand Driving Attachment complete, Nos.
		9D, 144D, 390D, 8714, 8984, 8992, 11442,
		14686 to 14697, 14700 to 14702, 14705,
		14706, 56519 to 56521, two 8873, three
		1503E, four each 401E, 690D and six 381D

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### LIST OF PARTS COMPLETE For

### MACHINE NO. 11-23

#### FOR STITCHING FINE BOOT LEGS OR OTHER TUBULAR ARTICLES IN LIGHT AND MEDIUM WEIGHT LEATHER; HAS CYLINDER 2½ INCHES DIAMETER AT END, SHUTTLE NO. 6028, DROP FEED UP ARM, S. D. A.

NO. PLATE	NAME
*14791	Arm with 65p and 14710
8702 1828	" Dowel Pin
338E 1853	" Screw
14792 1867	" Shaft
11954  1809	" " Bushing
446c 1852	""" Set Screw
6804 1804	" " Gear with 453c
2117 1828	" " " Pin
453c 1824	""" " Set Screw
144р 1852	" " Screw
$14710 \ 1862$	" Side Cover
- 65d 1851	" " " Hinge Screw
11957 1801	" " Wheel with two 446c
$446c \ 1852$	""" " Set Screw
6805 1804	""""Shaft
6806 1804	"""""Gear with 453c
2117 1828	" " " " Pin
453c 1824	""""Set Serew
144d 1852	" " " Screw
8708 1828	" Spool Pin
11241  1863	" " Washer (cloth)per 100
14644  1858	Balance Wheel with two 354c
354c 1101	" " Set Screw
14789 1868	Crank Connecting Rod with 14790 and
	two 145E
*14790 ——	Crank Connecting Rod Cap
$145 \pm 1852$	" " " Screw
372c 1851	" " Hinge Screw
1518E 1813	" " " " Nut
*14793	Cylinder, 21/2 in: diam
3032 1803	Feed Cam with 446c
$446c \ 1852$	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518e 1813	" " " " Nut

NO. PLATE	NAME
14711 1884	Feed Dog.
176D 1852	" " Screw
12062 1802	" Forked Connection
375c 1813	" " " Hinge Screw,
1518E 1813	" " " " Nut
6132 1813	" " " Universal Joint
212c 1813	44 44 44 44 44
2120 1010	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
200 1001	Hinge Screw.
11970 1813	Feed Regulator
58E 1813	" " Hinge Screw
818p 1889	" " Thumb Screw
14794 1862	" Rock Shaft
14505 1803	" " " Arm with 436c
2117 1828	" " " Pin
436c 1852	" " " Set Screw
304c 1852	" " Screw Centre
1513E 1824	" " " " " Nut
14795 1864	" Rod
23c 1851	" " Hinge Screw
14507 1825	" " Raising Block
792c 1813	maising Diock
14501 1825	Durew
	opring
219D 1889 14796 1868	DUIEW
$\begin{array}{rrrr} 14796 & 1868 \\ 11976 & 1814 \end{array}$	Needle Bar
375c 1813	" " " " Hinge Screw
	"" " " " " " " " " " " Illige Screw
1518E 1813	
14547 1014	Nut.
14547 1814	Needle Bar Connecting Stud with two
453c 1824	453c Needle Bar Connecting Stud Set Screw
453C 1824 258E 1854	" " Screw Bushing
14797 1871	Inreau Guaru
233d 1852 2167 1871	19016W
	Clamp with 1908
196F 1871	DOLOW
11497 1857	Oil Cup
11917 1857	Ouver
9084 1828	11111gc 1 111
2205 1825	Laton spring
207f 1852	Bulew
11919 1829	I meau Eyelet
8953 1826	or wax sumper (left)
8482 1826	Washer (Steel) Io
	11497

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NO. PLATE	NAME
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921  1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
	three 207F
134d 1852	Oil Cup Screw.
6022 1862	Oscillating Rock Shaft (steel) with 4784.
3052 1862	""""Hinge Pin"
1513E 1824 4784 1863	" " " Oil Pad
4784 1805 14798 1864	" Shaft
12453 1863	" "Back Bearing Oil Tube
14799 1871	" " Crank with 1813 and two
	457c
2049 1828	Oscillating Shaft Crank Pin
1813  1854	" " Roller and Stud
457c 1871	" " Set Screw
11986 1805	Presser Bar
11988 1809	" " Guide Bracket with 175p and
	446c
175d 1852	Presser Bar Guide Bracket Adjusting
12066 1807	Screw Presser Bar Guide Bracket Guide with
12000 1804	7393
164d 1852	Presser Bar Guide Bracket Guide Screw.
446c 1852	""""Set Screw
11990 1806	" " Lifter
685d 1851	" " Hinge Screw
7393 1828	" " " Stop Pin
258e 1854	" " Screw Bushing
$11991 \ 1805$	" " Spring
14567 1844	root (left of needle)
176D 1852	DUPEW
252E 1854 1899 1840	Pressure Regulating Thumb Screw Roller, 1¼ in., with 634D and 1528D
12031 1844	" Arm
440F 1852	" " Adjusting Screw
1547D 1854	" " " " Nut
12032 1844	" " Bracket
316f 1852	" " " Serew Centre
1547р 1854	""""""""""""""""""""""""""""""""""""""
2205 1825	" " Lock Spring
176d 1852	""" " Serew
1549d 1854	"""""""Nut
634d 1840	" Screw
1528d 1854	" " Nut

### PARTS FOR MACHINE NO. 11-23

NO. PLATE	NAME
12030 1844	Roller Presser, 11/4 in. roller, complete,
	Nos. 176D, 440F, 1549D, 1899, 2205,
	12031, 12032, two 316F and three 1547D
176p 1852	Roller Presser Screw
2073 1873	Shuttle Bobbin
2211 1873	" " Retaining Spring
2212 1873	" " " Rivet,
2212 1010	per 100
<b>*6058</b>	Shuttle Body with 398E, 2082, 2084, 2211
	and two 2212
*2075	Shuttle Cover.
2076 1873	" " Hinge Pin
2078 1873	" Delivery Eye Thread Guard
2080 1873	" " " " Rivet.
2082 1873	" Main Spring
398E 1873	" " " Screw
2084 1873	" " Steady Pin
466H 1873	" Tension Regulating Screw
2086 1873	" " Spring
2090 1873	" " " Plate
112p 1873	" " " Screw
6028 1873	Shuttle (high point) complete, Nos. 112D,
0020 1010	466н, 2073, 2075, 2076, 2078, 2080, 2086,
	2090 and 6058
6147 1873	Shuttle Driver and Feed Lifting Cam
2049 1828	""" " " " " " " Pin.
14800 1874	" Race
16688	" " Cover
16689 1874	" " 16688 with 6472 and
10000 1011	two 240p
6472 1874	Shuttle Race Cover Latch
240p 1874	""""Screw
104p 1874	" " Screw
198p 1874	" " Screw
12008 1814	Tension Bracket
190 <b>D</b> 1824	" " Screw
8879 1827	" Friction Washer (cloth)
11423 1826	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " " Washer
411d 1855	" Screw Stud
11422 1827	" Spring
11044 1827	" Wheel
11420 —	Tension (wheel) complete, Nos. 411p,
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
14555 1829	Thread Eyelet (front of arm)

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NO. PLATE		NA	ME			
11950 1829	Thread E	velet (s	ide of ar	m) for	11041	
2102 1827	" B	etainin	g Disc			
1560c 1854	"	"	Regulat	ing T	humb	Nut
	"	"	"	8	**	.44
8905 1827	Washer					
	Thread R	atainin	~ Serew	Stud.		
686d 1855		ietainnn "	Spring.	Duu		
2103 1827	"		opring.	1	Nog f	386n
11041	Thread	Retaine	r comp	iete, 1	105. 1	JOOD,
	1560c,	2103, 8	905 and	two 2	102	• • • •
56508 1808	Thread 1		Cam w	ith two	5 <b>4</b> 35C	•••••
3012  1828	"	"				
435c 1852	"	"			w	
12016 1807	"	"	Lever w	ith 19/	95	
567p 1851	"	"	" E	Iinge S	Screw.	
1995 1889	"		" ]	Roller	and 8	Screw
1000 1000	Stud v	vith 151	8e		'	
1518E 1813	Thread '	Fake-ur	b Lever	Roller	and S	Screw
10108 1010	Stud 1	Nut	• • • • • • • •		<b>. .</b> .	
11894 1871	Thread 7	Fake-ur	Spring			
11431 1827	"	"	14	Regu	lator	Plate
11101 101	"	"	"	Ŭ,	"	46
190d 1824	1 dina	ting Sar	ew			
		ung ou	- 14711			
14712  1884			older			
14713 1884		" h	-			
389 <b>f</b> 1851						
219г 1889	"	" · Se	rew		· · · · · ·	
Fo	or Driving	Attack	nment P	arts, s	see Pa	ige tor

#### LIST OF PARTS COMPLETE

#### FOR

### MACHINE NO. 11-24

FOR MAKING OR COVERING EYELETS OR GROMMET HOLES, WITH OR WITHOUT METAL RINGS, IN TARPAULINS, SAILS, TENTS, MAIL BAGS, ETC. ALSO FURNISHED WITH PARTS FOR CHANGING TO FEED ACROSS THE ARM, FOR STRAIGHT STITCHING. DROP FEED. HAS CLEAR SPACE OF 30 INCHES AT RIGHT OF NEEDLE AND S. D. A. AS REGULARLY FURNISHED, HOLES  $\frac{1}{2}$ ,  $\frac{5}{6}$ ,  $\frac{3}{4}$  and  $\frac{7}{6}$  INCH DIAMETER CAN BE MADE, BUT IF SO ORDERED THE MACHINE WILL BE FITTED TO MAKE HOLES I INCH TO  $\frac{1}{2}$  INCHES DIAMETER, THE VARIATIONS IN SIZE BEING NOT LESS THAN  $\frac{1}{4}$  INCH

NO. PLATE	NAME
*14734	Arm with 65p and 14578
8702 1828	" Dowel Pin
496e 1853	" Screw
14735 1867	" Shaft
11354 1809	" " Bushing
437c 1852	" " " Set Screw
14606 1804	" " Gear with two 445c
3012 1828	"""Pin
445c 1852	" " " Set Screw
14578 1857	" Side Cover.
65 <b>D</b> 1851	" " " Hinge Screw
14579 1801	" " Wheel with two 446c
446c 1852	""" Set Screw
14607 1804	""" " Shaft
14608 1804	""""Gear with 453c
2117 1828	" " " " Pin
453c 1824	""""Set Screw
144 <b>d</b> 1852	" " Screw
8708 1828	" Spool Pin
11241 1863	" " Washer (cloth)per 100
11438 1858	Balance Wheel with two 354c
8873 1828	" " Pin
354c 1101	" " Set Screw
14736 $1865$	Cloth Plate with 14760 and four 389F, for
	1 in. to $4\frac{1}{2}$ in. grommet holes
14737 $1865$	Cloth Plate Bracket with two 345c,
345c 1889	" " Set Screw

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NO. PLATE NAME
14738 —— Cloth Plate with Bracket complete, Nos. 14736, 14737 and two 3895.
389F 1851 Cloth Plate Screw
11363 1802 Crank Connecting Rod with 11364 and
two 145E
*11364 — Crank Connecting Rod Cap
145E 1852 " " " Serew
Edt. 1951 " " Hingo Scrow
1513E 4824 " " " Nut.
*14609 Cylinder, 31/2 in. diam
11367 1803 Feed Cam with two 445c
445c 1852 " " Set Screw
11368 1803 " Connecting Link
565c 1851 " " " Hinge Screw
1513E 1824 " " " " " Nut.
14739 1885 " Dog for 14506
14716 1881 " " (left of needle) for 14715
14722 1881 " " (right of needle) for 14715
14733 1866 " " Adjusting Piece
14715 1866 " " " Carrier
792c 1813 " " " " Screw
176d 1852 " " Screw
14502 1802 " Forked Connection
565c 1851 " " " Hinge Serew
1513E 1824 """""" " Nut
6132 1813 " " " Universal Joint
212c 1813 " " " " "
Cap Screw
23c 1851 Feed Forked Connection Universal Joint
Hinge Screw
14583 1803 Feed Regulator
568E 1851 " " Hinge Serew
254D 1813 " " Thumb Strew
14525 1801 " Rock Shaft
14504 1805
14505 1803 " " " Arm with 436c
2117 1828
4300 1832 Bet Bet Bet W
4448 1828 Back Bearing On Tube:
14520 1803 Grank (forked) with
445c, for 14525
14522 1803 Feed Rock Shaft Crank with 445c, for
14524 — Feed Rock Shaft Crank complete for
14524 — Feed Rock Shaft Crank complete for 14504, Nos. 164D, 6312, 14522 and
14504, Nos. 164D, 651Z, 1452Z and 14523
3012 1828 Feed Rock Shaft Crank Pin for 14526

### PARTS FOR MACHINE NO. 11-24

NO. PLATE	NAME
2117 1828	Feed Rock Shaft Crank Pin for 14522
14523 1825	""""Roller
164d 1852	" " " " Cap Screw
6312 1826	
	Washer
445c 1852	Feed Rock Shaft Crank Set Screw
300c 1852	" " Screw Centre
1513e 1824	"""""""Nut
14506 1801	" Rod
23c 1851	" " Hinge Screw
14501  1825	" " Spring
219р 1889	" " " Screw
14740 1875	Grommet Hole Centre Guide (steel) for
	1/2 in. ring, for 14774
14741 1875	Grommet Hole Centre Guide (steel) for
14540 1055	5% in. ring, for 14776
14742 1875	Grommet Hole Centre Guide (steel) for
14743 1875	<sup>3</sup> / <sub>4</sub> in. ring, for 14777
14/43 18/3	Grommet Hole Centre Guide (steel) for <sup>7</sup> / <sub>8</sub> in. ring, for 14778
14744 1875	Grommet Hole Centre Guide (steel) for
14/44 18/3	1 in. ring, for 14779
14745 1875	Grommet Hole Centre Guide (cast iron)
11110 1010	for 1 in. hole, for 14780
14746 1875	Grommet Hole Centre Guide (cast iron)
11110 1010	for $1\frac{1}{4}$ ia. hole, for $14781$
	Nos. 14747 to 14759 for 14782
14747 1875	Grommet Hole Centre Guide (wood) for
14147 1010	$1\frac{1}{2}$ in. hole
14748 1875	Grommet Hole Centre Guide (wood) for
	1 <sup>3</sup> / <sub>4</sub> in. hole
14749 1876	Grommet Hole Centre Guide (wood) for
	2 in. hole.
14750 - 1876	Grommet Hole Centre Guide (wood) for
	2¼ in. hole
14751 1876	Grommet Hole Centre Guide (wood) for
	$2\frac{1}{2}$ in. hole
$14752 \ 1876$	Grommet Hole Centre Guide (wood) for
	2¾ in. hole
14753  1876	Grommet Hole Centre Guide (wood) for
	3 in. hole
14754 $1876$	Grommet Hole Centre Guide (wood) for
	31/4 in. hole
14755 + 1876	auto of other of the other othe
	$3\frac{1}{2}$ in. hole.
14756 1876	Grommet Hole Centre Guide (wood) for
	3¾ in. hole

NO.	PLATE	NAME
14757	1877	Grommet Hole Centre Guide (wood) for 4 in. hole
14758	1877	Grommet Hole Centre Guide (wood) for
14700	1011	4 <sup>1</sup> / <sub>4</sub> in. hole
14759	1877	Grommet Hole Centre Guide (wood) for 41/2 in. hole
14026	1885	Grommet Hole Centre Guide Position Pin for 14773 and 14775
8461	<b>&gt; 1886</b>	Grommet Hole Centre Guide Position Screw for 14782
1751	5 1852	Grommet Hole Centre Guide Screw for 1/2 to 11/2 in. centre guides
270.	o 1889	Grommet Hole Centre Guide Screw for
3701	0 1889	$1\frac{1}{2}$ in. to $4\frac{1}{2}$ centre guides
14760	1868	Grommet Hole Centre Guide Screw Block
		for 14736
3891	F 1851	Grommet Hole Centre Guide Screw Block
		Screw
11538	1870	Needle Bar
11539	1866	" " Connecting Link
566	c 1851	" " " Hinge Screw
1513	e 1824	. 66 66 66 66 66
		Nut
11383	1814	Needle Bar Connecting Stud with two 445c
445	c 1852	Needle Bar Connecting Stud Set Screw
14728	1870	" Frame with 1900 and 14732
14610	1811	" " " Cam
14611		Needle Bar Frame Cam complete, Nos.
		14610, 14612 and two 159D
14612	1811	Needle Bar Frame Cam Bevel Gear
	o 1851	" " " Screw
14613	1811	""" " Cover
202	D 1852	" " " " Screw
1591	b 1852	""""Screw
14614	1811	" " " Driving Bevel Pinion
		with two 445c
445	1852	Needle Bar Frame Driving Bevel Pinion Set Screw
14615	1828	Needle Bar Frame Hinge Pin
	c 1852	" " " " Set Screw
433	1870	
		ritman
	c 1889	tinge berew
14730	1871	a a a a a a a a a a a a a a a a a a a
14731	1871	
		Collar with 448c

### PARTS FOR MACHINE NO. 11-24

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NO. PLATE	NAME
448c 1871	Needle Bar Frame Pitman Hinge Stud Collar Set Screw
14534 1811	Needle Bar Frame Regulator with 1813
11001 1011	and two 212b
1086e 1854	Needle Bar Frame Regulator Adjusting
-	Screw
14616 1825	Needle Bar Frame Regulator Adjusting
	Screw Sleeve
212в 1813	Needle Bar Frame Regulator Adjusting
	Screw Stop Screw
1639d 1854	Needle Bar Frame Regulator Adjusting
	Screw Thumb Nut
1813 1854	Needle Bar Frame Regulator Roller and
164- 1059	Stud
164 <b>д 1852</b> 41544 1826	Needle Bar Frame Regulator Screw
14732 1871	" " " Thread Guard
190p 1824	" " " " Screw
56522 1869	" " Washer (steel)
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680p 1855	" " Thumb Screw
11497 1857	
11917 1857	Oil Cup
9084 1828	" " Cover" " " " Hinge Pin
2205 1825	" " Latch Spring
2005 1825 207f 1852	" " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
8482 1826	" " " Washer (steel) for
0402 1020	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
11910 1020	11917
207f 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
11541 1057	11497, 11917 to 11919, two 8953 and
	three 207F
134p 1852	Oil Cup Screw.
56534 1804	Oscillating Rock Shaft (steel)
56535	Oscillating Rock Shaft complete, Nos.
	622c, 11165, 11398, 56534 and two
11398 1804	1508E
	Oscillating Rock Shaft Hinge Pin
1508E 1101	
622c 1854	Screw
	Bearing

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NO.	PLATE	NAME
1508r	1101	Oscillating Rock Shaft Hinge Pin Screw
		Bearing Nut.
11165	1826.	Oscillating Rock Shaft Oil Pad
56523	1867	" Shaft with 2049 and 56524
11930		" " Crank
19697	1871	Oscillating Shaft Crank complete, Nos.
		453c, 1513e, 5868 and 11930
2117	1828	Oscillating Shaft Crank Pin
453c	: 1871	" " Set Serew
9119	1824	" " " Slide Block
5868	1824	Oscillating Shaft Crank Slide Block com-
		plete, Nos. 190D, 1054c, 5968 and 9119.
1901	1824	Oscillating Shaft Crank Slide Block Cap
		Screw
5968	1824	Oscillating Shaft Crank Slide Block Cap
		Screw Washer
1054c	: 1824	Oscillating Shaft Crank Slide Block Screw
		Stud
<b>1</b> 513e	: 1824	Oscillating Shaft Crank Slide Block Screw
1		Stud Nut
*56524		Oscillating Shaft Sleeve
2049	1828	" " " Pin
14603	1805	Presser Bar
14532	1809	" Guide Bracket with 145D and
145-	1020	445c.
1451	o 1852	Presser Bar Guide Bracket Adjusting Screw
14617	1807	Presser Bar Guide Bracket Guide with
	1001	2022
. 3811	<b>1851</b>	Presser Bar Guide Bracket Guide Screw.
	1852	"""""Set Screw
14761	1870	" " Lifter
8760	1826	" " " Friction Washer
. 500631	<b>1889</b>	" " " Hinge Screw
1513	1824	"""""Nut
1941	1889	" " " Screw Stud
2022	1828	"""" Stop Pin
11991	1805	" " Spring
11411	1825	" " Collar with 453c
<b>453</b> 0	1824	"""""Set Screw
14559	1838	" Foot (left of needle) for 14716
14558	1838	" " (right of needle) for 14722
14762	1887	" " for 14739, for grommet holes
	1887	" " " " rings
	1852	" " Screw
X 14535	1821	Shuttle Bobbin
` 14764	1872	" Cylinder

### PARTS FOR MACHINE NO. 11-24

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NO. PLATE	NAME
12000 1819	Shuttle Cylinder Hinge Pin
14529 1822	" " Latch
2027 1821	" " " Pin
11854 1821	" " " Spring
590E 1821	" " Spring
14530 1822	" Frame
773c 1820	" Tension Regulating Screw
12005 1821	" " Spring
14765 1872	Shuttle (cylinder) 2½ in. diam., complete,
14100 1072	Nos. 590E, 773c, 2027, 11854, 12000,
	12005, 14529, 14530, 14535 and 14764
56525 1872	Shuttle Driver and Feed Lifting Cam
2049 1828	""" " " " " " " Pin.
14618 1818	" Race
141c 1852	" " Screw
14766 1871	Tension (lower) Bracket
190p 1824	" " Screw
8879 1827	" " Friction Washer (cloth)
11043 1826	" " " " (steel)
1560c 1854	" " Regulating Thumb Nut
8905 1827	
	Washer
632р 1855	Tension (lower) Screw Stud
8791 1827	" " Spring
11044 1827	" " Wheel
2102 1827	" (upper) Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	« « « « « «
	Washer
14767 1871	Tension (upper) Releaser
14768 1862	" " " Body
14769 1871	"" "Block
	(lower)
401d 1851	Tension (upper) Releaser Body Block
	(lower) Screw
$14770 \pm 1871$	Tension (upper) Releaser Body Block
	(upper)
401d 1851	Tension (upper) Releaser Body Block
	(upper) Screw
756d 1871	Tension (upper) Releaser Screw
14771 ——	Tension (upper) Releaser complete, Nos.
	14767 to 14770, two 756D and four 401D
50064р 1889	Tension (upper) Screw Stud
2103 1827	" " Spring
11950 1829	" Thread Eyelet
14621 1808	Thread Take-up Cam with two 434c
8873 1828	" " " Pin

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NO. PLATE	NAME
434c 1852	Thread Take-up Cam Set Screw
19754 1868	" " Lever with 1948 and
	1995
567p 1851	Thread Take-up Lever Hinge Screw
1995 1889	" " " Roller and Screw
1990 1009	
1510-1019	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
10.00 1000	Stud Nut.
1948 1889	Thread Take-up Lever Thread Guiding
	Roller
8798 1827	Thread Take-up Spring
14624 1827	" " " Regulator Plate
190d 1824	cc 4c cc cc 4c
	Adjusting Screw
14772  1869	Thread Take-up Spring Staple
690d 1889	" " " Screw
41544 1826	" " " " Washer
14520 1838	Throat Plate for 14716
14521 1838	"""14722
14773 1885	" " with 14026, for 14739 for
	14774
14774 ——	Throat Plate 14773 with 175p and 14740.
	for $\frac{1}{2}$ in. ring
14775 1885	Throat Plate with 14026, for 14739 for
14110 1000	14776 to 14781
14776	Throat Plate 14775 with 175D and 14741,
14//0	
14777	for 5% in. ring
14777	Throat Plate 14775 with 175D and 14742,
	for <sup>3</sup> / <sub>4</sub> in. ring
14778 ——	Throat Plate 14775 with 175p and 14743,
	for 7/8 in. ring.
14779	Throat Plate 14775 with 175D and 14744,
	for 1 in. ring
14780 ——	Throat Plate 14775 with 175D and 14745,
	for 1 in. hole
14781	Throat Plate 14775 with 175D and 14746,
	for 1¼ in. hole
14782  1886	Throat Plate with 846p, for 14739 for
	14747 to 14759, for 1½ in. to 4½ in.
•	holes
$14783 \ 1888$	Throat Plate Holder
389F 1851	""" Screw
202р 1852	" " Screw (long)
228p 1852	""" (short)
	Driving Attachment Parts, see Page 100

# MACHINE NO. 11-25

#### HAS BALANCE WHEEL NO. 11356 FOR UNDER DRIVER, OTHERWISE SAME AS NO. 11-24

NO.	PLATE	NAME
14786	1867	Arm Shaft, in place of 14735
11356	1801	Balance Wheel with two 354c, in place of
		11438
8937	1863	Balance Wheel Pin, in place of 8873

### MACHINE NO. 11-26

### HAS S. D. A. OTHERWISE THE SAME AS NO. 11-16 MACHINE

NO.	PLATE	NAME
14735	1867	Arm Shaft, in place of 14786
11438	1858	Balance Wheel with two 354c, in place of
		11356
8873		Balance Wheel Pin, in place of 8937
	For I	Driving Attachment Parts, see Page 100

### ACCESSORIES

NO. PLATE	NAME
490e 1853	Bolt with 1600E, to secure machine to power table
1600e 1854	Bolt Nut.
9281  1826	" " Washer
36563 1890	Oiler (copper plated) with 36564
36564 1890	" Spout, 5 in. long
11831 1856	Screw Driver (large)
26026 1856	" " (medium)
26485 1890	" " (small)
4822 1890	Wrench for 1518, 1528 and 1547
8908 1856	" " 1520
8909 1856	" " 1513 and 1518
8910 1856	" " 338, 1508 and 1600
8911 1890	" " 496 and 1503
25200 1890	" " 354

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### BOBBIN WINDERS

### BOBBIN WINDER (Automatic)

### FOR 14535

NO. PLATE	NAME
15072 1891 -	Bobbin Position Pinper 100
14717 1891	Spindle with 15072
9067 1892	" Frame
9068 1891	" " Spring
7958 1891	" " Pin
2448 1892	" Pulley
9062  1892	Stand with 178c
9063 1891	" Shaft
9064 1891	" " Collar
9065 1892	" " Pulley
178c 1891	" " Set Screw
14718 1892	Stop Latch
9070 1892	" " Bracket with 178c
178c 1891	" " " Set Screw
24d 1891	" " Hinge Screw
1541d 1891	Tension Regulating Thumb Nut
470d 1891	" Spool Pin with fixed cone
8018 1891	" " Adjustable Cone
8019 1891	" " " Spring
9071 ——	Tension Spool Pin complete, Nos. 470D,
	1541p, 8018 and 8019
9074 1891	Tension Thread Guide Pin
14719 1892	Bobbin Winder complete, Nos. 24D, 2448,
	7958, 9062 to 9065, 9067, 9068, 9070,
	9071, 9074, 14717, 14718 and two wood
	screws 1 in. No. 7

### COLUMN STAND

### FOR MACHINES NOS. 11-15, 11-22 AND 11-24

NO. PLATE	NAME
	Column Stand with three 838D and four each 494E and 779E
	Column Stand Screw, to secure stand to floor
779e 1889	Column Stand Screw, to secure machine to stand
838d 1889	Treadle Hinge Screw

# BOBBIN WINDER (Hand)

FOR MACHINE BED

NO.	PLATE		N	IAME ·		
11756		Belt wit	h 2502	8		••••
25028	1829	" Ho	ok			
11758	1800	Frame.				
11759	1812	Pulley .				••••
11760	1800	" I	Driving	Wheel		
8380	1812	**	"			ə <i></i>
11762	1828	"	"	"	"	Stud
8382	1826	44 ·	"	44	"	" Washer
11761	<del></del>	Pulley 1	Driving	g Whee	l Hano	lle complete,
		Nos. 8	3380, 8	382 and	1 11762	
11763	1828	Pulley I	Driving	; Wheel	Stud.	• • • • • • • • • • • • •
2269	1828	"	44	46	" P	in
11764	1826	"	"	"	" V	asher
11765	1805	Spindle.				
11754	1800	Bobbin	Wind	er con	nplete,	Nos. 2269,
		11756	, 1175	8 to 1	1761 a	nd 11763 to
		11765				
135	D 1852	Bobbin	Winde	r Screw		

### **BOBBIN WINDER** (Hand)

#### FOR WOOD TABLE

NO.	PLATE	NAME
11768		Belt with 25028
25028	1829	" Hook
11769	1800	Frame
11770	1812	Pulley
11760	1800	" Driving Wheel
8380	1812	" " " Handle
11762	1828	" " " Stud
8382	1826	" " " Washer
11761		Pulley Driving Wheel Handle complete,
		Nos. 8380, 8382 and 11762
11763	1828	Pulley Driving Wheel Stud
2269	1828	" " " Pin
11764	1826	" " " Washer
11771	1805	Spindle
11766	1800	Bobbin Winder complete, Nos. 528E, 2269,
		11760, 11761, 11763, 11764 and 11768 to
		11771
528	Е 1855	Bobbin Winder Clamping Screw

FOR MACHINES NOS. 11-15, 11-22, 11-24 AND 11-26

NO. PLATE	NAME
11438 1858	Balance Wheel with two 354c
8873 1828	" " Pin
354c 1101	" " Set Screw
8984 1812	Brake Block (wood)
9p 1851	" " Screw
11440 1858	Friction Pulley with 11441
11441 1809	" " Centre Plug
11442 1858	" Washer (paper)
401E 1851	" " Screw
14784 1867	Lever
14598 1858	" Bracket
2117 1828	" " Dowel Pin
123E 1852	" " Screw
135D 1852	" Screw
8991 1812	""Washer
8992 1812	" Spring
14785 1863	" " Hook
1520E 1889	""" Nut
6055 1863	" " " Washer
166p 1855	" " Screw
11864 1858	Shaft Driving Pulley, 10 in. diam., 11/4 in.
	face, $1\frac{3}{16}$ in. bore (sectional) with two
	597c
597c 1855	Shaft Driving Pulley Clamping Screw
14672 1858	Treadle (wood)
14673 1863	" Eyelet
342e 1855	" " Screw
9842 1829	" " " Washer
14674 1868	"Hinge
14706	Treadle complete, Nos. 342E, 9842, 14672
	to 14674, 14708 and six wood screws
	1¼ in. No. 10
27639  1893	Treadle Pitman Rod (lower)
14707 1893	""" (upper)
9079 1893	" " Clamp with 354c
354c 1101	" " Screw
14708  1893	Treadle Pitman complete, Nos. 9079,
	14707 and 27639
14599	Singer Driving Attachment complete, Nos.
	9d, 135d, 166d, 1520e, 6055, 8873, 8984,
	8991, 8992, 11438, 11440, 11442, 11864,
	14598, 14706, 14784, 14785, two 123E
	and four 401E

### **DRIVING ATTACHMENT**

### FOR MACHINES NOS. 11-8 AND 11-23

NO. PLATE	NAME
14644 1858	Balance Wheel with two 354c
354c 1101	" " Set Screw
56501 1863	Brake Block (wood)
122p 1852	" " Screw
14651 1858	Friction Pulley
14652 1815	" " Guide
164p 1852	" " Screw
14653 1815	" " Stud
$1503 \pm 1854$	" " " Nut
25114 1812	" " " " Washer
14654 1858	" " Washer (paper)
401E 1851	" " Screw
14655 1858	Lever
14656 1858	" Bracket
3012 1828	" " Dowel Pin
123e 1852	" " Screw
135d 1852	" Screw
25011  1812	" " Washer
8992 1812	" Spring
11864 1858	Shaft Driving Pulley, 10 in. diam., 11/4 in.
•	face, $1\frac{3}{16}$ in. bore (sectional) with two
	597c
597c 1855	Shaft Driving Pulley Clamping Screw
27636 363	Treadle
9082 1101	" Bearing Cotter Pin
27637  362	" Pitman Rod (lower)
27638 1101	" " " Spring
27639 362	" " " (upper)
9079 362	Clamp with 554C
354c 1101	Screw,
27640 362	Treadle Pitman complete, Nos. 2762, 9079
2050	and 27637 to 27639
2878 363	Treadle Stand
2762 1815	600p 0011ai with 002F
362F 1853 27642	Det Derew
27642 —	Treadle complete, Nos. 2878, 9082, 27636
07649	and four wood screws 1 in. No. 16
27643	Treadle and Pitman complete, Nos. 27640
14714	and 27642.
14/14	Driving Attachment complete, Nos. 122D, 135D, 164D, 1503E, 8992, 11864, 14644,
	1355, 1045, 15032, 8992, 11804, 14044, 14651 to 14656, 25011, 27643, 56501, 14654, 14644, 146566, 14656, 1465666, 1465666, 1465666, 1465666, 1465666, 1465666, 1465666, 1465666, 1465666, 146566666, 146566666666666666666666666666666666666
	two 123E and four 401E
	two 143E and four 401E

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### STAND PARTS

### FOOT LIFTER PARTS

### FOR MACHINES NOS. 11-6, 11-18 AND 11-20

NO. PLATE	NAME
13351	Chain, 46 in. to 55 in. long
Note: W	hen ordering No. 13351 give-length required.
4879 1812	Chain Connecting Link
14600 1801	Lifting Lever
568d 1851	" " Hinge Screw
19510 1825	" " Spring
86d 1851	" " Serew
4881 - 1857	Treadle
4882 1812	" Shaft
4883 $1812$	" Spring
4884 $1857$	" Stand
4885 $1857$	Treadle complete, Nos. 4879, 4881 to 4884
	and two wood screws 1 in. No. 16
14601 1810	Vibrating Presser Bar Hinge Bracket with
	145F
145f 1852	Vibrating Presser Bar Hinge Bracket
	Adjusting Screw
58d 1813	Vibrating Presser Bar Hinge Bracket
	Lifting Screw
14602	Foot Lifter complete, Nos. 58D, 568D, 4885,
	13351, 14600, 14601, 19510 and two 86D

### **STAND PARTS**

NO. PLATE		NAME	
14659 1800		ft	
14660 1861	Balance	Wheel with two 354c	
354c 1101	"	" Set Screw	
25004 1861	Band W	heel (two speed) 12 in. and 1	4 in.
		with 9296	
9296 1808	5 Band W	heel Pitman Stud	
25089 1828	3 "	" " " Pin	
11743 1826	3 "	" " Washer	
559E 1853	3 "	" <u>Stud</u>	
1503e 1854	£ "	" " Nut	
150d 1852	2"	" " Screw	• • • •
25011 181	2"	" " " Washer	
25114 1813	2"	" " Washer	<b></b>

NO. PLATE	NAME
25012	Belt, size 3% in., length 801/2 in., with 25030
25030 1829	" Hook
781e 1853	Bolt with 1600E, to secure machine to
	stand
$1600 \pm 1854$	Bolt Nut.
9281 1826	" " Washer
25034 1860	Brace with two each 296c and 1507E
534e 1853	" Bolt with 1510E
1510e 1854	" " Nut
25061 1860	Leg <sup>•</sup> (left)
$25062  ext{ 1860}$	" (right)
25120 1861	Table Top (iron)
507e 1853	" " Bolt with 1515E
$1515 \pm 1854$	""""Nut
25080 1861	Treadle with two each 164D, 25085 and
	41544
25073 1861	Treadle Pitman (wood)
<b>296</b> c 1852	" Screw Centre
$1507 \pm 1854$	""" Nut
25085	" Strap (leather)
164d 1852	" " Screw
41544 1826	" " " Washer
25086 1890	Wrench for 1507, 1510 and 1515
25208 —	Stand (iron work) rocking treadle, com-
	plete, Nos. 150n, 559n, 1503n, 25004,
	25011, 25034, 25061, 25062, 25073,
	25080, 25086, 25114, 25120, two each
	11743, 25089 and four each 507E
	and 534E

### TABLE BELT GUIDE

NO.	PLATE	NAME
14229	1859	Bracket with 448c
14230	1859	Pulley
14231	1805	" Shaft with 858c
8580	2.1852	" " Plug Screw
4480	2.1852	" " Set Screw
14232	1859	Table Belt Guide complete, Nos. 14229 to
		14231 and four R. H. B. wood screws
		1¼ in. No. 10.

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#### TRANSVERSE UNDER DRIVER

#### TRANSVERSE UNDER DRIVER NAME NO. PLATE 27593 1812 Brake (fibre)..... Bracket with 27593 and two 327E. " 27594 1859 " " Adjusting Screw..... 927c 1852 " " Nut..... " " 1513E 1824 " Screw Centre..... " 307c 1852 " " Nut..... " " 1513e 1824 " Screw..... $327 \pm 1851$ 27595 1859 Cone Pulley (grooved) two speed, $4\frac{1}{2}$ in. and 5½ in. diam., with 27473..... 27473 1101 Cone Pulley Centre Bearing..... 27596 1859 Dress Guard (left hand)..... " " Screw..... 354c 1101 " Washer..... " 2018 1101 27597 1859 Driving Pulley (grooved) 61/4 in. diam., with 433c, 27598 and two 7958..... Driving Pulley Friction Ring (leather)... 27598 ---" " Stop Pin.... \*\* 7958 1828 " Hollow Stud with 27600.. " 27631 1101 " """Position 27600 1101Stud..... 356c 1855 Driving Pulley Hollow Stud Set Screw... " " " Wick..... " 27632 ----""Wire " " 27633 ----with 27632.... 433c 1101 Driving Pulley Screw Centre Bearing *44 44* " 7958 1828 " " Dowel Pin. 27601 1859 Frame..... Idler Pulley..... 27668 1859 " " Bracket and Oil Cup..... 27603 1859 " " " Screw " 927c 1852 (lower)..... 134E 1852 Idler Pulley Bracket and Oil Cup Screw (upper)..... 1513E 1824 Idler Pulley Bracket and Oil Cup Screw (upper) Nut..... Idler Pulley Hollow Stud. 27669 1805 " " Cap Screw..... 44 44 615c 1854 " 46 " Set Screw..... 356c 1855 " " " " Wick.... 27632 -----" " " Wire with 46 " 27678 ----27632....

NO. PLATE	NAME
614c 1854	Idler Pulley Cap Screw
27605 1859	Lever
27606 1805	" Centre Plug (wood)
427E 1101	" " Adjusting Screw
1508E 1101	" " " " Nut
307c 1852	" Screw Centre
1513E 1824	" " " Nut
27607 1812	" Spring
2763 1857	Rock Shaft
27683 1857	" " Arm with two 356c
356c 1855	" " " Set Screw
27684 1812	" " Connecting Link
2764 1857	" " Hanger with two wood screws
	1 in. No. 10.
27685 1857	Rock Shaft complete, Nos. 2763, 27684
	and two each 2764 and 27683
27070 363	Shaft Driving Pulley (sectional, grooved)
	10 in. diam., $1\frac{3}{16}$ in. bore, with two 597c
597c 1855	Shaft Driving Pulley Clamping Screw
27636 363	Treadle
9082 1101	" Bearing Cotter Pin
27637  362	" Pitman Rod (lower)
27638 1101	" " " Spring
27639 362	" " " (upper)
9079 362	" " Clamp with 354c " " " Sorew
354c 1101	
27640 362	Treadle Pitman complete, Nos. 2762, 9079 and 27637 to 27639
2878 363	Treadle Stand
2762 1815	" Stop Collar with 362F
362F 1853	" " Set Screw
27642	Treadle complete, Nos. 2878, 9082, 27636
27042	and four wood screws 1 in. No. 16
27643	Treadle and Pitman complete, Nos. 27640
21033	and 27642
27608	Transmitter complete for 27609, Nos.
	134E, 354c, 427E, 614c, 615c, 1508E,
	2018, 27594 to 27597, 27601, 27603,
	27605 to 27607, 27631, 27633, 27668,
	27669, 27678, two each 356c, 927c, three
	wood screws $1\frac{1}{2}$ in. No. 16, four 307c
	and six 1513E
27609	Transverse Under Driver, lever pressure,
	two speed, complete, Nos. 27070, 27608,
	27643 and 27685

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### UNDER DRIVER

# **UNDER DRIVER**

### LEVER PRESSURE, THREE SPEED, RIGHT HAND (OIL CONTROLLING

PULLEY)

#### FOR 11-25 MACHINE

NO. PLATE	NAME *
27508 362	Belt Guard
649E 1889	" " Screw
27509 362	Cone Pulley (grooved) three speed, 21/2 in.,
	334 in. and 514 in. diam., with 27473
27473 1101	Cone Pulley Centre Bearing
27474 363	Dress Guard (right hand)
138E 1101	" " Screw
27630 362	Driving Pulley (grooved) 6 in. diam., with
	433c, 27598 and two 7958
27598	Driving Pulley Friction Ring (leather)
7958 1828	""""Stop Pin
27631 1101	" "Hollow Stud with 27600
27600 1101	" " " Position
	Stud
356c 1855	Driving Pulley Hollow Stud Set Screw
27632	" " " Wick
27633	"""Wire
	with 27632
433c 1101	Driving Pulley Screw Centre Bearing
7958 1828	и <i>и и и</i> и и
	Dowel Pin.
27634 362	Frame
41338 362	Lever
27483 1101	" Brake Spring
27497 1101	" " Strip (leather)
12178 1101	" Centre Plug (wood)
427E 1101	" " Adjusting Screw
1508e 1101	""""""""""""""""""""""""""""""""""""""
27485 1101	" Hinge Pin
27635 362	Oil Cup
127E 1855	" " Screw
27070 363	Shaft Driving Pulley (sectional, grooved)
	10 in. diam., $1\frac{3}{16}$ in. bore, with two 597c
597c 1855	Shaft Driving Pulley Clamping Screw
27636 363	Treadle
9082 1101	Dearing Cotter Pin
27637 362	Fillman Rou (lower)
27638 1101	" " " " Spring

NO. PLATE	NAME
27639 362	Treadle Pitman Rod (upper)
9079  362	" " Clamp with 354c
354c 1101	." " " Screw
27640 362	Treadle Pitman complete, Nos. 2762, 9079
	and 27637 to 27639
2878  363	Treadle Stand
2762 1815	" Stop Collar with 362r
362r 1853	" " Set Screw
27642 —	Treadle complete, Nos. 2878, 9082, 27636
	and four wood screws 1 in. No. 16
27643	Treadle and Pitman complete, Nos. 27640
	and 27642
27644	Transmitter complete for 27645, Nos.
	138E, 356C, 427E, 649E, 1508E, 12178,
	27474, 27483, 27485, 27497, 27508,
	27509, 27630, 27631, 27633 to 27635,
	41338, two 127E and four wood screws
	1½ in. No. 16
27645	Under Driver, lever pressure, three speed,
	right hand (oil controlling pulley) com-
	plete, Nos. 27070, 27643 and 27644

### **OBSOLETE PARTS**

NO. PLATE	NAME
*14575	Arm for 11-15 and 11-22 Machines
*14604	" "11-16 Machine
14537 1800	" Shaft for 11-15, 11-16 and 11-22
	Machines
11953 1800	Arm Shaft for 11-1 Machine
14605 1800	"""""11-16 Machine
14576 $1804$	" " Gear with two 453c, for 11-15,
	11-16 and 11-22 Machines
14577 1857	Arm Side Cover (front) for 11-15 and
	11-22 Machines
330d 1851	Arm Side Cover (front) Screw for 11-15
	and 11-22 Machines
*11955	Arm Side Plate for 11-1 to 11-9, 11-11 to
	11-14 and 11-17 to 11-21 Machines
164d 1852	Arm Side Plate Screw for 11-1 to 11-9,
	11-11 to 11-14 and 11-17 to 11-21
	Machines
11958 1804	Arm Side Wheel Shaft for 11-1, 11-3, 11-4
	and 11-6 Machines
14580 1804	Arm Side Wheel Shaft for 11-15, 11-16
	and 11-22 Machines

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### OBSOLETE PARTS

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NO. 1	PLATE	NAME
6806	1804	Arm Side Wheel Shaft Gear with 453c, for
		11-15, 11-16 and 11-22 Machines
8873	1828	Balance Wheel Pin for 11356 for 11-16 Machine
11963	1802	Crank Connecting Rod with 11964 and two 158E, for 11-1 Machine
12038	1802	Crank Connecting Rod with 11964 and two 158E, for 11-3, 11-4 and 11-6 Machines.
*11964		Crank Connecting Rod Cap for 11963 and 12038
158e	1852	Crank Connecting Rod Cap Screw for 11963 and 12038
372c	1851	Crank Connecting Rod Hinge Screw for 11-1, 11-3, 11-4 and 11-6 Machines
1518e	1813	Crank Connecting Rod Hinge Screw Nut for 11-1, 11-3, 11-4 and 11-6 Machines.
*11961	—	Cylinder, 3½ in. diam., for 12007, for 11-1 Machine
*14658	<u> </u>	Cylinder, 31/2 in. diam., for 12098, for
11443	1858	11-3, 11-4 and 11-6 Machines Driving Attachment Lever for 14599
10855	1815	" " Brake Roll
10000	1010	(wood) for 14714
14675		Driving Attachment Treadle complete for
11010		14599, Nos. 342E, 9842, 14672 to 14674,
		14676 and six wood screws 1¼ in. No. 10
2877	1800	Driving Attachment Treadle Pitman Rod (upper) for 14676
14676	1800	Driving Attachment Treadle Pitman com- plete for 14675, Nos. 2877, 9079 and 27639.
11965	1812	Feed Bell Crank Slide for 11-1 and 11-4 Machines
14512	1839	Feed Dog for 11967, for 11-18 and 11-19 Machines
14666	1850	Feed Dog, for closing, for 11967, for 11-15 and 11-22 Machines
12039	1841	Feed Dog (double) for 11967, for 11-12 and 11-20 Machines
12072	1838	Feed Dog (left of needle) for 11967, for 11-12, 11-15 to 11-17 and 11-22
14544	1842	Machines Feed Dog (left of needle) for 11967, for
14569	1845	11-11 Machine Feed Dog (left of needle) for 14566, for 11-17 Machine

### OBSOLETE PARTS

NO. PLATE	NAME
14582 1843	Feed Dog (left of needle) for 11967, for
	11-15 and 11-22 Machines
14669 1850	Feed Dog (left of needle) for 11967, for
	11-15 and 11-22 Machines
14716 1881	Feed Dog (left of needle) for 14715, for
	11-15 and 11-22 Machines
14543 1840	Feed Dog (right of needle) for 11967, for
	11-11 Machine
14536 1838	Feed Dog (right of needle) for 11967, for
	11-12 and 11-16 Machines
14682 1841	Feed Dog (right of needle) for panel work,
	for 11967, for 11-15 and 11-22 Machines
12028 1825	Feed Dog Adjusting Piece for 11967, for
	11-13, 11-14, 11-16 and 11-17 Machines
11967 1813	Feed Dog Adjusting Piece Carrier for 11-13, 11-14, 11-16 and 11-17 Machines
11967 1813	Feed Dog Carrier for 11-11, 11-12, 11-15,
11907 1813	11-18 to 11-20 and 11-22 Machines
190d 1824	Feed Dog Screw for 11-8, 11-13, 11-14,
1500 1024	11-16, 11-17, 11-21 and 11-24 Machines
11968 1812	Feed Dog Slide for 11-1 and 11-4 Machines
12040 1802	" Forked Connection for 11-3, 11-4
10010 1000	and 11-6 Machines
11970 1813	Feed Regulator for 11-3, 11-4 and 11-6
	Machines
2117 1828	Feed Regulator Crank Pin for 11-8
	Machine
449c 1852	Feed Regulator Crank Set Screw for 11-8
	Machine
283р 1813	Feed Regulator Thumb Screw for 11-3,
	11-4, 11-6, 11-11 to 11-14, 11-17 and
	11-21 Machines
207f 1852	Feed Rod Spring Screw for 11-8, 11-13,
	11-14, 11-16, 11-17, 11-21 and 11-24
	Machines
5667 1857	Foot Lever for 5668
5669 1857	" " Bracket for 5668
5671 1828	" " Hinge Pin for 5668
5672 1812	" " Lifting Spring for 5668
5668 1857	" " 5667 with 5669, 5671 and three
	wood screws $1\frac{1}{2}$ in. No. 16, for 11-6
	Machine
14698 1893	Hand Driving Attachment Gear for
	14709
14699  1893	Hand Driving Attachment Gear Cover
	for 14698, for 14709

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NO. PLA	TE NAME
164d 18	
1 (500)	Screw for 14709.
14703 —	<ul> <li>Hand Driving Attachment Lever Spring</li> <li>Eyelet for 14709</li> </ul>
14704 18	
	14698, for 14709
14585 - 18	07 Lifting Presser Bar Bell Crank with 1518E
	1828 and 2718, for 11-15 and 11-22
11463 18	Machines
11400 10	159b and 453c, for 11-4 Machine
11405 18	
	for 11-19 Machine
′ 381d 18	51 Lifting Presser Bar Guide Bracket Guide
11407 18	Screw for 11-19 Machine.
11407 10	06 Lifting Presser Bar Lifter with 7958, 8761 8763 and 8765, for 11408 and 11499
11408 18	
	Machine
11499 18	
7958 18	and 11-6 Machines, use 11907
(000 10	28 Lifting Presser Bar Lifting Link Hinge Stud Pin for 11-15 and 11-22 Machines.
11494 18	10 Lifting Presser Bar Spring Bracket for
	11-18 and 11-20 Machines
2002 18	
11380 18	11-18 and 11-20 Machines 5 Needle Bar for 11-15, 11-16 and 11-22
11000 10	Machines
11381 18	14 Needle Bar Connecting Link for 11-15,
	11-16, 11-18 to 11-20 and 11-22
14508 183	Machines, use 11539.
14006 18.	11 Needle Bar Frame with 14620, for 11-16 Machine
14533 181	
	Machine
23c 18	a second a s
14509 183	for 11-16 Machine 11 Needle Bar Frame Pitman Hinge Stud for
11009 101	11-16 Machine
164d 185	52 Needle Bar Frame Pitman Hinge Stud
	Screw for 11-16 Machine
9043 182	
11384 182	11-24 Machines
11001 102	for 11-1, 11-3, 11-4 and 11-6 Machines,
	use 19702

### OBSOLETE PARTS

NO. I	PLATE	NAME
11847	1825	Needle Clamp with 245F and 11385, for
		11-1, 11-3, 11-4 and 11-6 Machines, use 19702
245r	1851	Needle Clamp Set Screw for 11384 and
2101	1001	11847
11386	1825	Needle Clamp Thread Eyelet for 11384.
11387	1857	Oil Cup for 11920
11920	1857	Oil Cup complete for 11-1 Machine, Nos.
		2205, 8482, 9084, 11387, 11917 to 11919, two 8953 and three 207F
1355	1852	Oil Cup Screw for 11-8, 11-11 to 11-22 and
1002	1004	11-24 Machines
11983	1804	Oscillating Rock Shaft with 197E, 2170,
		11984, 14657 and two 11985, for 11-1,
		11-3, 11-4 and 11-6 Machines
2170	1826	Oscillating Rock Shaft Oil Pad for 11983.
197e	1852	" " " " Screw for
		11983
304c	1852	Oscillating Rock Shaft Screw Centre for
		11-1, 11-3, 11-4 and 11-6 Machines
1513e	1824	Oscillating Rock Shaft Screw Centre Nut
		for 11-1, 11-3, 11-4 and 11-6 Machines.
11984	1815	Oscillating Rock Shaft Steel Plate (left) for 11983
$14657_{\odot}$	1815	Oscillating Rock Shaft Steel Plate (right)
		for 11983
11985	1828	Oscillating Rock Shaft Steel Plate Rivet
	1000	for 11983
11979	1800	Oscillating Shaft for 11-1 Machine " " " 11-16 and 11-24
14589	1800	Machines
11981	1824	Oscillating Shaft Crank with 453c and
11991	1024	1807, for 11-1, 11-3, 11-4 and 11-6
		Machines
12089	1823	Oscillating Shaft Crank complete for 11-3,
		11-4 and 11-6 Machines, Nos. 453c,
		1513E, 1885 and 12088
13325	1824	Oscillating Shaft Crank complete for 11-1
		Machine, Nos. 453c, 1513E, 1885 and
		13324, use 13416
1885	1824	Oscillating Shaft Crank Roller and Screw
		Stud for 12089 and 13325
1807	1824	Oscillating Shaft Crank Roller and Stud
		for 11981
14510	1806	Presser Bar Lifter for 11-16 Machine
568n	1851	" " Hinge Screw for 11-16 Machine
		WINPOLLA

#### OBSOLETE PARTS

NO. 01.000	
NO. PLATE	NAME
258e 1854	Presser Bar Screw Bushing for 11-16 Machine
14571  1845	Presser Foot (left of needle) for 14569, for
	11-17 Machine
12019 1819	Shuttle Cylinder for 12018
14661 1819	"""14516
12020 1819	" " Latch Spring for 12018 and 14516
223d 1819	Shuttle Cylinder Latch Spring Screw for
	12018 and 14516
12021 1819	Shuttle Frame for 12018 and 14516
$774c \ 1821$	" Tension Regulating Screw for
	12018
12022 1819	Shuttle Tension Spring for 12018
12018 1819	Shuttle (cylinder) 21/2 in. diam., complete,
	for 11-1 Machine, Nos. 223D, 774c,
	12000, 12019 to 12022 and 14535
14516 1819	Shuttle (cylinder) 2½ in. diam., complete,
	for 11-3, 11-4 and 11-6 Machines, Nos.
	223b, 773c, 12000, 12020, 12021, 12095, 14535 and 14661
12023 1823	Shuttle Driver and Feed Lifting Cam for
12023 1823	12018 and 14516, for 11-1, 11-3, 11-4 and
	11-6 Machines
14511 1822	Shuttle Driver and Feed Lifting Cam for
14011 1022	14527 and 14765, for 11-16 and 11-24
	Machines.
12098 1817	Shuttle Race for 11-3, 11-4 and 11-6
	Machines
12007 1816	Shuttle Race Ring for 11-1 Machine
12041 1816	" " " " 11-3, 11-4 and 11-6
	Machines
391c 1851	Shuttle Race Ring Screw for 11-1, 11-3,
	11-4 and 11-6 Machines
132c 1852	Shuttle Race Screw for 11-3, 11-4 and 11-6
	Machines
14619 1814	Tension Bracket for 11-16 Machine
11424 1829	Thread Eyelet (front of arm) for 11-8
	Machine
14620 1829	Thread Guard for 14508
686D 1855	" Retaining Screw Stud for 11041.
11041	Thread Retainer complete for 11-16
	Machine, Nos. 686D, 1560C, 2103, 8905 and two 2102
1845 1854	Thread Take-up Lever Roller and Screw
1040 1004	incau take-up hever noner and belew

1845 1854 Thread Take-up Lever Roller and Screw Stud for all machines except 11-23 to 11-26.....

#### OBSOLETE PARTS

NO. PLATE	NAME
1951 1889	Thread Take-up Lever Roller and Screw Stud with 1518E, for 19754
14625 1829	Thread Take-up Spring Staple for 11-16
14020 1829	
164p 1852	Machine
1040 1694	11-16 and 11-24 Machines
14520 1838	Throat Plate for 12072 and 14716, for
14520 1858	11-15 Machine
14573 1845	Throat Plate for 14569, for 11-17 Machine
14591 1843	"""14582
14678 1843	""" 12072 and 14716, for
	11-15 Machine
14519 $1837$	Throat Plate Holder for 11-15 Machine.
11949 1809	Vibrating Presser Bar for 11-4 Machine.
14592 - 1809	" " " " 11-15 and 11-22
	Machines
<b>1</b> 1468 1809	Vibrating Presser Bar Guide Bracket with
	448c, for 11469
11469	Vibrating Presser Bar Guide Bracket com-
	plete for 11-4 Machine, Nos. 11468,
	11470 and two 190b
11470 1809	Vibrating Presser Bar Guide Bracket Cap
	for 11469
164 d 1852	Vibrating Presser Bar Hinge Cap Screw
111-0 1000	for 11-4 Machine.
11473 1836	Vibrating Presser Foot for 11949, for 11-4
14507 1049	Machine
14597 1843	11-19 and 11-22 Machines
14668 1850	Vibrating Presser Foot for 14679, for
14668 1850	14666 and 14725
14671 1850	Vibrating Presser Foot for 14592, for
	14669 and 14726
14683 1887	Vibrating Presser Foot for 14592, for
	14682

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

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

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