Singer	11-1	Singer	11-14
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 7613 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.

COPYRIGHT, 1915, BY THE SINGER MANUFACTURING CO.

#### INDEX

										1	PAGE
Accessor	RIES	. <b></b> .							<i>.</i> .		97
Воввім	Wind	ers				· · ·					98
Column	STAN	D								<b>.</b>	99
DRIVING	Атта	CHMEN	rs						<i>.</i> .	100	, 101
Fоот Lu	FTER	Parts									102
Machine	E No.	11-1									7
"	46	11-2		<i>.</i> .							12
"	46	11-3									17
"	"	11-4									24
* 44	44	11-5				<i>.</i>					30
"	44	11-6									30
"	46	11-7				<b></b>					31
"	"	11-8.				<i>.</i>					35
"	46	11-9.									40
"	"	11-11		<i>.</i>		<b>.</b>		. <i>.</i>		. <b>. .</b> .	41
"	"	11-12						<b>.</b> .			46
"	66	11-13				. <i>.</i>		. <b></b> .			47
"	"	11-14									52
46	"	11-15									52
"	"	11-16									59
"	"	11-17						,			65
"	"	11-18									66
"	"	11-19									72
"	"	11-20								<i></i>	77
"	"	11-21									78
"	"	11-22	. <b></b> .								82
"	"	11-23								<b>.</b>	84
"	46	11-24									89
"	"	11-25			,						97
"	"	11-26					<i>.</i>			<i>.</i>	97
Numerio	CAL L	IST OF	PART	rs							115
OBSOLET											
STAND F	ARTS.										102
TABLE I	Зект і	GUIDE.									103
Transvi	erse 1	Under	Driv	ER.							104

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

FOR LEATHER, DROP FEED ACROSS THE ARM

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
144 <sub>D</sub> 1852	" " Screw
14710 1862	" Side Cover
65p 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	" " Hinge 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
283р 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
1518E 1813 14547 1814	Nut  Needle Bar Connecting Stud with two
14547 1814	Nut
14547 1814 453c 1824	Nut
14547 1814 453c 1824 258E 1854	Nut
14547 1814 453c 1824 258E 1854 19702 1829	Nut
14547 1814 453c 1824 258E 1854 19702 1829 11385 1825	Nut.  Needle Bar Connecting Stud with two 453c.  Needle Bar Connecting Stud Set Screw.  " " Screw Bushing  " Clamp with 680p and 11385  " " Gib
14547 1814 453c 1824 258E 1854 19702 1829 11385 1825 680b 1855	Nut.  Needle Bar Connecting Stud with two 453c.  Needle Bar Connecting Stud Set Screw.  " " Screw Bushing.  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw.
14547 1814 453c 1824 258E 1854 19702 1829 11385 1825 680b 1855 11497 1857	Nut.  Needle Bar Connecting Stud with two 453c.  Needle Bar Connecting Stud Set Screw.  " " Screw Bushing.  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw.
14547 1814 453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 11917 1857	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw.  Oil Cup  " " Cover
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 1917 1857 9084 1828	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680b and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " Civer  " " Hinge Pin
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 11917 1857 9084 1828 2205 1825	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " " Clamp with 680p and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " Civer  " " " Hinge Pin  " " Latch Spring
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 11917 1857 9084 1828 2205 1825 207 <sub>F</sub> 1852	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " " Gib  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " Giver  " " Latch Spring  " " Screw
14547 1814  453c 1824 258≡ 1854 19702 1829 11385 1825 680□ 1855 11497 1857 11917 1857 9084 1828 2205 1825 207F 1852 11919 1829	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " " " Hinge Pin  " " " Latch Spring  " " " " " Screw  " " Thread Eyelet
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 11917 1857 9084 1828 2205 1825 207F 1852 11919 1829 8953 1826	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " " Latch Spring  " " " " " Screw  " " Thread Eyelet  " or Wax Stripper (felt)
14547 1814  453c 1824 258≡ 1854 19702 1829 11385 1825 680□ 1855 11497 1857 11917 1857 9084 1828 2205 1825 207F 1852 11919 1829	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " " Latch Spring  " " " " " Screw  " " Thread Eyelet  " or Wax Stripper (felt)  " " " " Washer (steel) for
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680d 1855 11497 1857 11917 1857 9084 1828 2205 1825 207F 1852 11919 1829 8953 1826 8482 1826	Nut. Needle Bar Connecting Stud with two 453c.  Needle Bar Connecting Stud Set Screw.  "Screw Bushing. "Clamp with 680p and 11385. "Gib "Thumb Screw.  Oil Cup. "Cover. ""Cover. ""Screw. """Screw.
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 11917 1857 9084 1828 2205 1825 207F 1852 11919 1829 8953 1826	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680p and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " " Latch Spring  " " " " " Screw  " " Thread Eyelet  " or Wax Stripper (felt)  " " " " Washer (steel) for
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680d 1855 11497 1857 11917 1857 9084 1828 2205 1825 207F 1852 11919 1829 8953 1826 8482 1826	Nut.  Needle Bar Connecting Stud with two 453c.  Needle Bar Connecting Stud Set Screw.  "Screw Bushing. "Clamp with 680b and 11385.  "Gib. "Thumb Screw.  Oil Cup. ""Cover. """Screw Hinge Pin. """"Screw. """"Screw. """""""Screw. """"""""""""""""""""""""""""""""""""
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680d 1855 11497 1857 1917 1857 9084 1828 2205 1825 207F 1852 11919 1829 8953 1826 8482 1826 11918 1825	Nut  Needle Bar Connecting Stud with two 453c  Needle Bar Connecting Stud Set Screw  " " Screw Bushing  " Clamp with 680b and 11385  " " Gib  " " Thumb Screw  Oil Cup  " " Cover  " " " Latch Spring  " " " " " Screw  " " Thread Eyelet  " or Wax Stripper (felt)  " " " Washer (steel) for 11497  Oil or Wax Stripper Washer (steel) for 11917  Oil or Wax Stripper Washer Screw
14547 1814  453c 1824 258E 1854 19702 1829 11385 1825 680D 1855 11497 1857 9084 1828 2205 1825 207F 1852 11919 1829 8953 1826 8482 1826 11918 1825 207F 1852	Nut.  Needle Bar Connecting Stud with two 453c.  Needle Bar Connecting Stud Set Screw.  "Screw Bushing. "Clamp with 680b and 11385.  "Gib. "Thumb Screw.  Oil Cup. ""Cover. """Screw Hinge Pin. """"Screw. """"Screw. """""""Screw. """"""""""""""""""""""""""""""""""""

NO. PLATE	NAME
135p 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	" " Hinge Pin
435c 1852	. " " " " Set
400C 100Z	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14548 1800	" Shaft
	" Crank
13324 —— 13416 1824	Oscillating Shaft Crank complete, Nos.
13410 1824	453c, 1513E, 5868 and 13324
0115 1000	Oscillating Shaft Crank Pin
2117 1828	" " Set Screw
453c 1824	" " Slide Block
9119 1824	O THE CLAR Count Clide Diods now
5868 1824	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 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
258E 1854	" Screw Bushing
11991 1805	" " Spring
14550 1842	" Foot (left of needle)
14549 1840	" (right of needle)
176р 1852	" " Screw
252E 1854	Pressure Regulating Thumb Screw
1899 1840	Roller, 11/4 in., with 634p and 1528p
11994 1840	" Arm for 11992
14551 1842	" " " 14553
440F $1852$	" " Adjusting Screw
1547p 1854	" " Nut
11995 1840	" " Bracket for 11992

14552   1842   Roller Arm Bracket for 14553       316F 1852   " " Screw Centre     1547d 1854   " " " " Nut     2205 1825   " Lock Spring     207F 1852   " " Screw     207F 1852   " " Screw     207F 1852   " " Screw     207F 1852   " " Nut     1528d 1854   " Nut     14553 1842   Roller Presser (left of needle) 1½ in roller, complete, Nos. 207F, 440F, 1899, 2205, 14551, 14552, two 316F and three 1547b     11992 1840   Roller Presser (right of needle) 1½ in roller, complete, Nos. 207F, 440F, 1899, 2205, 11994, 11995, two 316F and three 1547b     176d 1852   Roller Presser Screw     176d 1852   Roller Presser Screw     1853 1821   Shuttle Bobbin     12093 1820   " Cylinder     12090 1819   " " Hinge Pin     12001 1821   " " Latch     2027 1821   " " " Spring     1354 1821   " " " Spring     12094 1820   " Frame     773c 1820   " Tension Regulating Screw     12095 1820   " Tension Regulating Screw     12096 1821   " " " Spring     12001 1821   " " " Spring     12002 1820   " Tension Regulating Screw     12003 1821   " " " " " " " " " " Pin     12004 1828   " " " " " " " " " " " Pin     12005 1820   " Tension Regulating Screw     12006 1821   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     1401 1852   " " Screw     1402 1828   " " " " " " " Pin     11423 1826   " " " " " " " " " " "     11424 1827   Tension Bracket     11425   " " " " " " " " " " " " " "     11426   " " " " " " " " " " " " "     11427   " " " " " " " " " " " "     11428   " " " " " " " " " " " "     11429   Tension (wheel) complete, Nos. 411d, 1560c, 8905, 11044, 11422, 11423 and two 8879     11424 1829   Thread Eyelet (front of arm)     11421 1825   " " " " " " " " " " "     11422   " " " " " " " " " " "     11424 1829   Thread Eyelet (front of arm)	NO. PLATE	NAME
316F 1852	14552 1842	Roller Arm Bracket for 14553
1547b 1854	316F 1852	
2205 1825 " " Lock Spring		" " " Nut.
207f 1852		
Serew   1528p 1854	-	" " " Serow
1528b 1854		
14553   1842   Roller Presser (left of needle)   1½ in roller, complete, Nos. 207f, 440f, 1899, 2205, 14551, 14552, two 316f and three 1547d.		
roller, complete, Nos. 207f, 440f, 1899, 2205, 14551, 14552, two 316f and three 1547d.  11992 1840 Roller Presser (right of needle) 1¼ in. roller, complete, Nos. 207f, 440f, 1899, 2205, 11994, 11995, two 316f and three 1547d.  176d 1852 Roller Presser Screw.  1809 1820 " Gylinder.  12001 1821 " " Hinge Pin.  11854 1821 " " " Pin.  11854 1821 " " " Screw.  12094 1820 " Frame.  12094 1820 " Frame.  12095 1820 " Tension Regulating Screw.  12095 1820 " Spring.  12006 1821 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.  12008 1814 " Race.  141c 1852 " " Screw.  14554 1818 " Race.  141c 1855 " Screw.  1420 1824 " " Screw.  1421 1827 " Friction Washer (cloth).  11423 1826 " " (steel).  1422 1827 " Spring.  11424 1829 Thread Eyelet (front of arm).	-	Roller Presser (left, of needle) 11/2 in
11992   1840   Roller Presser (right of needle)   1½ in. roller, complete, Nos. 207r, 440r, 1899, 2205, 11994, 11995, two 316r and three 1547b		roller, complete. Nos. 207r. 440r. 1899
1547b.   Roller Presser (right of needle) 1½ in. roller, complete, Nos. 207r, 440r, 1899, 2205, 11994, 11995, two 316r and three 1547b.   176b 1852   Roller Presser Screw.   Roller Presser Screw.		
11992   1840   Roller Presser (right of needle) 1¼ in roller, complete, Nos. 207f, 440f, 1899, 2205, 11994, 11995, two 316f and three 1547D		
roller, complete, Nos. 207F, 440F, 1899, 2205, 11994, 11995, two 316F and three 1547D	11992 1840	
1547b  176b 1852 Roller Presser Screw  12093 1820 "Cylinder  12000 1819 """ Hinge Pin  12001 1821 """ Latch  2027 1821 """ Spring  11854 1821 """ Spring  590E 1821 """ Spring  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  12006 1821 Shuttle Driver and Feed Lifting Cam  12008 1814 Tension Bracket  141c 1852 "" Screw  140b 1824 """ """ "Pin  141c 1852 "" Screw  141c 1855 "" Screw  1560c 1854 "" Friction Washer (cloth)  11423 1826 """ (steel)  11424 1827 "Spring  11420 — Tension (wheel) complete, Nos. 411b, 1560c, 8905, 11044, 11422, 11423 and two 8879  11424 1829 Thread Eyelet (front of arm)		roller, complete, Nos. 207r, 440r, 1899,
1547b  176b 1852 Roller Presser Screw  12093 1820 "Cylinder  12000 1819 """ Hinge Pin  12001 1821 """ Latch  2027 1821 """ Spring  11854 1821 """ Spring  590E 1821 """ Spring  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  12006 1821 Shuttle Driver and Feed Lifting Cam  12008 1814 Tension Bracket  141c 1852 "" Screw  140b 1824 """ """ "Pin  141c 1852 "" Screw  141c 1855 "" Screw  1560c 1854 "" Friction Washer (cloth)  11423 1826 """ (steel)  11424 1827 "Spring  11420 — Tension (wheel) complete, Nos. 411b, 1560c, 8905, 11044, 11422, 11423 and two 8879  11424 1829 Thread Eyelet (front of arm)		2205, 11994, 11995, two 316r and three
176p 1852   Roller Presser Screw		1547р
12093 1820 " Cylinder	176p 1852	Roller Presser Screw
12000 1819 " " Hinge Pin	14535 1821	
12001   1821	12093 1820	" Cylinder
12001 1821 " " Latch	12000 1819	mage rm,
2027 1821 " " " " Pin.  11854 1821 " " " " Spring	12001 1821	" " Latch
11854 1821 " " " " Spring	2027 1821	" " Pin
590€ 1821 " " " " Screw  12094 1820 " Frame  773c 1820 " Tension Regulating Screw  12095 1820 " " Spring  12092 1820 Shuttle (cylinder) 2½ in. diam., complete, Nos. 590€, 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  1900 1824 " " Screw  18879 1827 " Friction Washer (cloth)  11423 1826 " " (steel)  1560c 1854 " Regulating Thumb Nut  8905 1827 " " " " Washer  4110 1855 " Screw Stud  11421 1827 " Spring  11420 — Tension (wheel) complete, Nos. 411b, 1560c, 8905, 11044, 11422, 11423 and two 8879  11424 1829 Thread Eyelet (front of arm)	11854 1821	" " Spring
773c 1820	590E 1821	" " " Screw
12095   1820   " Spring   Shuttle (cylinder) 2 ½ in. diam., complete, Nos. 590ɛ, 773c, 2027, 11854, 12000, 12001, 12093 to 12095 and 14535     12006   1821	12094 1820	rrame
1829	773c 1820	Tension Regulating Screw
Nos. 590e, 773c, 2027, 11854, 12000, 12001, 12093 to 12095 and 14535  12004 1828 " " " " " Pin 14554 1818 " Race	12095 1820	opring
12001, 12093 to 12095 and 14535   12004   1828	12092 1820	Shuttle (cylinder) 2½ in. diam., complete,
12006       1821       Shuttle Driver and Feed Lifting Cam         2049       1828       " " " " " " Pin         14554       1818       " Race         12008       1814       Tension Bracket         1900       1824       " " Screw.         8879       1827       " Friction Washer (cloth)         11423       1826       " " (steel)         1560c       1854       " Regulating Thumb Nut         8905       1827       " " " Washer         4110       1855       " Screw Stud         11422       1827       " Spring         11420       — Tension (wheel) complete, Nos. 411p,         1560c, 8905, 11044, 11422, 11423 and       two 8879         11424       1829       Thread Eyelet (front of arm)		
2049       1828       " " " " " " " Pin         14554       1818       " Race	•	
14554 1818 " Race		
141c 1852 " " Screw	-	T III
12008 1814 Tension Bracket		Lace
190b 1824 " " Screw		Screw
Screw.   Screw.   Screw.		
1827		Screw
1560c 1854 "Regulating Thumb Nut		Friction washer (cloth)
8905 1827 " " " Washer 411p 1855 " Screw Stud		(steel)
411p 1855		Regulating Thumb Nut
11422 1827 " Spring		
11044 1827 " Wheel	and the second s	belew bluu,
11420 — Tension (wheel) complete, Nos. 411b, 1560c, 8905, 11044, 11422, 11423 and two 8879		opring
1560c, 8905, 11044, 11422, 11423 and two 8879		** Heel
two 8879	11420 —	Tension (wheel) complete, Nos. 411D,
11424 1829 Thread Eyelet (front of arm)		
		two 8879
11950 1829 " (side of arm) for 11041		
	11950 1829	" (side of arm) for 11041

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. 686p,
	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
190ъ 1824	" " " " " "
	Adjusting Screw
12010	Throat Plate Body
12012 1830	" Needle Hole Plate
237р 1851	" " Screw
12011 1830	Throat Plate complete for 11966, Nos.
	237p, 12010 and 12012
12076	Throat Plate Body
14627 1878	" Needle Hole Strip
401D 1851	" " " Screw
14628 1878	Throat Plate complete for 14544, Nos.
	12076, 14627 and two 401p
190р 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

# FOR MACHINE NO. 11-2

FOR LEATHER. DROP FEED UP THE ARM

NO.	PLATE			N.	AME			
*11951		Arm	with	65в а	nd 147	710		. <b></b>
8702	1828	44	Dow	el Pin			. <b></b> .	. <b>.</b>
338E	1853	44	Scre	w				
11953	1800	46						
11954	1809	44	"	Bush	ning			. <b></b>
446c	1852	46	"	64				
6804	1804	"	"	Gear	r with	453c.		
2117	1828	"	"	46				. <i>.</i>
453c	1824	"	"	"				
144D	1852	66	"	Scre	w	<b>.</b>		. <b></b>
14710	1862	46	Side					<i>.</i>
65p	1851	"	"	44	Hinge	Screw	·	
11957	1801	"	"	Whee	l with	two 44	l6c	
446c	1852	44	""	"	Set S	crew.		
6805	1804	"	46	46	Shaft			
6806	1804	"	"	"	44	Gear	with	453c
2117	1828	"	"	"	"	"	Pin	
453c	1824	46	44	44	46	"	Set S	crew
144D	1852	"	"	"	44	Screw		
8708	1828	"	Spoo	l Pin.				
11241	1863	"	44	"	Washe	r (clotl	h)	.per 10
11960	1801			Vheel	with to	wo 354	c	
354c	1101	"		"	Set Sci	rew		
11963	1802	Cran	ık Co	nnecti	ng Ro	od wit	h 11	964 and
		tw	o 158	BE				
*11964		Cran	k Co	nnecti	ng Ro	d Cap.		
158e	1852	"		46	44	" S	crew	
372c	1851	"		44	"		Scre	ew
1518e	1813	"		46	"	"	"	mut.
*11961		Cylir	ider,	3½ in	. diam			
12024	1825							
12025	1825	46	"	"			Link	
12026	1825	"	"	"		"	46	Stud.,
20E	1851	"	46	"	Screv	v		
11965	1812	"	"	46	Slide			
3032	1803	"	Cam	with	446c		, <b>.</b>	

NO. PLATE	NAME
446c 1852	Feed Cam Set Screw
3033 1813	" Connecting Link
375c 1813	" . " Hinge Screw
1518E 1813	" " " " Nut
12027 1834	" Dog
12028 1825	" " Adjusting Piece
11967 1813	" " Carrier
792c 1813	" " " Screw
11968 1812	" " Slide
12029 1825	" " Spring
190p 1824	" " " 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
283p 1813	" " Thumb Screw
11971 1801	" Rock Shaft
11972	Feed Rock Shaft complete, Nos. 11971
	and 11974
11974 1803	Feed Rock Shaft 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
258E 1854	" Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680p 1855	" Thumb Screw
11387 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)
	** , ,

NO. I	LATE	NAME
8482	1826	Oil or Wax Stripper Washer (steel) for
		11387
11918	1825	Oil or Wax Stripper Washer (steel) for
		11917
	1852	Oil or Wax Stripper Washer Screw
11920	1857	Oil Cup complete, Nos. 2205, 8482, 9084,
		11387, 11917 to 11919, two 8953 and
105-	1050	three 207F.
11983	1852 1804	Oil Cup Screw
11900	1004	11984, 14657 and two 11985
2170	1826	Oscillating Rock Shaft Oil Pad
197E	1852	" . " " " Screw
304c	1852	" " Screw Centre
1513E	1824	" " " " Nut.
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
101	1050	7393
		Presser Bar Guide Bracket Guide Screw
	1852	bet betew
11990	1806	Latter
7393	1851 1828	minge Bulew
	1854	Stop rm
256E 11991	1805	Belew Bushing
14567	1844	" " Spring
	1852	" Screw
252E		Pressure Regulating Thumb Screw
1899	1840	Roller, 1¼ in., with 634p and 1528p
12031	1844	" Arm
	1852	" " Adjusting Screw
1547p		" " " Nut
12032	1844	" " Bracket
	1852	" " Screw Centre
OTOL	1002	Deten Center

NO. PLATE	NAME
1547p 1854	Roller Arm Bracket Screw Centre Nut
2205 1825	" " Lock Spring
176p 1852	" " " Screw
1549p 1854	" " " " Nut
634p 1840	" Screw
1528p 1854	" " Nut
12030 1844	Roller Presser, 1¼ in. roller, complete,
12000 1011	Nos. 176p, 440f, 1549p, 1899, 2205,
	12031, 12032, two 316r and three 1547p
176ь 1852	Roller Presser Screw
14535 1821	Shuttle Bobbin
12019 1819	" Cylinder
12000 1819	" " Hinge Pin
12020 1819	" Latch Spring
223ь 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
190ь 1824	" " Serew
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	
404 10T	Washer
686р 1855	Thread Retaining Screw Stud
2103 1827	Spring
11041	Thread Retainer complete, Nos. 686p,
	1560c, 2103, 8905 and two 2102

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

# LIST OF PARTS COMPLETE FOR

# MACHINE NO. 11-3

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

NO. PLATE	NAME
*12036	Arm with 65p and 14710
8702 1828	" Dowel Pin
338в 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
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
144p 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

NO. PLATE	NAME
14512 1839	Feed Dog
11967 1813	" "Carrier
792c 1813	" " Screw
12097 1802	" Forked Connection
372c 1851	" " Hinge Screw
3120 2001	(lower)
375c 1813	Feed Forked Connection Hinge Screw
	(upper)
1518E 1813	Feed Forked Connection Hinge Screw
	Nut
12091 1813	Feed Regulator
58E 1813	" " Hinge Screw
254p 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
166p 1855	" " " Hinge Cap
	Screw
1851 1851	Lifting Presser Bar Bell Crank Lifting
•	Roller with 610p
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 145r
145F $1852$	" " " 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
166р 1855	" " " Cap
	Screw
8763 1828	Lifting Presser Bar Lifting Link Hinge
	Stud
7958 1828	Lifting Presser Bar Lifting Link Hinge
	Stud Pin

NO. PLATE	NAME
8765 1826	Lifting Presser Bar Lifting Link Hinge
0.00 10-0	Stud Washer
11479 1810	Lifting Presser Bar Rock Shaft
11480 1810	" " " Adjusting
	Arm with 190b
2117 1828	Lifting Presser Bar Rock Shaft Adjusting
,	Arm Pin
190p 1824	
	Arm Set Screw
11481 1810	Lifting Presser Bar Rock Shaft Bracket
2002 1828	
	Dowel Pin (lower)
4389 1828	Lifting Presser Bar Rock Shaft Bracket
	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 Set
	Screw
11486 1810	Lifting Presser Bar Rock Shaft Eccentric
	Strap with two each 141F and 1528D
141F 1852	Lifting Presser Bar Rock Shaft Eccentric
1500 1051	Strap Adjusting Screw
1528d 1854	Lifting Presser Bar Rock Shaft Eccentric
000 1051	Strap Adjusting Screw Nut
608c 1851	Lifting Presser Bar Rock Shaft Eccentric
1510- 1019	Strap Hinge Screw
1518E 1813	Lifting Presser Bar Rock Shaft Eccentric
11487 1825	Strap Hinge Screw Nut Lifting Presser Bar Rock Shaft Eccentric
11467 1629	Strap Hinge Screw Slide
11488 1826	Lifting Presser Bar Rock Shaft Eccentric
11400 1020	Strap Hinge Screw Slide Washer
258E 1854	Lifting Presser Bar Screw Bushing
11489 1810	" " Sleeve (lower)
11490 1810	" " (upper)
11491 —	" " " " " 11490
	with 11492
11492 1825	Lifting Presser Bar Sleeve (upper) Cap
11493 1801	" " Spring (flat)
11494 1810	" " " Bracket
138E 1101	" " " " Screw.

NO. PLATE	NAME
11495 1829	Lifting Presser Bar Spring Bracket Thread
	Eyelet
190р 1824	Lifting Presser Bar Spring Bracket Thread
	Eyelet Screw
2002 1828	Lifting Presser Bar Spring Guide Pin
14538 1839	" " Foot with 211F
2049 1828	" " Pin
211F 1852	" " Set Screw
11380 1805	Needle Bar
11381 1814	" " Connecting Link
566c 1851	" " " Hinge Screw
1513E 1824	
	Nut
11383 1814	Needle Bar Connecting Stud with two
11000 1011	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
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
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
135p 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.
3-0	453c, 1513E, 5868 and 12088
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " Set Screw
2000 -0-1	~~~~~

NO.	PLATE	NAME
9119	1824	Oscillating Shaft Crank Slide Block
5868	1824	Oscillating Shaft Crank Slide Block com-
		plete, Nos. 190p, 1054c, 5968 and 9119.
190	n 1824	Oscillating Shaft Crank Slide Block Cap
		Screw
5968	1824	Oscillating Shaft Crank Slide Block Cap
		Screw Washer
1054	1824	Oscillating Shaft Crank Slide Block Screw
		Stud
1513	Е 1824	Oscillating Shaft Crank Slide Block Screw
_		Stud Nut
6091	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
590	£ 1821	" " " Screw
12094	1820	" Frame
7730	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 " " " Pin.
2049	1828	
14554	1818	" Race
1410		Screw
11502	1809	Tension Bracket and Vibrating Presser Bar Cap with 11424
11501		Tension Bracket and Vibrating Presser
		Bar Cap complete, Nos. 122p, 9525,
		11502, 11506, 11936, 11937, 12042 and
		two 190p
159 <sub>F</sub>	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
607p	1855	" Screw Stud
122 p	1852	" " Clamping Screw
8791	1827	" Spring
11044	1827	" Wheel

22

NO. P	LATE	NAME
12042		Tension (wheel) complete, Nos. 607D,
12012		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	
		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		" " Set Screw
11845	1807	" " Lever with 1995
567p		" " Hinge Screw
1995	1889	" " Roller and Screw
1000	1000	Stud with 1518E
1518E	1813	Thread Take-up Lever Roller and Screw
10101	1010	Stud Nut
11506	1827	Thread Take-up Spring
11936	1827	" " Regulator Plate
	1824	" " " " " "
1000	1021	Adjusting Screw
11937	1829	Thread Take-up Spring Staple
9525	1826	" " " Washer
14634		Throat Plate Body
14514	1879	" " Needle Hole Strip, round
14014	1019	needle hole
401n	1851	Throat Plate Needle Hole Strip Screw
14515	1879	Throat Plate complete for 14512, Nos.
. 14010	1019	14514, 14634 and two 401b
14094		•
14634		Throat Plate Body
12047	1836	Needle Hole Suip, oblong
		needle hole
401p	1851	Throat Plate Needle Hole Strip Screw
14635	1839	Throat Plate complete for 14512, Nos.
		12047, 14634 and two 401p
190p	1824	Throat Plate Screw
11508	1809	Vibrating Presser Bar
11509	1826	" " Cushion (rawhide)
233р	1852	" " " Screw
14601	1810	" " Hinge Bracket with
11001	1010	145F

NO. PLATE	NAME
145F $1852$	Vibrating Presser Bar Hinge Bracket
	Adjusting Screw
164p 1852	Vibrating Presser Bar Hinge Cap Screw
41544 1826	
	Washer
11512 1825	Vibrating Presser Bar Spring
11939 1829	" " " Adjusting
	Staple
190р 1824	Vibrating Presser Bar Spring Adjusting
	Staple Screw
223ъ 1819	Vibrating Presser Bar Spring Screw
11513 1839	" Foot
191c 1852	" " Screw

## LIST OF PARTS COMPLETE FOR MACHINE NO. 11-4

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

NO.	PLATE			N	AME				
*14636		Arm	with	65р а	ınd 147	10			. <b>.</b>
8702	1828	"			1 <i></i> .				
338E	1853	46	Screv	v					
12085	1800	"	Shaft	t				. <b>.</b>	<b></b>
11954	1809	"	"	Bus	hing			<b></b>	
4460	1852	"	"	-	' Se	t Scr	ew.		
6804	1804	"	"	Gea	r with	453c.			
2117	1828	"	"	"	Pin				
4530	1824	"	"	"	Set Se	rew.		<b>.</b> .	
1440	1852	"	"	Scre	w				
14710	1862	"	Side	Cove	r				
65r	1851	"	44	"	Hinge	Scre	w		<i></i>
11957	1801	"	"	Whee	l with	two 4	446c		. <b>.</b>
4460	1852	"	"	**	Set Se	crew.			
6805	1804	"	"	"	Shaft	. <i>.</i>			
6806	1804	"	"	44	"	Gea	r wi	th 45	i3с
2117	1828	"	"	"	44	"	Pir	1	<i></i>
4530	1824	44	"	"	"	"	Set	Ser	ew
144r		"	"	"	66	Scre	w		<i>.</i> .
8708	1828	"	Spoo	l Pin.					
11241	1863	"	-"	44	Washer	clo	th).	p	er 100
11960	1801	Bala	nce V	Vheel	with to	vo 3	54c.		<i></i>
3540	1101	6	4	"	Set Sc	rew.			
12096	1802	Crar	ık Co	nnec	ting Re	od w	ith	1454	1 and
		tw	o 145	E					
*14541		Crar	ık Co	nnect	ing Ro	d Ca	р		
145E	1852	"		44	ິ "	"	Ser	ew.	<b></b> .
	1851	"		"	"	Hin	ge S	crew	r
1513E	1824	и		"	"	"		46	Nut
*14629		Cvli	nder,	3½ iı	n. diam				<i>.</i> .
3032	1803				446c				
4460		"	"		Screw				
3033	1813	"	Con	nectir	g Link				
3750		"	-	"	ິ "				
	1813	"		"	44	"		"	Nut

NO. PLATE	NAME
14512 1839	Feed Dog
11967 1813	" " Carrier
792c 1813	" " 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
	Nut
12091 1813	Feed Regulator
58E 1813	Tillige Gerew
254d $1813$	Thumb Bolew
12087 1801	" Rock Shaft
14630 ——	Feed Rock Shaft complete, Nos. 12087
	and 14631
4448 1828	Feed Rock Shaft Back Bearing Oil Tube. " " Crank with 453c
14631 1803	Crank with 455c
2117 1828	A 111
453c 1824	" " " Set Serew
11402 1805	" " Bell Crank with 1518E,
12048 1807	1828 and 2718
8p 1851	Lifting Presser Bar Bell Crank Hinge
OD 1001	Screw
1828 1854	Lifting Presser Bar Bell Crank Roller
	with 372c
372c 1851	Lifting Presser Bar Bell Crank Roller
	Screw
1518E 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
	159p, 453c and 460c
159р 1852	Lifting Presser Bar Guide Bracket Adjust-
4440# 400#	ing Screw
11405 1807	Lifting Presser Bar Guide Bracket Guide
381р 1851	
470 1004	ScrewLifting Presser Bar Guide Bracket Set
453c 1824	
11909 1806	ScrewLifting Presser Bar Lifter with 8761 and
11909 1000	8763
8760 1826	Lifting Presser Bar Lifter Friction Washer
16p 1851	" " " Hinge Screw
8761 1828	" " Stop Pin
0.01 1020	500p x m

NO. I	PLATE	NAME
11906	1806	Lifting Presser Bar Lifting Link
353c	1854	" " " " Cap
		Screw
8763	1828	Lifting Presser Bar Lifting Link Hinge
0.00	10_0	Stud
7958	1828	Lifting Presser Bar Lifting Link Hinge
1000	1020	Stud Pin
8765	1826	Lifting Presser Bar Lifting Link Hinge
0100	1020	Stud Washer
258E	1854	Lifting Presser Bar Screw Bushing
11409	1805	" " Spring
11465	1815	" " " Bracket with
11400	1819	Bracket With
0.50		353c
353C	1854	Lifting Presser Bar Spring Bracket Set
		Screw
11466	1826	Lifting Presser Bar Spring Bracket Set
		Screw Washer
11380	1805	Needle Bar
11381	1814	" " Connecting Link
566c	1851	" " " Hinge Screw
1513E	1824	u u u u u
		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 <sub>F</sub>	1852	" " " Latch Spring
11919	1829	" " Thread Eyelet
8953	-	I mead Eyelet
	1826	or wax suridder (lett)
8482	1826	" " " Washer (steel) for 11497
11010	1005	03 37 01 37 1 (1.1)
11918	1825	Oil or Wax Stripper Washer (steel) for
		11917
207г		Oil or Wax Stripper Washer Screw
11921	1857	Oil Cup complete, Nos. 2205, 8482, 9084,
		11497, 11917 to 11919, two 8953 and
		three 207r
	1852	Oil Cup Screw
12090	1804	Oscillating Rock Shaft with 11165
11164	1804	" " Hinge Pin

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.
190 <sub>D</sub> 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
252E 1854	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	Shuttle Race
141c 1852	" " Screw
11421 1814	Tension Bracket
190ъ 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

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
606р 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
190р 1824	
	Adjusting Screw
14634	Throat Plate Body
14514 1879	" " Needle Hole Strip, round
	needle hole
401p 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
401p 1851	Throat Plate Needle Hole Strip Screw
14635 1839	Throat Plate complete for 14512, Nos.
	12047, 14634 and two 401p
190р 1824	Throat Plate Screw
14592 1809	Vibrating Presser Bar
14593 1809	" " Guide Bracket with
	448c
14594	Vibrating Presser Bar Guide Bracket
	complete, Nos. 231c, 11472, 14593,
	14595 and two 190p
14595 1809	Vibrating Presser Bar Guide Bracket
	Cap

NO.	PLATE		NAME	5			
190p	1824	Vibrating	Presser	$\mathbf{B}$	ar · Gu	ide	Bracket
		Cap Sere	ew				
2117	1828	Vibrating	Presser	$\mathbf{B}$	ar Gu	ide	$\mathbf{Bracket}$
		Pin					
448c	1852	Vibrating	Presser	$\mathbf{B}$	ar Gu	ide	Bracket
		Set Scre	w				
14596	1828	Vibrating :					
460c	1852	"	"	"	. "	"	Set Screw
11471	1829		46	"	Spring.		
11472	1829		44	"	"	Вr	acket
231c	1852	"	"	"	"		. "
		Screw	<i></i>				
14597	1843	Vibrating :	Presser I	Foot	t		
898d	1852	"	44	"	Screw		
1547 D	1854	"	"		**	Νι	ıt

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

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.
		237p, 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 FOR

## **MACHINE NO. 11-7**

FOR CLOTH OR LEATHER. DROP FEED UP THE ARM;  $1_2$  IN. STITCH OR LESS

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
144p 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 strew
12057 1802	Crank Connecting Rod with 12058 and
*****	two 158E
*12058 —	Crank Connecting Rod Cap
158E 1852	Screw
372c 1851	ninge berew
1518E 1813	Nut
*12056 —— 11965 1812	Cylinder, 3½ in. diam
11965 1812 3032 1803	Feed Bell Crank Slide " Cam with 446c
3032 1803 446c 1852	" Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
9/9C 1819	nuige screw

NO. PLATE	NAME
1518E 1813	Feed Connecting Link Hinge Screw Nut.
12059 1835	" Dog
190р 1824	" " Screw
12061 1812	" " Slide
12062 1802	" Forked Connection
375c 1813	" " Hinge Screw
1518E 1813	" " " Nut
6132 1813	" " Universal Joint
212c 1813	" " " " "
2120 1010	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
200 1001	Hinge Screw
11970 1813	1.5
	Feed Regulator
58E 1813	2
283p 1813	I numb screw
12063 1803	ROCK SHAIL
6167 1803	Aim with 400c
2117 1828	1 111
453c 1824	get getew
304c 1852	Sciew Centre
1513E 1824	2846
12064 1801	" Rod
23c 1851	" " Hinge Screw
14507 1825	Raising Block
792c 1813	" " Screw
12060 1825	" " Spring
207D $1852$	" " Screw
11975 1805	Needle Bar
11976 1814	" Connecting Link
375c 1813	" " " Hinge Screw
1518E 1813	u u u u u
	Nut
14547 1814	Needle Bar Connecting Stud with two
	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
11387 1857	
2230. 200.	
11917 1857	Cover
9084 1828	Timge I m
2205 1825	" " Latch Spring
207F $1852$	" " " Screw
11919 1829	" " Thread Eyelet
8953 1826	" or Wax Stripper (felt)
2000 -0=0	**

NO.	PLATE	NAME
8482	1826	Oil or Wax Stripper Washer (steel) for
		11387
11918	1825	Oil or Wax Stripper Washer (steel) for
		11917
	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	" " " " 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 1750 and
		446c
175b	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
685p	1851	" " Hinge Screw
7393	1828	" " Stop Pin
258E	1854	" " Screw Bushing
11991	1805	" " Spring
12068	1835	" Foot
176р		" " Screw
252E		Pressure Regulating Thumb Screw
14535	1821	Shuttle Bobbin
12019	1819	" Cylinder
12000	1819	" " Hinge Pin
12020	1819	" " Latch Spring
223p		" " Screw
12021	1819	" Frame
	-0.0	

NO. PLATE	NAME
774c 1821	Shuttle Tension Regulating Screw
12022 1819	" " Spring
12018 1819	Shuttle (cylinder) 21/2 in. diam., complete,
	Nos. 223p, 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
190р 1824	Screw
8879 1827	Friction washer (cloth)
11423 1826	" " (steel)
1560c 1854 8905 1827	" " " Washer
411p 1855	" Screw Stud
11422 1827	" Spring
11044 1827	" Wheel
11420 —	Tension (wheel) complete, Nos. 411D,
***=0	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	<i>" " " " " " " " " "</i>
	Washer
686D 1855	Thread Retaining Screw Stud
2103 1827	oping
11041	Thread Retainer complete, Nos. 686D,
10014 1000	1560c, 2103, 8905 and two 2102 Thread Take-up Cam with two 435c
12014 1808 3012 1828	" " Pin
435c 1852	" " Set Screw
12016 1807	" Lever with 1995
567p 1851	" " Hinge Screw
1995 1889	" " Roller and Screw
2000 2000	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	u u u u
	Adjusting Screw
12070- 1835	Throat Plate for 12059
190 <sub>D</sub> 1824	" " Screw

# LIST OF PARTS COMPLETE FOR

## **MACHINE NO. 11-8**

FOR CLOTH. HAS REVERSIBLE DROP FEED. UP OR OFF ARM, STITCH FROM  $\frac{1}{2}$  TO  $\frac{1}{2}$  INCH LONG, S. D. A.

NO. PLATE	NAME
*14643	Arm with 65p, 145p, 159p, 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
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
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
389r 1851	Cloth Plate 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	, INUE
*14637 —	Cylinder, 3½ in. diam
3032 1803	Feed Cam with 446c

NO. PLATE		ľ	VAME	
446c 1852	Feed (	Cam Set	Screw.	
3033 1813				
375c 1813	**	"		Hinge Screw
1518E 1813	"	46	"	" " Nut.
14645 1848	"	Dog		
176p 1852	. "	0		
14646 1802	"			on
375c 1813	"	"	46	Hinge Screw
1518E 1813	46	"	"	" " Nut.
6132 1813	46	46	46	Universal Joint
212c 1813	"	"	"	" "
	Cap	Screw.	<i></i> .	
23c 1851				ion Universal Joint
	Hin	ge Screw	·	
14647 1815	Feed 1	Regulato	r Crank	with two 448c
448c 1852	"	"	44	Set Screw
6808 1815	"	"	Lever	with 460c
6809 ——	Feed I	Regulator	r Lever o	complete, Nos. 190D,
732d 1855				Adjusting Thumb
1584E 1854	$\mathbf{Feed}$	Regulato	r Lever	Adjusting Thumb
-				
3146 1826				Adjusting Thumb
3146 1826		w Wash	er	
6810 1815	Screed	w Wash Regulat	er or Lev	er Friction Plate
	Scre	w Wash	er	er Friction Plate
6810 1815 190ь 1824	Screed "Screen	w Wash Regulat w	er or Lev	er Friction Plate
6810 1815 190d 1824 2049 1828	Feed Screen	ew Wash Regulat " ew Regulato	er	er Friction Plate " " Pin
6810 1815 190d 1824 2049 1828 460c 1852	Sere Feed Sere Feed	ew Wash Regulat " ew Regulato	er	er Friction Plate " " Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855	Sere Feed Sere Feed S	ew Wash Regulat ew Regulato "	er or Lev "  r Lever "	er Friction Plate " " Pin Set Screw Thumb Screw
6810 1815 190d 1824 2049 1828 460c 1852	Screed Screed :	ew Wash Regulat ew Regulato	er	er Friction Plate  " Pin Set Screw Thumb Screw  "
6810 1815 190b 1824 2049 1828 460c 1852 732b 1855 3146 1826	Sere Feed Sere Feed S	ew Wash Regulat ew Regulato " " sher	er	er Friction Plate " Pin Set Screw Thumb Screw "
6810 1815 1900 1824 2049 1828 460c 1852 7320 1855 3146 1826 14648 1807	Sere Feed : Sere Feed : " " Was	ew Wash Regulat ew Regulato " " sher	er	er Friction Plate " Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824	Screed "Screed I" "" Was Feed I" ""	ew Wash Regulat ew Regulato " " sher Regulato	er	er Friction Plate " Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800	Screed Screed Was Feed Was	ew Wash Regulat ew Regulato " " sher Regulato " "	er	Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866	Screed Screed Was Feed Was	ew Wash Regulat "ew Regulato "a sher Regulato	er	Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800	Screed " Screed " " " Was Feed 1" " " " " " " " " " " "	www	er or Lever " " " r Lever " " " Segme " Shaft. "	Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852	Screed "Screed" "" "Was Feed 1" "" "" (low	www	er or Lever " " " " r Lever " " " Shaft. "	er Friction Plate " Pin Set Screw Thumb Screw " nt Screw Bracket " Screw
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866	Screed "Screed ""  Was Feed 1"  ""  (low Feed	ew Wash Regulato "ew Regulato "asher Regulato "asher Regulato	er or Lever " " " " " " Shaft. " " oor Sha	er Friction Plate " Pin Set Screw Thumb Screw " nt Screw Bracket " S c r e w ft Bracket Screw
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852	Screed "Screed" "" "" "" "" "" "" "" "" "" "" "" "" "	ew Wash Regulato " " " " " " " " " " " " " " " " " " "	er or Lev " " " " " " " Shaft. " " or Sha	er Friction Plate  " Pin Set Screw Thumb Screw  " nt Screw Bracket " Screw  ft Bracket Screw
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852 159d 1852	Screed " Screed " " " Was Feed 1 " " (low Feed (up) Feed 1	ew Wash Regulat  " " " " " " " " " " " " " " " " " "	er or Lever " " " " " " " Segme " Shaft. " "	er Friction Plate  " Pin Set Screw Thumb Screw  " screw Bracket Screw  " Screw
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852 159d 1852 14565 1803 14505 1803	Screed "Screed" "Was Feed 1" "(low Feed (up) Feed 1"	ew Wash- Regulato  " sher Regulato  " cre) Regulato  " Regulato  " Regulato  " Regulato  " " " Regulato " " " " " " " " " " " " " " " " " " "	er Lever " " " " " " " " " " " Shaft. " " " " " " " " " " " " " " " " " " "	er Friction Plate  " Pin Set Screw Thumb Screw  " nt Screw Bracket Screw  ft Bracket Screw  with 436c
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852 159d 1852 14565 1803 14505 1803 2117 1828	Screed "Screed" "Was Feed " " " (low Feed (up) Feed : " "	ew Wash- Regulato  " sher Regulato  " creple Regulato  " Regulato  " Regulato  " " " " " " " " " " " " " " " " " "	r Lever " " r Segme " Shaft. " " Arm "	Pin
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852 159d 1852 14565 1803 14505 1803 2117 1828 436c 1852	Screed "Screed" "Was Feed ! "" "(low Feed ! "" "(up) Feed ! "" "" "" "" "" "" "" "" "" "" "" "" ""	ew Wash- Regulato  " sher	er or Lever " " " " " Shaft. " " or Sha  Arm " "	Pin. Set Screw "  Bracket Screw Screw with 436c Pin. Set Screw west Screw with 436c Pin. Set Screw Pin. Set Screw west Screw Pin. Set Screw P
6810 1815 190d 1824 2049 1828 460c 1852 732d 1855 3146 1826 14648 1807 190d 1824 14649 1800 6169 1866 145d 1852 159d 1852 14565 1803 14505 1803 2117 1828	Screed "Screed" "Was Feed " " " (low Feed (up) Feed : " "	ew Wash- Regulato  " sher Regulato  " creple Regulato  " Regulato  " Regulato  " " " " " " " " " " " " " " " " " "	er or Lever " " " " " Shaft. " " or Sha Arm " " Screv	Pin

	•
NO. PLATE	NAME
14638 1801	Feed Rod
23c 1851	" " Hinge Screw
14507 1825	" Raising Block
792c 1813	" " Screw
14501 1825	" " Spring
219р 1889	" " 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
258E 1854	" Screw Bushing
19702 1829	" Clamp with 680p and 11385
11385 1825	" " Gib
680p <sup>-</sup> 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
134 <sub>D</sub> 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.
10110 1021	453c, 1513E, 5868 and 13324
2117 1828	Oscillating Shaft Crank Pin
453c 1824	" " Set Screw
9119 1824	" " Slide Block

NO. PLA	ATE	NAME
5868 18	824	Oscillating Shaft Crank Slide Block com-
0000 1		plete, Nos. 190p, 1054c, 5968 and 9119.
190p 18	824	Oscillating Shaft Crank Slide Block Cap
		Screw
5968 18	824	Oscillating Shaft Crank Slide Block Cap
0000 1		Screw Washer
1054c 18	824	Oscillating Shaft Crank Slide Block Screw
		Stud
1513E 1	824	Oscillating Shaft Crank Slide Block Screw
		Stud Nut
11986 18	805	Presser Bar
	809	" Guide Bracket with 1750 and
		446c
175p 18	852	Presser Bar Guide Bracket Adjusting
2.02 2.		Screw
12066 13	807	Presser Bar Guide Bracket Guide with
		7393
164p 13	852	Presser Bar Guide Bracket Guide Screw
446c 1	852	" " Set Screw
11990 1	806	" " Lifter
685p 1	851	" " Hinge Screw
	828	" " Stop Pin
258£ 13	854	" " Screw Bushing
11991 1	805	" " Spring
14650 13	848	" Foot
176p 1	852	" " Screw
252E 13	854	Pressure Regulating Thumb Screw
14535 13	821	Shuttle Bobbin
11999 1	821	" Cylinder
12000 1	819	" " Hinge Pin
12001 1	821	" " Latch
2027 1	821	" " Pin
11854 1	821	" " Spring
590E 1	821	" " " Screw
12004 1	821	" Frame
774c 1	821	" Tension Regulating Screw
12005 1	821	" " Spring
11997 1	821	Shuttle (cylinder) 2½ in. diam., complete,
		Nos. 590E, 774c, 2027, 11854, 11999 to
		12001, 12004, 12005 and 14535
14640 1	823	Shuttle Driver and Feed Lifting Cam
2117 1	828	" " " " Pin.
14554 1	818	" Race
141c 1	852	" " Screw
12008 1	814	Tension Bracket
190ъ 1	824	" " Screw
8879 1	827	" Friction Washer (cloth)

NO. PLATE	NAME .
11423 1826	Tension Friction Washer (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" " Washer
411p 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)
11950 1829	" (side of arm) for 11041
2102 1827	" Retaining Disc
1560c 1854	" Regulating Thumb Nut
8905 1827	
	Washer
686р 1855	Thread Retaining Screw Stud
2103 1827	" " Spring
11041 ——	Thread Retainer complete, Nos. 686p,
	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
567p 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
190р 1824	u u u u
	Adjusting Screw
14641 1848	Throat Plate for 14645
<b>14</b> 519 1837	" " Holder
389 <b>F</b> 1851	" " " Screw
202d $1852$	" " Screw (long)
228р 1852	" " (short)
For 1	Driving Attachment Parts, see Page 101

38

NO. PLATE	NAME
5868 1824	Oscillating Shaft Crank Slide Block com-
0000 1021	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 1824	Oscillating Shaft Crank Slide Block Cap
1000 1021	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
0000 1021	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
10010 1021	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
10102 1021	Stud Nut
11986 1805	Presser Bar
11988 1809	" " Guide Bracket with 175p and
11900 1009	446c
175 <sub>D</sub> 1852	Presser Bar Guide Bracket Adjusting
1100 1002	Screw
12066 1807	Presser Bar Guide Bracket Guide with
12000 1007	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
14650 1848	" Foot
176p 1852	" " Screw
252E 1854	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
11999 1821	" Cylinder
12000 1819	" " Hinge Pin
12000 1813	" " Latch
2027 1821	" " Pin
11854 1821	" " Spring
590E 1821	" " " Spring
12004 1821	" Frame
774c 1821	" Tension Regulating Screw
12005 1821	" " Spring
11997 1821	Shuttle (cylinder) 2½ in. diam., complete,
11991 1041	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
190p 1824	" " Screw
8879 1827	" Friction Washer (cloth)

NO.	PLATE			NAME		
11423	1826	Tensi	on Frict	ion Wa	asher (steel)	
	c 1854	"	Regu	lating	Thumb Nut	
8905	1827	"		"	" " W	asher
4111	D 1855	"	Screw	Stud.	•••••••••••••	abilci
11422	1827	"	Sprin	g	••••••	
11044	1827	"	Whee	i	• • • • • • • • • • • • • •	
11420		Tensio	n (who	eel) co	omplete, Nos.	4115
		1560	c, 890a	5. 1104	4, 11422, 114	23 and
		two	8879			
14555	1829	Thread	l Eyelet	t (front	of arm)	
11950	1829	"	"	(side	of arm) for 110	и. И.1
2102	1827	"	Retain	ing Di	sc	, 11
1560c	1854	"	"	Res	gulating Thum	h Nut
8905	1827	"	"	6	" "	44
		Wasi	her			
686D	1855	Thread	Retain	ing Sc	rew Stud	
2103	1827	••	**	Spri	ng	
11041		Thread	Retai	ner co	mplete, Nos.	6965
		1560	c, 2103.	8905 a	and two 2102	. осор,
12014	1808	Thread	Take-u	ıp Can	with two 435	~
3012	1828	"	"	"	Pin	
435c	1852	46	44	"	Set Screw	
12016	1807	"	"	Leve	r with 1995	
567D	1851	"	"	46	Hinge Screw.	
1995	1889	"	"	"	Roller and 8	Samore
		Stud	with 15	18E	······	ociew
1518E	1813	Thread	Take-u	p Leve	er Roller and	Zanove
		Stud	Nut			JUICW
11052	1827	Thread	Take-ur	o Sprin	g	
11431	1827	44	"	"	Regulator	Dloto
190p	1824	"	46	"	"	r iare
		Adjus	ting Ser	ew		
14641	1848	Throat 1	Plate for	r 1464	)	
14519 - 3	1837	"	" He	older.	·····	
389г 1	1851	**	"	" S	crew	• • • •
202p 1	1852	"	" Ser	rew (lo	ng)	
	1852	"	,	'' (sh	ort)	
	For D	riving A	ttachme	ent Par	rts, see Page 1	 01
		J			on are rafe t	OI.

FOR CLOTH. DROP FEED ACROSS THE ARM

#### OBSOLETE

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

NO. PLATE	NAME
12072 1838	Feed Dog (left of needle) in place of 12027
12071  1832	" " (right of needle)
792c 1813	" " Screw
12074 1831	Presser Foot (left of needle) in place of 12030 and 14567
12073 1832	Presser Foot (right of needle)
12075 ——	Throat Plate Body for 12077, in place of
	12033
12079 1832	Throat Plate Needle Hole Plate for 12077,
	in place of 12012
12077 1832	Throat Plate complete for 12071, Nos.
	237p, 12075 and 12079
12076 ——	Throat Plate Body for 12078
12080 1880	" " Needle Hole Strip, round
	needle hole, for 12078
401p 1851	Throat Plate Needle Hole Strip Screw
12078 1880	Throat Plate complete for 12072, Nos.
	12076, 12080 and two 401p
12076	Throat Plate Body for 14517
14518 1831	" Needle Hole Strip, oblong
	needle hole, for 14517
401n 1851	Throat Plate Needle Hole Strip Screw
14517 - 1831	Throat Plate complete for 12072, Nos.
	12076, 14518 and two 401p

# LIST OF PARTS COMPLETE FOR

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

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

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
144р 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
144 <sub>D</sub> 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
*14542	Cylinder, 31/8 in. diam
3032 1803	Feed Cam with 446c
446c 1852	" Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518E 1813	" " " Nut
14724 1881	" Dog (left of needle)
14723 (1881	" " (right of needle)
14715 1866	" " Carrier

NO. PLATE	NAME
792c 1813	Feed Dog Screw
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	" " Hinge Screw
818D 1889	" " Thumb Screw
14545 1801	" Rock Shaft
14546 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 14545
14522 1803	Feed Rock Shaft Crank with 445c, for
	14524
14524	Feed Rock Shaft Crank complete for
	14546, Nos. 164p, 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	" " Cap Screw
	Washer
445c 1852	Feed Rock Shaft Crank Set Screw
304c 1852	" " Screw Centre
1513E 1824	" " " " Nut
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
258E 1854	" " Screw Bushing
19702 1829	
	" Clamp with 680p and 11385
11385 1825	" " Gib
11385 1825 680p 1855	Clamp with 000D and 11000

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 suripper (ieit)
8482 1826	washer (steel) for
	11497
11918 1825	Oil or Wax Stripper Washer (steel) for
	11917
207 <sub>F</sub> 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-
3000 1011	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 1824	Oscillating Shaft Crank Slide Block Cap
1002 1021	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
0000 1021	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
10010 1021	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
1010E 1024	Stud Nut
11986 1805	
	Presser Bar
11988 1809	Outde Diacket with 1190 and
	446c
175р 1852	Presser Bar Guide Bracket Adjusting
10000 1007	Screw.
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164p 1852	Presser Bar Guide Bracket Guide Screw
446c 1852	" " " Set Screw
11990 1806	" " Lifter

NO. PLATE	NAME
685D 1851	Presser Bar Lifter Hinge Screw
7393 1828	" " Stop Pin
258E 1854	" " Screw Bushing
11991 1805	" " Spring
14550 1842	" Foot (left of needle)
14549 1840	" (right of needle)
176p 1852	" " Screw
252E 1854	Pressure Regulating Thumb Screw
1899 1840	Roller, 11/4 in., with 634p and 1528p
11994 1840	" Arm for 11992
14551 1842	" " " 14553
440r 1852	" " Adjusting Screw
1547р 1854	" " " Nut
11995 1840	" " Bracket for 11992
14552 1842	" " " 14553
316г 1852	" " Screw Centre
1547p 1854	" " " " Nut
2205 1825	" " Lock Spring
207 F 1852	" " " Screw
634 <sub>D</sub> 1840	" Screw
1528p 1854	" " Nut
14553  1842	Roller Presser (left of needle) 11/4 in. roller,
	complete, Nos. 207f, 440f, 1899, 2205,
	14551, 14552, two 316r and three 1547p
11992 1840	Roller Presser (right of needle) 11/4 in.
	roller, complete, Nos. 207f, 440f,
	1899, 2205, 11994, 11995, two 316r and
	three 1547p
176р 1852	Roller Presser 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	rension regulating Screw
12095 1820	opring
12092 1820	Shuttle (cylinder) 2½ in. diam., complete,
•	Nos. 590E, 773c, 2027, 11854, 12000,
10000 1001	12001, 12093 to 12095 and 14535
12006 1821	Shuttle Driver and Feed Lifting Cam " " " " " Pin.
2049 1828	
14554 1818	nace
141c 1852	Derew
12008 1814	Tension Bracket

NO. PLATE	NAME
190ь 1824	Tension Bracket Screw
8879 1827	" Friction Washer (cloth)
11423 1826	" " " (steel)
1560c 1854	" Regulating Thumb Nut
8905 1827	" Washer
** 411 <sub>D</sub> 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)
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. 686p,
	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
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
190 <sub>D</sub> 1824	<i>u u u u u</i>
	Adjusting Screw
14556 1840	Throat Plate for 14723
14557 1842	" " 14724
14519 1837	" " Holder
389F $1851$	" " Screw
202р 1852	" " Screw (long)
228p 1852	" " (short)

#### 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	1838	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
401	р 1851	" " " " Screw
14562	1841	Throat Plate complete for 14720, Nos.
		14561, 14563 and two 401p

# LIST OF PARTS COMPLETE FOR

# **MACHINE NO. 11-13**

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

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
144 <sub>D</sub> 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
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
*14542	Cylinder, 31/8 in. diam
3032 1803	Feed Cam with 446c
446c 1852	" " Set Screw
3033 1813	" Connecting Link
375c 1813	" " Hinge Screw
1518E 1813	" " " " Nut
14564 1844	" Dog
14733 1866	" "Adjusting Piece
14715 1866	" " Carrier

NO. PLATE	NAME
792c 1813	Feed Dog Adjusting Piece Screw
176p 1852	" " Screw
12062 1802	" Forked Connection
375c 1813	" " Hinge Screw
1518E 1813	" " " Nut
6132 1813	" " Universal Joint
212c 1813	" " " " " "
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
14545 1801	" Rock Shaft
14565 1803	" " for 304c
14505 1803	" " Arm with 436c
2117 1828	" " " Pin
436c 1852	" " Set Screw
4448 1828	Set Screw
14526 1803	" " Back Bearing Oil Tube. " " Crank (forked) with
14020 1803	445c, for 14545
14522 1803	Feed Rock Shaft Crank with 445c, for
14022 1000	14524
14524	Feed Rock Shaft Crank complete for
11001	14565, Nos. 164D, 6312, 14522 and
	14523
3012 1828	Feed Rock Shaft Crank Pin for 14526
2117 1828	" " " " 14522
14523 1825	" " " Roller
164p 1852	" " " Cap Screw
6312 1826	" " " " " " " "
0012 1020	Washer
445c 1852	Feed Rock Shaft Crank Set Screw.
304c 1852	" " Screw Centre
1513E 1824	" " " Nut
14566 1801	" Rod
23c 1851	" " Hinge Screw
14501 1825	" Spring
219p 1889	" " Screw
11975 1805	Needle Bar
11976 1814	" " Connecting Link
375c 1813	" " " Hinge Screw
1518E 1813	" " " " " "
10102 1010	Nut
14547 1814	Needle Bar Connecting Stud with two
1.011 1011	453c
453c 1824	Needle Bar Connecting Stud Set Screw
493C 1824	Needle par Connecting Stud Set Screw

NO. PLATE	NAME
258E 1854	Needle Bar 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
207r 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
11010 1029	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
134 <sub>D</sub> 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	" " Hinga 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	" Sot Sorow
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 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 175p
	and 446c
175p 1852	Presser Bar Guide Bracket Adjusting Screw

NO. PLATE	NAME
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	Timge Bulew
7393 1828	500p x m
258E 1854	ociew busining
11991 1805	Spring
14567 1844	root (left of fleedie)
176p 1852	Dulew
252E 1854	Pressure Regulating Thumb Screw
1899 1840	Roller, 11/4 in., with 634p and 1528p
12031 1844	" Arm
440r 1852	" " Adjusting Screw
1547p 1854	" " " Nut
12032 1844	" " Bracket
316F $1852$	" " Screw Centre
1547D 1854	" " " " Nut
2205 1825	" " Lock Spring
176D 1852	" " " Screw
1549p 1854	" " " Nut
634D 1840	" Screw
1528p 1854	" " Nut
12030 1844	Roller Presser, 11/4 in. roller, complete,
	Nos. 176d, 440f, 1549d, 1899, 2205,
	12031, 12032, two 316r and three 1547p
176p 1852	Roller Presser 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	" " Spring
11997 1821	Shuttle (cylinder) 2½ in. diam., complete,
11007 1021	Nos. 590E, 774c, 2027, 11854, 11999 to
	12001, 12004, 12005 and 14535
12006 1821	Shuttle Driver and Feed Lifting Cam
2049 1828	" " " " " Pin.
14554 1818	" Race
14554 1818 141c 1852	Trace
141c 1852	" " Screw
	Trace

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
. 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 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 Tale-up Lever Roller and Screw
	Stud Nut
11052 1827	Thread Take-up Spring
11431 1827	" " Regulator Plate
190ь 1824	u u u u u
	Adjusting Screw
14568 1844	Throat Plate for 14564
14519 1837	" " Holder
389ғ 1851	" " " Screw
202р 1852	" " Screw (long)
228p 1852	" " (short)

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	1882	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 STITCHING 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
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 Serew
14578 1857	" Side Cover
65p 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	" " Diameter with two 354c
354c 1101	" " Pin
11363 1802	" Set Screw
11505 1502	Crank Connecting Rod with 11364 and two 145E
*11364	Crank Connecting Rod Cap
145E 1852	
565c 1851	ocrew
1513E 1824	rringe Screw
*14581 —	" " " Nut. Cylinder, 31/8 in. diam
11367 1803	Feed Cam with two 445c
445c 1852	" " Cat Concer
11368 1803	" Set Screw
565c 1851	
1513E 1824	IIIige Strew
	Nut
	Dog (let) of fleedie)
	(fight 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	
00 1071	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
44500 1000	Hinge Screw
14583 1803	Feed Regulator
568E 1851	ringe Screw
254p 1813	rnumb Screw
14525 1801	ROCK SHAIL
14504 1803	10r 500C
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

NO. PLATE	NAME
14522 1803	Feed Rock Shaft Crank with 445c, for
11022 1000	14524
14524	Feed Rock Shaft Crank complete for
	14504, Nos. 164p, 6312, 14522 and
	14523
3012 1828	Feed Rock Shaft Crank Pin for 14526
2117 1828	" " " " " 14522
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
	611r and 19810
8D 1851	Lifting Presser Bar Bell Crank Adjusting
	Hinge Screw
19310 1862	Lifting Presser Bar Bell Crank Adjusting
	Link with 1518E, 1828 and 2718
1828 1854	Lifting Presser Bar Bell Crank Adjusting
	Link Roller with 372c
372c 1851	Lifting Presser Bar Bell Crank Adjusting
	Link Roller Screw
1518E 1813	Lifting Presser Bar Bell Crank Adjusting
	Link Roller Screw Nut
<b>2718</b> 1826	Lifting Presser Bar Bell Crank Adjusting
	Link Roller Screw Nut Washer
611 <sub>F</sub> 1889	Lifting Presser Bar Bell Crank Adjusting
	Link Screw
14586 1809	Lifting Presser Bar Guide Bracket with
	159p, 453c and 460c
159р 1852	Lifting Presser Bar Guide Bracket Adjust-
	ing Screw
14587 1807	Lifting Presser Bar Guide Bracket Guide
381p 1851	
450 - 1004	ScrewLifting Presser Bar Guide Bracket Set
453c 1824	Screw
11909 1806	Lifting Presser Bar Lifter with 8761 and
T1909 T900	8763
8760 1826	Lifting Presser Bar Lifter Friction Washer
16p 1851	" " " Hinge Screw
8761 1828	Image Corew
14588 1806	" " Stop Pin
T-1000 1000	minis man

PARTS FOR MACHINE NO. 11-15

`	NO.	PLATE	NAME
	<b>353</b> c	1854	Lifting Presser Bar Lifting Link Cap Screw
	8763	1828	Lifting Presser Bar Lifting Link Hinge Stud.
	8973	1863	Lifting Presser Bar Lifting Link Hinge
	8765	1826	Stud Pin.  Lifting Presser Bar Lifting Link Hinge
	950	1854	Stud WasherLifting Presser Bar Screw Bushing
	11409	1805	" " Spring
	11465	1815	" " " Bracket with
	11400	1010	353c
	353c	1854	Lifting Presser Bar Spring Bracket Set Screw.
	11466	1826	Lifting Presser Bar Spring Bracket Set
	11400	1020	Screw Washer
	56504	1868	Needle Bar.
	11539	1866	" " Connecting Link
		1851	" " " Hinge Screw
		1824	" " " " " "
	10102	1021	Nut
	11383	1814	Needle Bar Connecting Stud with two 445c.
	445c	1852	Needle Bar Connecting Stud Set Screw.
	258E		" " Screw Bushing
	19702	1829	" Clamp with 680D and 11385
	11385	1825	" " Gib
		1855	" "Thumb Screw
	11497	1857	Oil Cup
	11917	1857	" " Cover
	9084	1828	" " Hinge Pin
	2205	1825	" " Latch Spring
	207₽		" " " Screw
	11919	1829	" " Thread Eyelet
	8953	1826	" or Wax Stripper (felt)
	8482	1826	" " Washer (steel) for
	0102	10-0	11497
	11918	1825	Oil or Wax Stripper Washer (steel) for 11917
	907	1852	
	207F 11921	1857	Oil Company No. 2007, 2402, 2004
	11921	1897	Oil Cup complete, Nos. 2205, 8482, 9084, 11497, 11917 to 11919, two 8953 and
			three 207r
	-	1852	Oil Cup Screw
	56534	1804	Oscillating Rock Shaft (steel)
	56535		Oscillating Rock Shaft complete, Nos. 622c, 11165, 11398, 56534 and two 1508E

NO.	PLATE		NAM	Œ	•		
11398	1804	Oscillatin	g Rock	Shaft :	Hinge	Pir	1
1508E		"	"	"	"	"	Nut
	1854	46	44	"	"	"	Screw
<b>0</b> 0	200-	Bearin	g	. <b></b>			
1508E	1101	Oscillatin	ig Rock	Shaft	Hing	e P	in Screw
10002		Bearin	g Nut.	<i></i>			
11165	1826	Oscillatin	g Rock	Shaft	Oil Pa	id	
14589	1800	"					
11848		"	"	Crank			
19696	1824	Oscillation	ng Shaft	Cran	k cor	npl	ete, Nos.
		453c,	1513E, 5	868 an	d 118	48	
2117	1828	Oscillati			Pin.		
<b>453</b> c	1824	"	"	"			w
9119	1824	44	"	"			ock
5868	1824	Oscillati	ng Shaft	Cranl	c Slide	e Bl	lock com-
							and 9119.
190n	1824						llock Cap
		Screw			. <b></b>		
5968	1824						Block Cap
		Screw	Washer				
10540	1824	Oscillati	ng Shaft	Crank	s Slide	Ble	ock Screw
		Stud.			<b>.</b>	• • • •	
15131	i 1824						ock Screw
2521	E 1854						ew
14535	1821						
12093	1820						
12000	1819	"	"	_			
12001	1821	"	"	Late			
2027	1821	"	"	"			
11854	1821	"	"	"	Spri		Screw
	Е 1821	. "				,	
12094	1820	"					
773		"					ew
12095	1820			Spring	ζ : ::: .	• • •	
12092	1820	Shuttle	(cylinde	r) 2½ 72~ 0	in. ai:	HII.,	, complete, 54, 12000,
		NOS.	59UE, 7	730, Z	047, 05 ama	110	535
		12001	, 12093	to 1203	go ame	l lu	g Cam
12006			Driver :	mare	ea Lii	u u	" Pin.
2049		"					1
14554		"					
141			100				
19542	1814 D 1824		1 Dracke				
8879			Friction				)
8879 11423			rricuoi	1 11 451			
	i 1820 lc 1854		Remile	ting T			t
1900	U 1004		regum	viiig 1	T CHILL	11 U	

NO. PLATE	NAME
8905 1827	Tension Regulating Thumb Nut 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
11950 1829	Thread Eyelet
2102 1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	
	Washer
686p 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	" " Pin
434c 1852	" " Set Screw
11845 1807	Lever with 1995
567p 1851	ringe screw
1995 1889	Noner and Screw
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
44040 400	Stud Nut
11052 1827	Thread Take-up Spring
11431 1827	" " Regulator Plate
190ъ 1824	
19543 1869	Adjusting Screw Thread Take-up Spring Staple
690p 1889	" " Screw
41544 1826	" " Washer
14684 1883	Throat Plate for 14727
14667 1850	" " 14725
14670 1850	14720
14677 1849	noner
389 <b>F</b> 1851	berew
202р 1852	berew (long)
228p 1852	" " (short)
14679 1868	Vibrating Presser Bar
14593 1809	" " Guide Bracket with
	448c
14594	Vibrating Presser Bar Guide Bracket com-
	plete, Nos. 231c, 11472, 14593, 14595
	and two 190p
14595 1809	Vibrating Presser Bar Guide Bracket Cap
	· · · · · · · · · · · · · · · · · · ·

NO. P	LATE		NAM	Œ			
190ъ	1824	Vibrating Screw					_
2117	1828	Vibrating	Presser	Bar	Guide	Bracke	et Pin.
448c	1852	"	"	"	"	"	Set
		Screw					
14596	1828	Vibrating	Presser	Bar	Hinge	Pin	
460c	1852	"	"	"	"	"	Set
		Screw					<i></i>
11471	1829	Vibrating	Presser	Bar	Spring		
11472	1829	"	"	"		Brac	
231c	1852	"	**	"	**		"
		Screw					
56505	1883	Vibrating	Presser	Foo	t for 14	1725	
56506	1883	"	"	"	" 14	726	
56507	1883	"	"	"	" 14	727	
898p	1852	. "	"	"	Screw	·	<i>.</i>
1547D	1854	"	**	**	"	Nut.	
	For	Driving At	tachmer	nt 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

*14734 — Arm with 65D and 14578.  8702 1828	NO. PLATE	NAME
496E 1853  "Screw	*14734	Arm with 65p and 14578
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       " " " Gear with 453c         2117 1828       " " " " Set Screw         1453c 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       " " " Washer         354c 1101       " " Set Screw         11363 1802       Crank Connecting Rod with 11364 and two 145e         **11364       — Crank Connecting Rod Cap         145E 1852       " " " " Screw         565c 1851       " " " " Screw         565c 1851       " " " " Hinge Screw         1513E 1824       " " " " " Hinge Screw         *	8702 1828	" Dowel Pin
14786       1867       " Shaft	496E 1853	
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 " " " Set Screw  14608 1804 " " " Gear with 453c  2117 1828 " " " " Fin  453c 1824 " " " " Set Screw  144D 1852 " " " Set Screw  11241 1863 " " " " Screw  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 " " " " Screw  565c 1851 " " " Hinge Screw  1513E 1824 " " " " Nut  **14609 — Cylinder, 3½ in. diam  11367 1803 Feed Cam with two 445c	14786 1867	" Shaft
14606       1804       " Gear with two 445c	11354 1809	
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 " " " Set Screw  14608 1804 " " " Gear with 453c  2117 1828 " " " " Pin  453c 1824 " " " " Set Screw  144b 1852 " " " " Set Screw  11241 1863 " " " " Set Screw  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  1451 1852 " " " " Screw  1513E 1824 " " " " Nut  **14609 — Cylinder, 3½ in. diam  11367 1803 Feed Cam with two 445c	437c 1852	
445c 1852 " " " Set Screw	14606 1804	" Gear with two 445c
14578 1857	3012 1828	" " Pin
65p 1851 " " " Hinge Screw  14579 1801 " " Wheel with two 446c  446c 1852 " " " Set Screw  14607 1804 " " " Shaft.  14608 1804 " " " " Gear with 453c  2117 1828 " " " " " Set Screw  453c 1824 " " " " Set Screw  144d 1852 " " " Screw  144d 1852 " " " Screw  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 " " " Screw  1513e 1824 " " " Hinge Screw  11367 1803 Feed Cam with two 445c  11367 1803 Feed Cam with two 445c	445c 1852	" " Set Screw
14579 1801 " " Wheel with two 446c	14578 1857	" Side Cover
446c 1852 " " " Set Screw	65р 1851	" " Hinge Screw
14607 1804 " " " Shaft.  14608 1804 " " " " Gear with 453c  2117 1828 " " " " " " " " " " " " Set Screw  1453c 1824 " " " " " 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 " " " " Screw  1513e 1824 " " " " Screw  1513e 1824 " " " " Nut  **14609 — Cylinder, 3½ in. diam  11367 1803 Feed Cam with two 445c	14579 1801	w neer with two 440C
14608 1804 " " " " Gear with 453c	446c 1852	Set Screw
2117 1828 " " " " " " " " " " " " " " " " " "	14607 1804	" " Snart
453c 1824 " " " " " Set Screw  144b 1852 " " " " " Screw  8708 1828 " Spool Pin	14608 1804	" " " Gear with 453c
144b 1852 " " " " Screw	2117 1828	rm
144b 1852   Screw   Screw   Screw   11241 1863   " " " Washer (cloth)   per 100	453c 1824	Set Screw
11241   1863   " " " Washer (cloth) per 100	144 <sub>D</sub> 1852	Screw
11241   1805   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   " " " Screw       565c   1851   " " " Hinge Screw       1513E   1824   " " " " Nut.     *14609   Cylinder, 3½ in. diam       11367   1803   Feed Cam with two 445c	8708 1828	Spoot Fill
8937 1863 " " Pin	11241 1863	" " Washer (cloth)per 100
354c 1101 " " Set Screw	11356 1801	
11363 1802 Crank Connecting Rod with 11364 and two 145E  *11364 — Crank Connecting Rod Cap		F.III
two 145E		bet berew
*11364 — Crank Connecting Rod Cap	11363 1802	
145E 1852 " " " " Screw		
1436 1632 Screw 565c 1851 " " " Hinge Screw 1513E 1824 " " " " Nut  *14609 — Cylinder, 3½ in. diam		
1513E 1824 " " " Nut.  *14609 — Cylinder, 3½ in. diam		berew
*14609 — Cylinder, 3½ in. diam		ninge Screw
11367 1803 Feed Cam with two 445c		Nut
445c 1852 " " Set Screw		
	445c 1852	" Set Screw

NO. PLATE	NAME
11368 1803	Feed Connecting Link
565c.1851	" " Hinge Screw
1513E 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
176р 1852	" " Screw
14502 1802	" Forked Connection
565c 1851	" " Hinge Screw
1513E 1824	" " " " Nut
6132 1813	" " Universal Joint
212c 1813	u u u u
	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
•	Hinge Screw
14583 1803	Feed Regulator
568E 1851	" " Hinge Screw
254D 1813	I numb screw
14525 1801	" Rock Shaft
14504 1803	10f 900C
14505 1803	Arm with 43bc
2117 1828	" PIN
436c 1852	Set Screw
4448 1828	" " Back Bearing On Tube.
14526 1803	Crank (forked) with
14522 1803	445c, for 14525
14522 1803	Feed Rock Shaft Crank with 445c, for
14524	14524 Feed Rock Shaft Crank complete for
14024	14504, Nos. 164D, 6312, 14522 and
3012 1828	14523 Feed Rock Shaft Crank Pin for 14526
2117 1828	" " " " " 14522
14523 1825	" " " Roller
164p 1852	" " " Cap Screw
6312 1826	" " " " " " " "
0012 1020	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
	V 02.011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NO. PLA	TE	NAM	Œ	
11538 18	70 Needle	Bar		
11539 18				
566c 18		"	"	Hinge Screw
1513E 18		£6	"	- " "
10101 10		<i></i>		
11383 18				ud with two
445c 18	52 Needle	Bar Conn	ecting Stud	l Set Screw
14728 18	70 "	" Frame	e with <b>190</b> 1	and 14732
14610 18	11 "	" "	$\operatorname{Cam}\ldots$	
14611 —				mplete, Nos.
14612 18				el Gear
567p 18		"	" "	" Screw
14613 18	11 "	"		er
202р 18		"	"	Screw
159р 18	52 "	"	" Scre	w
14614 18	11 "	" "	Driving	Bevel Pinion
445c 18	52 Needle	Bar Fram	e Driving	Bevel Pinion
14615 18				n
435c 18		4 4	" "	Set Screw
14729 18		" "		
1371c 18		"		Iinge Screw
14730 18		" "	"	" Stud
14731 18	71 "	"	"	" " Col-
448c 18				Hinge Stud
			w	
14534 18				or with 1813
1086в 18	Scre	w		tor Adjusting
14616 18				tor Adjusting
	Scre	w Sleeve		
212 <sub>D</sub> 18				tor Adjusting
1639p 18				tor Adjusting
1813 18				or Roller and
164p 18				r Screw
41544 18		"	"	" Washer
14732 18				luard
190p 18		ic* u	"	" Screw
56522 18	69 "	" "	Washer (	steel)

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
207г 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
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	Shait with 2049 and 50524
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	Since Diock
5868 1824	Oscillating Shaft Crank Slide Block com-
400 4004	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 1824	Oscillating Shaft Crank Slide Block Cap
F080 1004	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
	Stud Nut

NØ.	PLATE	NAME
*56524		Oscillating Shaft Sleeve
2049	1828	" " Pin
14603	1805	Presser Bar
14532	1809	" Guide Bracket with 145p and
	2000	445c
145	D 1852	Presser Bar Guide Bracket Adjusting
110	2002	Screw
14617	1807	Presser Bar Guide Bracket Guide with
11011	1001	2022
381	р 1851	Presser Bar Guide Bracket Guide Screw
445		" " Set Screw
14761	1870	" " Lifter
8760	1826	" " Friction Washer
500631		" " Hinge Screw
	E 1824	" " " " Nut
194		" " Screw Stud
2022	1828	" " Stop Pin
11991	1805	" " Spring
11411	1825	" " Collar with 453c
453		" " Set Screw
12083		" Foot for 12081
12082		« « « «
14559		" (left of needle) for 14716
14558		" (right of needle) for 14722
176		" Screw
14535	1821	Shuttle Bobbin
14528		" Cylinder
12000		" " Hinge Pin
14529		" " Latch
2027		" " Pin
11854		" " Spring
	E 1821	" " Serew
14530		" Frame
774		" Tension Regulating Screw
14531		" " Spring
14527		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		" " " " " Pin.
14618		" Race
141		" " Screw
14766		Tension (lower) Bracket
190		" " Screw
8879		" Friction Washer (cloth)
11043		" " " (steel)
	c 1854	" " Regulating Thumb Nut
1000	- 1001	

NO. PLATE	NAME
8905 1827	Tension (lower) Regulating Thumb Nut
	Washer
632p 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)
401р 1851	Tension (upper) Releaser Body Block (lower) Screw
14770 1871	Tension (upper) Releaser Body Block
14770 1071	(upper)
401p 1851	Tension (upper) Releaser Body Block
	(upper) Screw
756d 1871	Tension (upper) Releaser Screw
14771	Tension (upper) Releaser complete, Nos.
	14767 to 14770, two 756p and four 401p
50064д 1889	Tension (upper) Screw Stud
2103 1827	" " Spring
11950 1829	" " Thread Eyelet
14621 1808	Thread Take-up Cam with two 434c
8873 1828	rm
434c 1852	bet berew
14623 1807	Lever with 1995
567р 1851	ringe screw
1995 1889	noner and ocrew
1710 1010	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw Stud Nut
8798 1827	Thread Take-up Spring
14624 1827	" " Regulator Plate
190p 1824	" " " " " "
. 1900 1024	Adjusting Screw
14772 1869	Thread Take-up Spring Staple
690р 1889	" " " Screw
41544 1826	" " " "Washer
12084 1846	Throat Plate for 12081
<b>14520</b> 1838	" " 14716
<b>14521</b> 1838	" " 14722
14519 1837	" " Holder
389F 1851	" " Screw
202в 1852	" Screw (long)
228p 1852	" " (short)

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
207f 1852	" " Lock Spring Screw, in place
	of 176p and 1549p
14553 1842	Roller Presser (left of needle) 11/4 in.
	roller, complete, Nos. 207F, 440F, 1899,
	2205, 14551, 14552, two 316r and three
	1547D
11992 1840	Roller Presser (right of needle) 11/4 in.
	roller, complete, Nos. 207f, 440f, 1899,
	2205, 11994, 11995, two 316r and three
	1547D, in place of 12030
14520 1838	Throat Plate for 14716, in place of 14568.
14681 1882	" (rounded edges) for 14570

# 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 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
144р 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
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.,
*14662	Cylinder, 31/8 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. PLATE	- NAME
792c 1813	Feed Dog Screw
12097 1802	" Forked Connection
372c 1851	" " Hinge Screw
	(lower)
375c 1813	Feed Forked Connection Hinge Screw
0,00 2010	(upper)
1518E 1813	Feed Forked Connection Hinge Screw
10101 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
14030	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
100D 1899	
1071 1071	Cap Screw
1851 1851	Lifting Presser Bar Bell Crank Lifting
010- 1050	Roller with 610p
610p 1852	Lifting Presser Bar Bell Crank Lifting
1510 - 1019	Roller Screw.
1518E 1813	Lifting Presser Bar Bell Crank Lifting
0510 1000	Roller Screw Nut.
2718 1826	Lifting Presser Bar Bell Crank Lifting
11450 1010	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
16в 1851	" " " Hinge Screw
8761 1828	" " Stop Pin
11907 1806	" " Lifting Link
166p 1855	" " " Cap
1000 1000	Screw
8763 1828	Lifting Presser Bar Lifting Link Hinge
0100 1020	
#0#0 1000	Stud
7958 1828	Lifting Presser Bar Lifting Link Hinge
	Stud Pin

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 190p
2117	1828	Lifting Presser Bar Rock Shaft Adjusting
		Arm Pin
1901	1824	Lifting Presser Bar Rock Shaft Adjusting
11401	1010	Arm Set Serew
11481 2002	1810 1828	Lifting Presser Bar Rock Shaft Bracket
2002	1828	·
4389	1828	Dowel Pin (lower)Lifting Presser Bar Rock Shaft Bracket
1009	1020	Dowel Pin (upper)
1935	1852	Lifting Presser Bar Rock Shaft Bracket
1201	1002	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
		Set Screw
11486	1810	Lifting Presser Bar Rock Shaft Eccentric
141-	1050	Strap with two each 141r and 1528b
1411	1852	Lifting Presser Bar Rock Shaft Eccentric
1528p	1084	Strap Adjusting ScrewLifting Presser Bar Rock Shaft Eccentric
10200	1004	Strap Adjusting Screw Nut
608c	1851	Lifting Presser Bar Rock Shaft Eccentric
0000	1001	Strap Hinge Screw
1518E	1813	Lifting Presser Bar Rock Shaft Eccentric
		Strap Hinge Screw Nut
11487	1825	Lifting Presser Bar Rock Shaft Eccentric
		Strap Hinge Screw Slide
11488	1826	Lifting Presser Bar Rock Shaft Eccentric
		Strap Hinge Screw Slide Washer
	1854	Lifting Presser Bar Screw Bushing
11489	1810	" " Sleeve (lower)
11490	1810	" " " (upper) " " " 11490
11491		" " " " 11490
11400	1005	with 11492
$11492 \\ 11493$	1825	Lifting Presser Bar Sleeve (upper) Cap " " Spring (flat)"
11493 56518	1801 1870	opring (nat)
	1101	" " " Bracket " " " Screw.
LOOP	1101	Screw.

NO. PLATE	NAME
11495 1829	Lifting Presser Bar Spring Bracket Thread
	Eyelet
190р 1824	Lifting Presser Bar Spring Bracket Thread Eyelet Screw
4389 1828	Lifting Presser Bar Spring Guide Pin
14538 1839	FOOL WILL ZIIF
2049 1828	ЕШ
211r 1852	Det Durew
11380 1805	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
	" " " Latch Spring " " " Screw
207г 1852	Screw
11919 1829	Infead Evelet
8953 1826	or wax buildher (leight
8482 1826	" " " Washer (steel) for 11497
11918 1825	Oil or Wax Stripper Washer (steel) for
11910 1020	11917
207 <sub>F</sub> 1852	Oil or Wax Stripper Washer Screw
11921 1857	Oil Grand Annual
11921 1857	Oil Cup complete, Nos. 2205, 8482, 9084,
	11497, 11917 to 11919, two 8953 and
104 1050	three 207r.
134р 1852	Oil Cup Screw
12090 1804	Oscillating Rock Shaft with 11165
11164 1804	ninge riii
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

NO. PLATE	NAME
9119 1824	Oscillating Shaft Crank Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
0000 1021	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 1824	Oscillating Shaft Crank Slide Block Cap
15017 1024	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
0300 102±	Screw Washer
1054c 1824	Oscillating Shaft Crank Slide Block Screw
10010 1021	Stud
1513E 1824	Oscillating Shaft Crank Slide Block Screw
10101 1021	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) 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. 122n, 9525,
	11502, 11506, 11936, 11937, 12042 and
	two 190p
159г 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
607р 1855	" Screw Stud
122в 1852	Clamping below
8791 1827 11044 1827	" Spring Wheel

NO. PLATE	NAME
12042	Tension (wheel) complete, Nos. 607p,
	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	" " " " " "
5000 1021	Washer
606p 1855	Thread Retaining Screw Stud
2103 1827	" " Spring
11503	Thread Retainer complete, Nos. 606p,
11000	1560c, 2103, 8905 and two 2102
12044 1808	Thread Take-up Cam with two 434c
8873 1828	" " Pin
434c 1852	I'III
	Set Screw
	Lever with 1995
567D 1851	Hinge Screw
1995 1889	Rouer 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
190р 1824	
	Adjusting Screw
11937 1829	Thread Take-up Spring Staple
9525 1826	" " " Washer
14663 ——	Throat Plate Body
14563 1841	
	" " Needle Hole Strip
401р 1851	" " Needle Hole Strip " " " Screw
	" " Needle Hole Strip " " " Screw Throat Plate complete for 14721, Nos.
401р 1851	" " Needle Hole Strip
401р 1851	" " Needle Hole Strip
401 <sub>D</sub> 1851 14664 1839	" " Needle Hole Strip
401D 1851 14664 1839 14519 1837	" " Needle Hole Strip
401D 1851 14664 1839 14519 1837 389F 1851	" " Needle Hole Strip " " " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401b  Throat Plate Holder " " Screw " " Screw (long)
401D 1851 14664 1839 14519 1837 389F 1851 202D 1852	" " Needle Hole Strip
401b 1851 14664 1839 14519 1837 389r 1851 202b 1852 228b 1852	" " Needle Hole Strip " " " " " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401b  Throat Plate Holder " " Screw " " Screw (long) " " (short)  Vibrating Presser Bar " " Cushion (rawhide).
401b 1851 14664 1839 14519 1837 389r 1851 202b 1852 228b 1852 11508 1809	" " Needle Hole Strip
401b 1851 14664 1839 14519 1837 389F 1851 202b 1852 228b 1852 11508 1809 11509 1826	" " Needle Hole Strip " " " " " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401b  Throat Plate Holder " " Screw " " Screw (long) " " (short)  Vibrating Presser Bar " " Cushion (rawhide). " " " Screw
401b 1851 14664 1839 14519 1837 389F 1851 202b 1852 228b 1852 11508 1809 11509 1826 233b 1852	" " Needle Hole Strip
401b 1851 14664 1839 14519 1837 389F 1851 202b 1852 228b 1852 11508 1809 11509 1826 233b 1852	" " Needle Hole Strip " " " " " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401D  Throat Plate Holder " " Screw " " Screw (long) " " (short)  Vibrating Presser Bar " " Cushion (rawhide). " " " Screw " " Hinge Bracket with 145r
401b 1851 14664 1839 14519 1837 389r 1851 202b 1852 228b 1852 11508 1809 11509 1826 233b 1852 14601 1810	" " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401d  Throat Plate Holder  " " Screw  " " Screw (long)  " " (short).  Vibrating Presser Bar  " " Cushion (rawhide).  " " " Screw  " " Hinge Bracket with 145F
401b 1851 14664 1839 14519 1837 389r 1851 202b 1852 228b 1852 11508 1809 11509 1826 233b 1852 14601 1810	" " Needle Hole Strip " " " " " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401b  Throat Plate Holder " " Screw " " Screw (long) " " (short).  Vibrating Presser Bar " " " Cushion (rawhide). " " " Screw " " Hinge Bracket with 145F  Vibrating Presser Bar Hinge Bracket Adjusting Screw
401b 1851 14664 1839 14519 1837 389F 1851 202b 1852 228b 1852 11508 1809 11509 1852 233b 1852 14601 1810	" " Screw  Throat Plate complete for 14721, Nos. 14563, 14663 and two 401d  Throat Plate Holder  " " Screw  " " Screw (long)  " " (short).  Vibrating Presser Bar  " " Cushion (rawhide).  " " " Screw  " " Hinge Bracket with 145F
401b 1851 14664 1839 14519 1837 389F 1851 202b 1852 228b 1852 11508 1809 11509 1852 233b 1852 14601 1810 145F 1852	" " Needle Hole Strip " " " " " Screw Throat Plate complete for 14721, Nos. 14563, 14663 and two 401D Throat Plate Holder " " Screw " " Screw " (short) Vibrating Presser Bar " " Cushion (rawhide). " " " Screw " " Hinge Bracket with 145F Vibrating Presser Bar Hinge Cap Screw Vibrating Presser Bar Hinge Cap Screw

NAME

NO. PLATE

NO. PLATE	NAME
11512 1825	Vibrating Presser Bar Spring
11939 1829	" " " Adjusting
	Staple
190 <sub>D</sub> 1824	Vibrating Presser Bar Spring Adjusting
	Staple Screw
223р 1819	Vibrating Presser Bar Spring Screw
11513 1839	" Foot
191c 1852	" " Screw

#### LIST OF PARTS COMPLETE FOR

#### **MACHINE NO. 11-19**

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

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
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
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

NO. IDAID	11711112
*14541	Crank Connecting Rod Cap
145E 1852	" " " Screw
565c 1851	" " Hinge Screw
1513E 1824	" " " " Nut
*14662	Cylinder, 31/8 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
792c 1813	" " 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
	Nut
12091 1813	Feed Regulator
58E 1813	" " Hinge Screw
254p 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
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
1518E 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
	159p, 453c and 460c
159р 1852	Lifting Presser Bar Guide Bracket Ad-
	justing Screw

NO. PLATE	NAME	NO. PLA	TE NAME
56516 1862	Lifting Presser Bar Guide Bracket Guide	8482 18	26 Oil or Wax Stripper Washer (steel) for
134p 1852		0102 10	11497
	Screw (lower)	11918 18	
123D 1852	Lifting Presser Bar Guide Bracket Guide	11515 10	11917
	Screw (upper)	207F 18	
453c 1824	Lifting Presser Bar Guide Bracket Set		57 Oil Cup complete, Nos. 2205, 8482, 9084,
	Screw	11921 10	11497, 11917 to 11919, two 8953 and
11909 1806	Lifting Presser Bar Lifter with 8761 and		•
	8763	1945 10	three 207F
8760 1826	Lifting Presser Bar Lifter Friction Washer	134p 18	•
16р 1851	" " " Hinge Screw	12090 18	
8761 1828	" " Stop Pin	11164 18	
11906 1806	" " Lifting Link	435c 18	)2 13 <b>6 t</b>
353c 1854	" " " Cap Screw	*****	Screw
8763 1828	" " " Hinge	11165 18	
0100 1020	Stud	14632 18	
7958 1828	Lifting Presser Bar Lifting Link Hinge	12088 —	Oldin
1000 1020	Stud Pin	14633 18	- ,
8765 1826	Lifting Presser Bar Lifting Link Hinge		453c, 1513E, 5868 and 12088
0700 1020		2117 18	
258E 1854	Stud Washer	453c 18	
	Lifting Presser Bar Screw Bushing	9119 18	
11409 1805	Spring	5868 18	24 Oscillating Shaft Crank Slide Block com-
11465 1815	Dracket with		plete, Nos. 190n, 1054c, 5968 and 9119.
050 1054	353c	190р 18	24 Oscillating Shaft Crank Slide Block Cap
303C 1854	Lifting Presser Bar Spring Bracket Set		Screw
11400 1000	Screw.	. 5968 18	24 Oscillating Shaft Crank Slide Block Cap
11466 1826	Lifting Presser Bar Spring Bracket Set		Screw Washer
11000 100F	Screw Washer	1054c 18	24 Oscillating Shaft Crank Slide Block Screw
11380 1805	Needle Bar		Stud
11539 1866	Connecting Link	1513 <sub>E</sub> 18	24 Oscillating Shaft Crank Slide Block Screw
566c 1851	truige octew		Stud Nut
1513E 1824		252E 18	54 Pressure Regulating Thumb Screw
	Nut	14535 18	21 Shuttle Bobbin
11383 1814	Needle Bar Connecting Stud with two	12093 18	20 " Cylinder
	445c	12000 18	
445c 1852	Needle Bar Connecting Stud Set Screw	12001 18	21 " " Latch
$258E\ 1854$	" Screw Bushing	2027 18	
19702 1829	" Clamp with 680p and 11385	11854 18	
11385 1825	" " Gib	590e 18	21 " " " Screw
680p 1855	" "Thumb Screw	12094 18	20 " Frame
11497 1857	Oil Cup	773c 18	
11917 1857	" " Cover	12095 18	
9084 1828	" " Hinge Pin		20 Shuttle (cylinder) 2½ in. diam., complete,
2205 1825	" " Latch Spring		Nos. 590E, 773c, 2027, 11854, 12000,
207F 1852	"." " " Screw		12001, 12093 to 12095 and 14535
11919 1829	" " Thread Eyelet	12006 18	
8953 1826	" or Wax Stripper (felt)	2049 18	9
		2010 10	-0 IM.

NO. PLATE	NAME
14554 1818	Shuttle Race
141c 1852	" Screw
11421 1814	Tension Bracket
190p 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
11044 1827	" Wheel
11420	Tension (wheel) complete, Nos. 411p,
•	1560c, 8905, 11044, 11422, 11423 and
	two 8879
11950 1829	Thread Eyelet
2102 1827	" Retaining Disc
1560c 1854	" " Regulating Thumb Nut
8905 1827	u u u u
	Washer
606р 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	FIII
434c 1852	Det Derew
11845 1807	Lever with 1995
567p 1851	Tinge Screw
1995 1889	Rober and Screw
1510 1010	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
190р 1824	
14663	Adjusting Screw
	" " Needle Hele Strip
14563 1841	Needle Hole Surp
401р 1851	Screw
14664 1839	Throat Plate complete for 14721, Nos.
	14563, 14663 and two 401p
14519 1837	Throat Plate Holder
389r 1851	" " Screw
202р 1852	" " Screw (long)
228D 1852	" " (short)
14592 1809	Vibrating Presser Bar

NO. PLATE	NAME
14593 1809	Vibrating Presser Bar Guide Bracket with
	448c
14594 ——	Vibrating Presser Bar Guide Bracket com-
	plete, Nos. 231c, 11472, 14593, 14595
	and two 190p
14595 1809	Vibrating Presser Bar Guide Bracket
	Cap
190ь 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	u · u u u
	Screw
56517 1887	Vibrating Presser Foot
898d 1852	" " Screw
1547р 1854	" " " Nut

#### **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.

## LIST OF PARTS COMPLETE FOR

#### MACHINE NO. 11-21

FOR CLOTH OR LEATHER. DROP FEED UP THE ARM, MAKES STITCH FROM  $\frac{1}{18}$  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
144р 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
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
*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	" " Hinge Serew	
1518E 1813	" " " " Nut	
6132 1813	" " Universal Joint	
212c 1813	a a a "a a	
2120 1010	Cap Screw	
23c 1851	Feed Forked Connection Universal Joint	;
200 2001	Hinge Screw	
11970 1813	Feed Regulator	
58E 1813	" " Hinge Screw	
818p 1889	" " Thumb Screw	
14565 1803	" Rock Shaft	
14665 1803	" " Arm with 436c	
2117 1828	" " " Pin	
436c 1852	" " " Set Screw	
304c 1852	" " Screw Centre	
1513E 1824	" " " " Nut	
14638 1801	" Rod	
23c 1851	" " Hinge Screw	
14507 1825	" Raising Block	
792c 1813	" " " Screw	
14501 1825	" " Spring	
219р 1889	" " 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	
$258e\ 1854$	" Screw Bushing	
19702 1829	" Clamp with 680p and 11385	
11385 1825	" " Gib	
680o 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	

NO. PLATE	NAME
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 Piri " " " S e t
435c 1852	
	Screw
11165 1826	Oscillating Rock Shaft Oil Pad
14639 1800	Ottai v
13324 —	Crank
13416 1824	Oscillating Shaft Crank complete, Nos.
0117 1000	453c, 1513E, 5868 and 13324
2117 1828 453c 1824	Oscillating Shaft Crank Pin
453c 1824 9119 1824	" " Set Screw " " Slide Block
5868 1824	Oscillating Shaft Crank Slide Block com-
3000 1024	plete, Nos. 190p, 1054c, 5968 and 9119.
190р 1824	Oscillating Shaft Crank Slide Block Cap
1300 1324	Screw
5968 1824	Oscillating Shaft Crank Slide Block Cap
0000 1021	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 175p and
	446c
175d 1852	Presser Bar Guide Bracket Adjusting
	Screw
12066 1807	Presser Bar Guide Bracket Guide with
104- 1050	7393
164b 1852 446c 1852	Presser Bar Guide Bracket Guide Screw
11990 1806	set screw
685D 1851	Linter
7393 1828	Timge Sciew
258E 1854	" " Stop Pin
11991 1805	" Spring
14572 1847	" Foot
176p 1852	" " Screw
252E 1854	Pressure Regulating Thumb Screw
14535 1821	Shuttle Bobbin
11999 1821	" Cylinder
12000 1819	" " Hinge Pin
12001 1821	" " Latch

NO. I	LATE		N.	AME		
2027	1821	Shuttle	Cylinde	r Latch	Pin	
11854	1821	**	"	"	Spring.	
590e	1821	"	46	"	" 8	Screw
12004	1821	"				
774c	1821	"				w
12005	1821	"	"			
11997	1821					complete,
						, 11999 to
						5
14640	1823		Driver :	and Fee	d Lifting	Cam
2117	1828	"	"	" "	**	" Pin.
14554	1818	"				• • • • • • • • • • • • • • • • • • • •
141c	1852	"	" Sc	rew		
12008	1814		ı Bracke	t		
190p	1824	"	"	Screw		
8879	1827	"	Friction	n Washe	er (cloth)	
11423	1826	"	"	"	(steel)	
1560c	1854	"	Regula	ting Th	umb Nut	t
8905	1827	"	"		"	Washer
411p	1855	"	Screw S	Stud		
11422	1827	**				
11044	1827	"	Wheel.			
11420		Tension	ı (whee	el) com	plete. N	os. 411D.
		1560	c, 8905,	11044,	11422,	11423 and
		two 8	8879			
14555	1829	Thread	Eyelet	(front o	f arm)	
11950	1829	66	"	(side of	arm) for	11041
2102	1827	"	Retaini	ng Disc		
1560c	1854	"	"			numb Nut
8905	1827	"	"	٠,		" "
0000		Was	her		. <i>.</i>	
686p	1855	Thread	l Retaini	ing Scre	w Stud	
2103	1827	"	"			
11041		Thread	Retair	ier con	plete, N	Vos. 686D,
11011						102
12014	1808	Thread	l Take-u	p Cam	with two	435c
3012	1828	66	44			
4350		"	"	" 5	et Screw	·
12016	1807	"	"			95
	1851	"	46	"		crew
1995	1889	"	"	**	-	and Screw
1999	1009	Stud	with 15	18E		
1510-	1813					and Screw
19191	1019			-		and belew
		South				

NO. I	PLATE			NAME					
11052	1827	Thread	Take	-up Sp	ring		 		
11431	1827			•		egulato			
190p	1824	"	46		4	"	"	A	d-
		justir	ig Ser	ew			 		
14641	1848	Throat	Plate	for 14	645		 		
14519	1837	"	"	Holde	r		 		.,
389г	1851	46	"	"	Scre	w . ,	 		
202p	1852	"	"	Screw	(long)	)	 		
$228 \mathrm{D}$	1852	"	"	"	(short	t)	 		

#### **MACHINE NO. 11-22**

FOR HAND POWER, DIFFERS FROM NO. 11-15-ONLY IN HAVING A HAND DRIVING MECHANISM ATTACHED TO THE S. D. A. HAND DRIVING ATTACHMENT PARTS

NO. PLATE		1	NAME	
14686 1893	Arm Sha	aft		
14687 1893	Balance	Whee	1	
14688 1893	"	44	Hand	le (wood)
14689 1893	"	"	"	Stud
1503E 1854	44	"	"	" Nut
14690 1869	"	"	"	" " Washer
14691 1869	"	"	"	Washer with 2049.
390д 1889	"	"	"	" Screw
2049 1828	"	44	"	Steady Pin
8873 1828	44	46	Pin	
14692 1893	"	"	Stud	with 7393
1503E 1854	46	46	" I	Šut
14693 1863	"	"	"	" Washer
144D $1852$	"	"	Cap S	crew
14694 1869	"	"	46	" Washer
7393 1828	"	"	"	" " Steady
	Pin			
8984 1812	Brake B	llock (	wood).	
9в 1851	44	" 8	Screw	
14695 1893	Friction	Pulle	y	
8714 1863	"	"	Pin	
14696 1893	"	"	Shaft	
11442 1858	"	Wash	er (pap	er)
401E 1851	44	"	Scre	w
14697 1893	"	Whee	el with	two 354c
8873 1828	" .	"	Pin	
354c 1101	"	"	Set S	crew

NO. PLATE	NAME
56519 1893	Gear
56520 1893	" Cover for 56519
690p 1889	" " Screw
381p 1851	" Screw
14700 1893	Lever
14701 1893	" Bracket with 446c
8873 1828	" " Dowel Pin
779E 1889	" " Screw
14702 1868	" Hinge Pin
446c 1852	" " Set Screw
8992 1812	" Spring
56521 1893	Pinion for 56519
14705 1863	" Pin
14672 1858	Treadle (wood)
14673 1863	" Eyelet
342E 1855	" Screw
9842 1829	" " Washer
14674 1868	" Hinge
838p 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
354c 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 381E

#### 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 21/2 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	
· 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 1	
14644 1858	Balance Wheel with two 354c	
354c 1101	" Set Screw	
14789 1868	Crank Connecting Rod with 14790 a	
	two 145E	
*14790 ——	Crank Connecting Rod Cap	
145E 1852	Screw	
372c 1851	Hinge Screw	
1518E 1813	IN U	
*14793	Cylinder, 2½ in. diam	٠.
3032 1803	Feed Cam with 446c	
446c 1852	Set Screw	
3033 1813 375c 1813	Connecting Link	
3.33 2323	ringe Screw	
1518E 1813	" " " " Nu	C

NO. PLATE	NAME
14711 1884	Feed Dog
176р 1852	" " Screw
12062 1802	" Forked Connection
375c 1813	" " Hinge Screw
1518E 1813	" " " " Nut
	" " Universal Joint
6132 1813	" " " " " "
212c 1813	
	Cap Screw
23c 1851	Feed Forked Connection Universal Joint
	Hinge Screw
11970 1813	Feed Regulator
58E 1813	" " Hinge Screw
818d 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	" " " Screw
14501 1825	" " Spring
219p 1889	" " Screw
14796 1868	Needle Bar
11976 1814	" " Connecting Link
375c 1813	" " " Hinge Screw
1518E 1813	" " " " " "
1919E 1919	N.,4
14547 1814	Nut
14947 1014	
459- 1004	453c  Needle Bar Connecting Stud Set Screw
453c 1824	
258E 1854	belew Dushing
14797 1871	Imeau Guaru
233р 1852	ocrew
2167 1871	Clamp with 190F
196 <b>F</b> 1871	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

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
134p 1852	Oil Cup Screw
6022 1862	Oscillating Rock Shaft (steel) with 4784.
3052 1862 1513E 1824	" " Hinge Pin
1513E 1824 4784 1863	" " Oil Pad
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
175n 1852	Presser Bar Guide Bracket Adjusting Screw
12066 1807	Presser Bar Guide Bracket Guide with
	7393
164 <sub>D</sub> 1852	Presser Bar Guide Bracket Guide Screw
446c 1852	" " Set Screw
11990 1806	" " Lifter
685р 1851	ringe screw
7393 1828	Stop I in
258E 1854 11991 1805	Screw Dusning
11991 1805	" " Spring " Foot (left of needle)
176p 1852	" Screw
252E 1854	Pressure Regulating Thumb Screw
1899 1840	Roller, 1½ in., with 634p and 1528p
12031 1844	" Arm
440F 1852	" " Adjusting Screw
1547р 1854	" " " Nut
12032 1844	" " Bracket
316F $1852$	" " Serew Centre
1547 <sub>D</sub> 1854	" " " " Nut
2205 1825	" Lock Spring
176р 1852	" " " Screw
1549p 1854	ivub
634p 1840	ocrew
1528ь 1854	" " Nut

NO. PLATE	NAME
12030 1844	Roller Presser, 11/4 in. roller, complete,
	Nos. 176p, 440r, 1549p, 1899, 2205,
	12031, 12032, two 316F and three 1547p
176p 1852	Roller Presser Screw
2073 1873	Shuttle Bobbin
2211 1873	" Retaining Spring
2212 1873	" " " Rivet,
	per 100
<b>₹</b> 6058 ——	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
466н 1873	" Tension Regulating Screw
2086 1873	" " Spring
2090 1873	" " Plate
112 <sub>D</sub> 1873	" " Screw
6028 1873	Shuttle (high point) complete, Nos. 112D,
	466н, 2073, 2075, 2076, 2078, 2080, 2086,
	2090 and 6058
6147 1873	Shuttle Driver and Feed Lifting Cam
2049 1828	rui.
14800 1874	nace
16688	Cover
16689 1874	10000 With 0472 and
0.470 1074	two 240p.
6472 1874 240p 1874	Shuttle Race Cover Latch
	ocrew
104p 1874 198p 1874	" " Screw
12008 1814	Tension Bracket
190o 1814 190o 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
11044 1827	" Wheel
11420 —	Tension (wheel) complete, Nos. 411p.
	1560c, 8905, 11044, 11422, 11423 and
	two 8879
14555 1829	Thread Eyelet (front of arm)
_2000 2020	

NO. P	LATE			ME			
11950	1829	Thread I	Eyelet (	side of	arm) f	or 1104	.1
2102	1827	" I	Retainin	g Disc			
	1854	44	"	Regu	lating	Thumb	Nut
10000	1827	"	"	- 6	6	46	.44
2000	102.	Washe	er				
686p	1855	Thread I	Retainir	ıg Scre	w Stud	l	·
2103	1827	"	44	Sprin	g		
11041		Thread	Retaine	er con	aplete,	Nos.	686d,
		1560c.	2103, 8	3905 ai	nd two	2102	
56508	1808	Thread	Take-ur	Cam	with t	wo 435	c
3012	1828	"	"	" ]	Pin		
435c	1852	"	"	"	Set Scr	ew	
12016	1807	"	"	Lever	with.	1995	
567p		"	44	**	Hinge	Screw	
1995	1889	"		. "	Rolle	r and	Screw
1000	1000	Stud	with 15	18е			
1518E	1813	Thread	Take-u	p Leve	er Roll	er and	Screw
10101	1010	Stud	Nut	- • • • • •			
11894	1871	Thread	Take-u		ng		
11431	1827	"	44	44	Reg	gulator	Plate
190p	1824	"	"	"		"	46
		Adjus	sting Sc	rew			
14712	1884	Throat	Plate fo	or 1471	.1		
14713	1884	"	" Б	older.	. <b></b>		
389E	1851	"	"				
	1889	"	" · S	crew			
-101	Fo	r Driving	Attac	hment	Parts,	, see P	age 10

#### 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 ½, 5%, ¾ AND ½ INCH DIAMETER CAN BE MADE, BUT IF SO ORDERED THE MACHINE WILL BE FITTED TO MAKE HOLES I INCH TO 4½ INCHES DIAMETER, THE VARIATIONS IN SIZE BEING NOT LESS THAN ¼ 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
65p 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
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
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

	NO. PLA	TE			NAS	ME			
	14738 -		Cloth	Plat	e with	Brac	ket c	omplete,	Nos.
			147	36, 1	4737 a	nd tw	vo 389	γe'	. <i></i>
	389r 18	351	Cloth	Plat	e Screv	w			
		302						th 11364	
	11555								
	*11364 -								
	145E 1		"		44	"		Screw	
	565c 1		"		46	"		e Screw.	
	1513E 4		È 66			"	"	•	Nut
	4	024	Culin	don S	3½ in.	diam		<-	
_	*14609 =	000							
		803	reea	Cam				<i></i>	
	445c 1		"						
		803	"	Cont	iecung	, Link			
	565c 1				"		Hing	e Screw.	
	1513E 1	-	"	_					Nut
		885							
	14716 1	881	"	"				r 14715.	
	14722 1	881	"	46				for 1471	
	14733 1	866	"						
	14715 1	866	"	44	44			Carrier	
	792c 1	813	44	**	46		"	Screw	
	176p 1	.852	"	"	Screw				
	14502 1	802	"	Fork	ced Co	nnect	ion		
	565c 1	851	"	"		"	H	inge Scre	w
	1513E 1	824	"			"		" "	Nut
		813	"	"		"	τ	niversal	Joint
	212c 1		"	66		"		46	.66
			Ca	n Sci	rew				
	23c 1	1851						Jniversal	
	200 .	.00#							
	14583	1803		•					
	****	1851	"	100	"			w	
		1813	46		"			rew	
		1801	"	Roo	k Shai				
		1803	"	"	K 131101				
		1803	"	"	46			436c	
			"	"	"	44			
		1828		"	"	- 66		Screw	
	436c		"	"	"			aring Oil	
		1828	"	"	"				
	14526	1803		••				(forked)	
	14522	1803						with 44	
	14524							comple	
				l504,				12, 1452	
	3012	1828	Fee	l Ro	ek Sha	ft Cra	ink P	in for 14	526

NO. PLATE	NAME
2117 1828	Feed Rock Shaft Crank Pin for 14522
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
14506 1801	" Rod
23c 1851	" " Hinge Screw
14501 1825	" " Spring
219p 1889	" " Screw
14740 1875	Grommet Hole Centre Guide (steel) for
	½ in. ring, for 14774
14741 1875	Grommet Hole Centre Guide (steel) for
	5% in. ring, for 14776
14742 1875	Grommet Hole Centre Guide (steel) for
	3/4 in. ring, for 14777
14743 1875	Grommet Hole Centre Guide (steel) for
	7/8 in. ring, for 14778
14744 1875	Grommet Hole Centre Guide (steel) for
	1 in. ring, for 14779
14745 1875	Grommet Hole Centre Guide (cast iron)
	for 1 in. hole, for 14780
14746 1875	Grommet Hole Centre Guide (cast iron)
	for 11/4 in. hole, for 14781
	Nos. 14747 to 14759 for 14782
14747 1875	Grommet Hole Centre Guide (wood) for
14141 1010	1½ in. hole
14748 1875	Grommet Hole Centre Guide (wood) for
11170 1010	1¾ in. hole
14749 1876	Grommet Hole Centre Guide (wood) for
11110 1010	2 in.·hole
14750 1876	Grommet Hole Centre Guide (wood) for
11700 1070	2½ in. hole
14751 1876	Grommet Hole Centre Guide (wood) for
11.01 10.0	2½ in. hole
14752 1876	Grommet Hole Centre Guide (wood) for
	2¾ in. hole
14753 1876	Grommet Hole Centre Guide (wood) for
11100 1010	3 in. hole
14754 1876	Grommet Hole Centre Guide (wood) for
	3¼ in. hole
14755 1876	Grommet Hole Centre Guide (wood) for
20,0	3½ in. hole
14756 1876	Grommet Hole Centre Guide (wood) for
3,0	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
	4¼ in. hole
14759 1877	Grommet Hole Centre Guide (wood) for
	4½ in. hole
14026 1885	Grommet Hole Centre Guide Position Pin
	for 14773 and 14775
846d 1886	Grommet Hole Centre Guide Position
	Screw for 14782
175d 1852	Grommet Hole Centre Guide Screw for
970- 1000	½ to 1¼ in. centre guides Grommet Hole Centre Guide Screw for
376 <sub>D</sub> 1889	1½ in. to 4½ centre guides
14760 1868	Grommet Hole Centre Guide Screw Block
14700 1005	for 14736
389 <sub>F</sub> 1851	Grommet Hole Centre Guide Screw Block
0001 1001	Screw
11538 1870	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
14728 1870	" Frame with 1900 and 14732
14610 1811	Oam
14611 ——	Needle Bar Frame Cam complete, Nos.
14010 1011	14610, 14612 and two 159D  Needle Bar Frame Cam Bevel Gear
14612 1811 567p 1851	" " " " Screw
14613 1811	" " Cover
202ъ 1852	" " " " Screw
	" " Screw
159ъ 1852	" " Driving Bevel Pinion
14614 1811	with two 445c
445- 1050	Needle Bar Frame Driving Bevel Pinion
445c 1852	Set Screw
14615 1828	Needle Bar Frame Hinge Pin
435c 1852	" " Set Screw
14729 1870	1 Itilian
1371c 1889	Ittilge berew
14730 1871	" " " " Stud
14731 1871	
	Collar with 448c

NO. PLATE	NAME
448c 1871	Needle Bar Frame Pitman Hinge Stud
4400 1071	Collar Set Screw
14534 1811	Needle Bar Frame Regulator with 1813
	and two 212p
1086E 1854	Needle Bar Frame Regulator Adjusting
	Screw
14616 1825	Needle Bar Frame Regulator Adjusting
	Screw Sleeve
212р 1813	Needle Bar Frame Regulator Adjusting
	Screw Stop Screw
1639р 1854	Needle Bar Frame Regulator Adjusting
	Screw Thumb Nut
1813 1854	Needle Bar Frame Regulator Roller and
	Stud
164р 1852	Needle Bar Frame Regulator Screw
41544 1826	" " " Washer
14732 1871	" Inread Guard
190p 1824	Screw
56522 1869	washer (steel)
19702 1829	Clamp with 680b and 11385
11385 1825	" GID
680p 1855	1 numb Screw
11497 1857	Oil Cup
11917 1857	Cover
9084 1828	" " Hinge Pin
2205 1825	Laten Spring
207F 1852	ocrew
11919 1829	Tiffead Eyelet
8953 1826	or wax stripper (left)
8482 1826	wasner (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
134д 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	3
622c 1854	1146,
022C 1894	BUIEW
	Bearing

	NO. I	LATE	NAME
	1508e	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. 190p, 1054c, 5968 and 9119.
	190 <sub>D</sub>	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
			Stud Nut
	*56524		Oscillating Shaft Sleeve
	2049	1828	" " Pin
	14603	1805	Presser Bar
	14532	1809	" Guide Bracket with 1450 and
			445c
	$145_{D}$	1852	Presser Bar Guide Bracket Adjusting
			Screw
	14617	1807	Presser Bar Guide Bracket Guide with
			2022
	.; 381р	1851	Presser Bar Guide Bracket Guide Screw
	445c	1852	" " Set Screw
	14761	1870	" " Lifter
	8760	1826	" " Friction Washer
	50063р	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
	14559	1838	" Foot (left of needle) for 14716
	14558	1838	" " (right of needle) for 14722
	14762	1887	" for 14739, for grommet holes
		1887	" " " rings
	176D	1852	" " Screw
Χ̈́	14535	1821	Shuttle Bobbin
,	14764	1872	" Cylinder

NO. PLATE	NAME
12000 1819	Shuttle Cylinder Hinge Pin
14529 1822	" " Latch
2027 1821	" " Pin
11854 1821	" " Spring
590E 1821	" " Screw
14530 1822	" Frame
773c 1820	" Tension Regulating Screw
12005 1821	
14765 1872	" "Spring Shuttle (cylinder) 2½ in. diam., complete,
14/00 10/2	No. 500m 772 2007 11054 10000
	Nos. 590e, 773c, 2027, 11854, 12000,
	12005, 14529, 14536, 14535 and 14764.
56525 1872	Shuttle Driver and Feed Lifting Cam
2049 1828	1 111.
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
632p 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
14103 1011	(lower)
401p 1851	Tension (upper) Releaser Body Block
401D 1001	(lower) Screw
14770 1871	Tension (upper) Releaser Body Block
14770 - 1871	
401 1051	(upper)
401 <sub>D</sub> 1851	Tension (upper) Releaser Body Block
	(upper) Screw
756p 1871	Tension (upper) Releaser Screw
14771 ——	Tension (upper) Releaser complete, Nos
	14767 to 14770, two 756p and four 401p
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

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
	Stud with 1518E
1518E 1813	Thread Take-up Lever Roller and Screw
	Stud Nut
1948 1889	Thread Take-up Lever Thread Guiding
	Roller
8798 1827	Thread Take-up Spring
14624 1827	" " Regulator Plate
190p 1824	« « « « «
1002 1021	Adjusting Screw
14772 1869	Thread Take un Carina Stanle
690p 1889	" " Screw
41544 1826	" " " Screw " " " Washer
14520 1838	Throat Plate for 14716
14521 1838	" " " 14722
14773 1885	" with 14026, for 14739 for
21,10 1000	14774
14774 ——	Throat Plate 14773 with 175p and 14740,
21111	for ½ in. ring
14775 1885	Throat Plate with 14026, for 14739 for
220	14776 to 14781
14776	Throat Plate 14775 with 1750 and 14741,
	for 5% in, ring.
14777	Throat Plate 14775 with 1750 and 14742,
	for 3/4 in. ring
14778 ——	Throat Plate 14775 with 1750 and 14743,
	for 1/8 in, ring
14779	Throat Plate 14775 with 1750 and 14744,
	for 1 in. ring
14780	Throat Plate 14775 with 175D and 14745,
	for 1 in. hole
14781	Throat Plate 14775 with 1750 and 14746,
	for 11/4 in. hole
14782 1886	Throat Plate with 846p, for 14739 for
	14747 to 14759, for $1\frac{1}{2}$ in. to $4\frac{1}{2}$ in.
•	holes
14783 1888	Throat Plate Holder
389ғ 1851	" " Screw
202р 1852	" " Screw (long)
228p 1852	" " (short)
For I	Oriving 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	1828	Balance Wheel Pin, in place of 8937
	For I	Oriving 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

#### **BOBBIN WINDERS**

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

#### FOR MACHINE BED

NO.	PLATE		N	AME ·		
11756		Belt w	ith $25028$		. <b></b> .	. <b></b>
25028	1829	" Н	look			
11758	1800	Frame				
11759	1812	Pulley				. <b>.</b>
11760	1800	"	Driving	Wheel	1	
8380	1812	**	46	"	Handl	e
11762	1828	"	"	. "		Stud
8382	1826	44		44	"	" Washer
11761		Pulley	Driving	Whe	el Hane	dle complete,
		Nos	. 8380, 83	82 an	d 11762	2
11763	1828	Pulley	Driving	Whee	l Stud.	. <b></b>
2269	1828	"	44	46	" P	in
11764	1826	"	"	"	" V	Vasher
11765	1805	Spindl	e			
11754	1800	Bobbii	n Winde	r cor	nplete,	Nos. 2269,
		1178	56, 11758	to 1	1761 a	nd 11763 to
		1176	35			
135D	1852	Bobbin	n Winder	Screw	7	

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

#### FOR WOOD TABLE

NO.	PLATE		N.	AME		
11768		Belt w	ith 25028	3		
25028	1829	" Н	[ook			
11769	1800	Frame				
11770	1812	Pulley				
11760	1800	"	Driving	Whee	l	
8380	1812	44	44	"	Hand	lle
11762	1828	"	"	"	"	Stud
8382	1826	"	. 66	"	. 46	" Washer
11761		Pulley	Driving	Whe	el Ha	ndle complete,
		Nos.	. 8380, 83	82 an	d 1176	32
11763	1828	Pulley	Driving	Whee	l Stud	
2269	1828	44	"			Pin
11764	1826	"	"	"	"	Washer
11771	1805	Spindle	e <b></b>			
11766	1800	Bobbin	n Winder	comp	lete, N	os. 528E, 2269,
		1176	0, 11761,	11763	3, 1176	4 and 11768 to
		1177	<b>'1</b> .			
5281	1855	Bobbir	n Winder	Clam	ping S	crew

#### **BOBBIN WINDER (Automatic)**

#### FOR 14535

NO. I	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
24p	1891	" " Hinge Screw
1541n	1891	Tension Regulating Thumb Nut
470p	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
838ъ 1889	Treadle Hinge Screw

#### DRIVING ATTACHMENT

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	
135b 1852	Bulew
8991 1812	" Screw
8992 1812	" " Washer" " Spring
14785 1863	
1520e 1889	1100K
6055 1863	" " Nut
166p 1855	
11864 1858	Screw
11004 1505	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
14100	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,
14700 1030	14707 and 27639
14599	Singer Driving Attachment complete, Nos.
	9р, 135р, 166р, 1520е, 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
1503E 1854	" " Nut
25114 1812	" " " Washer
14654 1858	Washer
<del>-</del> -	wasner (paper)
401E 1851	berew
14655 1858	Lever
14656 1858	Dracket
3012 1828	Dower Fin
123E 1852	Serew
135р 1852	ocrew
25011 1812	wasner
8992 1812	" Spring
11864 1858	Shaft Driving Pulley, 10 in. diam., 11/4 in.
-	face, $1\frac{3}{16}$ in. bore (sectional) with two
F07- 10FF	597c
597c 1855	Shaft Driving Pulley Clamping Screw
27636 363	Treadle
9082 1101	Dearing Cotter Fin
27637 362	ritinali rou (lower)
27638 1101	Spring
27639 362	(upper)
9079 362	Clamp with 554c
354c 1101	Screw
27640 362	Treadle Pitman complete, Nos. 2762, 9079 and 27637 to 27639
2878 363	Treadle Stand.
2762 1815	" Stop Collar with 362F
362r 1853	" " Set Screw
27642 —	DEL DELEW
21042 —	Treadle complete, Nos. 2878, 9082, 27636 and four wood screws 1 in. No. 16
077.040	
27643 ——	Treadle and Pitman complete, Nos. 27640
14714	and 27642
14714	Driving Attachment complete, Nos. 122b,
	135р, 164р, 1503Е, 8992, 11864, 14644,
	14651 to 14656, 25011, 27643, 56501,
	two 123E and four 401E

#### FOOT LIFTER PARTS

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

NO. I	LATE	NAME
13351		Chain, 46 in. to 55 in. long
No	re: W	hen ordering No. 13351 give-length required.
4879	1812	Chain Connecting Link
14600	1801	Lifting Lever
568D	1851	" " Hinge Screw
19510	1825	" " Spring
86p	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
145	1852	Vibrating Presser Bar Hinge Bracket
		Adjusting Screw
581	1813	Vibrating Presser Bar Hinge Bracket
		Lifting Screw
14602		Foot Lifter complete, Nos. 58n, 568n, 4885,
		13351, 14600, 14601, 19510 and two 86p

#### STAND PARTS

NO. FLATE			NAME
14659 1800	Arm Sl	aft	
14660 1861	Balanc	e Wh	eel with two 354c
354c 1101	"		Set Screw
25004 1861	Band V	Nheel	(two speed) 12 in. and 14 in.
	dian	ı., wit	h 9296
9296 1805	Band V	Nhee $l$	Pitman Stud
25089 1828	"	44	" " Pin
11743 1826	66	"	" Washer
559e 1853	44	46	Stud
1503E 1854	"	"	" Nut
150 <sub>D</sub> 1852	"	"	" Screw
25011 1812	"	"	" Washer
25114 1812	"	. "	" Washer

NO. PLATE	NAME
25012	Belt, size 3/8 in., length 801/2 in., with 25030
25030 1829	" Hook
781E 1853	Bolt with 1600E, to secure machine to
	stand
1600e 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 (left)
25062 1860	" (right)
25120 1861	Table Top (iron)
507E 1853	" " Bolt with 1515E
1515E 1854	" " " Nut
25080 1861	Treadle with two each 164D, 25085 and
	41544
25073 - 1861	Treadle Pitman (wood)
296c 1852	" Screw Centre
1507E 1854	" " " Nut
25085	" Strap (leather)
164p 1852	" " Screw
41544 1826	" " " Washer
25086 1890	Wrench for 1507, 1510 and 1515
25208 ——	Stand (iron work) rocking treadle, com-
	plete, Nos. 150p, 559E, 1503E, 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
858c 1852	" " Plug Screw
448c 1852	" " Set Screw
14232 1859	Table Belt Guide complete, Nos. 14229 to
	14231 and four R. H. B. wood screws
	1¼ in. No. 10

NO. PLATE	NAME
27593 1812	Brake (fibre)
27594 1859	" Bracket with 27593 and two 327E.
927c 1852	" " Adjusting Screw
1513E 1824	" " " Nut
307c 1852	" Screw Centre
1513E 1824	" " " Nut
327E 1851	" Screw
27595 1859	Cone Pulley (grooved) two speed, 4½ in.
	and $5\frac{1}{2}$ in. diam., with $27473$
27473 1101	Cone Pulley Centre Bearing
27596 1859	Dress Guard (left hand)
354c 1101	" " Screw
2018 1101	" " Washer
27597 1859	Driving Pulley (grooved) 61/4 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	" " "
	Dowel Pin
27601 1859	Frame
27668 1859	Idler Pulley
27603 1859	" " Bracket and Oil Cup
927c 1852	Belew
	(lower)
134E 1852	Idler Pulley Bracket and Oil Cup Screw
	(upper)
1513E 1824	Idler Pulley Bracket and Oil Cup Screw
	(upper) Nut
27669 1805	Idler Pulley Hollow Stud
615c 1854	· Cap belew
356c 1855	
27632 ——	
27678 ——	77120 11201
	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
2704 1897	1 in. No. 10:
27685 1857	Rock Shaft complete, Nos. 2763, 27684
27685 1857	and two each 2764 and 27683
27070 363	Shaft Driving Pulley (sectional, grooved)
21010 303	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
	" " (upper)
27639 362 9079 362	" " Clamp with 354c
354c 1101	" " Screw
27640 362	Treadle Pitman complete, Nos. 2762,
27040 302	9079 and 27637 to 27639
2878 363	Treadle Stand
	" Stop Collar with 362F
2762 1815	" " Set Screw
362F 1853	. Det Bulew
27642	Treadle complete, Nos. 2878, 9082, 27636 and four wood screws 1 in. No. 16
07040	Treadle and Pitman complete, Nos. 27640
27643	
97000	and 27642
27608 ——	
	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 1½ in. No. 16, four 307c
02000	and six 1513E
27609 ——	Transverse Under Driver, lever pressure,
	two speed, complete, Nos. 27070, 27608,
	27643 and 27685

#### **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, 2 1/2 in.,
	3¾ in. and 5¼ 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	" " " " " " "
	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	n nut
27485 1101	ninge rin
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	ritman Rod (lower)
27638 1101	" " " Spring

NO. PLATE	NAME
27639 362	Treadle Pitman Rod (upper)
9079   362	" " Clamp with 354c
354c 1101	." " " Screw
<b>27640</b> 362	Treadle Pitman complete, Nos. 2762, 9079 and 27637 to 27639
2878  363	Treadle Stand
2762 1815	" Stop Collar with 362r
362F $1853$	" " Set Screw
27642 ——	Treadle complete, Nos. 2878, 9082, 27636
	and four wood screws 1 in. No. 16
27643	Treadle and Pitman complete, Nos. 27640
07044	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
05015	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. PL	ATE	NAME
*14575	Arm	for 11-15 and 11-22 Machines
*14604 -	"	" 11-16 Machine
<b>14537</b> 1	800 "	Shaft for 11-15, 11-16 and 11-22
	M	achines
11953 1	800 Arm	Shaft for 11-1 Machine
14605 1	800 "	" " 11-16 Machine
14576 1	804 "	" Gear with two 453c, for 11-15,
	11	-16 and 11-22 Machines
14577 1	857 Arm	Side Cover (front) for 11-15 and
	11	-22 Machines
330р 1	851 Arm	Side Cover (front) Screw for 11-15
	ar	nd 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 1	852 Arm	Side Plate Screw for 11-1 to 11-9,
	11	-11 to 11-14 and 11-17 to 11-21
	M	achines
11958 1	804 Arm	Side Wheel Shaft for 11-1, 11-3, 11-4
	ar	nd 11-6 Machines
14580 1		Side Wheel Shaft for 11-15, 11-16
	ar	d 11-22 Machines

No.	PLATE	NAME	NO.	PLATE	NAME
6806	1804	Arm Side Wheel Shaft Gear with 453c, for	14582	1843	Feed Dog (left of needle) for 11967, for
		11-15, 11-16 and 11-22 Machines	22002	20-0	11-15 and 11-22 Machines
8873	1828	Balance Wheel Pin for 11356 for 11-16	14669	1850	Feed Dog (left of needle) for 11967, for
;		Machine			11-15 and 11-22 Machines
11963	1802	Crank Connecting Rod with 11964 and two	14716	1881	Feed Dog (left of needle) for 14715, for
		158E, for 11-1 Machine			11-15 and 11-22 Machines
12038	1802	Crank Connecting Rod with 11964 and	14543	1840	Feed Dog (right of needle) for 11967, for
		two 158E, for 11-3, 11-4 and 11-6			11-11 Machine
		Machines	14536	1838	Feed Dog (right of needle) for 11967, for
*11964		Crank Connecting Rod Cap for 11963 and			11-12 and 11-16 Machines
		12038	14682	1841	Feed Dog (right of needle) for panel work,
158E	1852	Crank Connecting Rod Cap Screw for			for 11967, for 11-15 and 11-22 Machines
		11963 and 12038	12028	1825	Feed Dog Adjusting Piece for 11967, for
3720	: 1851	Crank Connecting Rod Hinge Screw for			11-13, 11-14, 11-16 and 11-17 Machines
		11-1, 11-3, 11-4 and 11-6 Machines	11967	1813	Feed Dog Adjusting Piece Carrier for
1518E	: 1813	Crank Connecting Rod Hinge Screw Nut			11-13, 11-14, 11-16 and 11-17 Machines
****		for 11-1, 11-3, 11-4 and 11-6 Machines.	11967	1813	Feed Dog Carrier for 11-11, 11-12, 11-15,
*11961		Cylinder, 3½ in. diam., for 12007, for	100	. 1004	11-18 to 11-20 and 11-22 Machines
*14050		11-1 Machine	190	D 1824	Feed Dog Screw for 11-8, 11-13, 11-14, 11-16, 11-17, 11-21 and 11-24 Machines
*14658		Cylinder, 3½ in. diam., for 12098, for	11968	1812	Feed Dog Slide for 11-1 and 11-4 Machines
11443	1050	11-3, 11-4 and 11-6 Machines Driving Attachment Lever for 14599	12040		" Forked Connection for 11-3, 11-4
10855	1858 1815	" " Brake Roll	12040	1002	and 11-6 Machines
10000	1010	(wood) for 14714	11970	1813	Feed Regulator for 11-3, 11-4 and 11-6
14675		Driving Attachment Treadle complete for	113.0	1010	Machines
11010		14599, Nos. 342E, 9842, 14672 to 14674,	. 2117	1828	Feed Regulator Crank Pin for 11-8
		14676 and six wood screws 1¼ in. No. 10		20-0	Machine
2877	1800	Driving Attachment Treadle Pitman Rod	449	c 1852	Feed Regulator Crank Set Screw for 11-8
		(upper) for 14676	110		Machine
14676	1800	Driving Attachment Treadle Pitman com-	283	р 1813	Feed Regulator Thumb Screw for 11-3,
		plete for 14675, Nos. 2877, 9079 and		•	11-4, 11-6, 11-11 to 11-14, 11-17 and
		27639			·11-21 Machines
11965	1812	Feed Bell Crank Slide for 11-1 and 11-4	207	г 1852	Feed Rod Spring Screw for 11-8, 11-13,
		Machines			11-14, 11-16, 11-17, 11-21 and 11-24
14512	1839	Feed Dog for 11967, for 11-18 and 11-19			Machines
		Machines	5667	1857	Foot Lever for 5668
14666	1850	Feed Dog, for closing, for 11967, for 11-15	. 5669	1857	" " Bracket for 5668
*0000	1041	and 11-22 Machines	5671	1828	" " Hinge Pin for 5668
12039	1841	Feed Dog (double) for 11967, for 11-12 and	5672	1812	" " Lifting Spring for 5668
12072	1090	11-20 Machines	5668		" 5667 with 5669, 5671 and three
12072	1090	Feed Dog (left of needle) for 11967, for 11-12, 11-15 to 11-17 and 11-22	0000	100.	wood screws 1½ in. No. 16, for 11-6
		Machines			Machine
14544	1849	Feed Dog (left of needle) for 11967, for	14698	1893	Hand Driving Attachment Gear for
71011	1012	11-11 Machine	11000	1000	14709
14569	1845	Feed Dog (left of needle) for 14566, for	14699	1893	Hand Driving Attachment Gear Cover
_ 2000	. 3 – 3	11-17 Machine	_1000	_503	for 14698, for 14709
					,

NO. PLAT	E NAME
164n 185	
1.4700	Screw for 14709
14703 —	- Hand Driving Attachment Lever Spring Eyelet for 14709
14704 189	3 Hand Driving Attachment Pinion for
14585 180	1828 and 2718, for 11-15 and 11-22
11463 180	Machines
11405 180	
′ 381n 185	
11407 180	
11408 180	
11499 180	
7958 182	
11494 181	
2002 182	
11380 180	
11381 181	4 Needle Bar Connecting Link for 11-15, 11-16, 11-18 to 11-20 and 11-22
14508 181	Machines, use 11539  Needle Bar Frame with 14620, for 11-16 Machine
-14533 181	Needle Bar Frame Pitman for 11-16 Machine
23c 185	1 Needle Bar Frame Pitman Hinge Screw
14509 181	
164p 1855	11-16 Machine
2010 2004	Screw for 11-16 Machine
9043 1826	
	11-24 Machines
11384 1825	5 Needle Clamp with 245r, 11385 and 11386,
	for 11-1, 11-3, 11-4 and 11-6 Machines, use 19702

NO.	PLATE	NAME
11847	1825	Needle Clamp with 245F and 11385, for 11-1, 11-3, 11-4 and 11-6 Machines, use
		19702
245F	1851	Needle Clamp Set Screw for 11384 and 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.
11020	2001	2205, 8482, 9084, 11387, 11917 to 11919, two 8953 and three 207F
1351	1852	Oil Cup Screw for 11-8, 11-11 to 11-22 and
		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.
1971	1852	" " " Screw for
		11983
3040	1852	Oscillating Rock Shaft Screw Centre for 11-1, 11-3, 11-4 and 11-6 Machines
15131	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	1815	Oscillating Rock Shaft Steel Plate (right) for 11983
11985	1828	Oscillating Rock Shaft Steel Plate Rivet for 11983
11979	1800	Oscillating Shaft for 11-1 Machine
14589	1800	" " 11-16 and 11-24
		Machines
11981	1824	Oscillating Shaft Crank with 453c and
		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
1000	1024	Stud for 12089 and 13325
1807	1824	Oscillating Shaft Crank Roller and Stud
1001	1027	for 11981
14510	1806	Presser Bar Lifter for 11-16 Machine
	D 1851	" " Hinge Screw for 11-16
030.		Machine

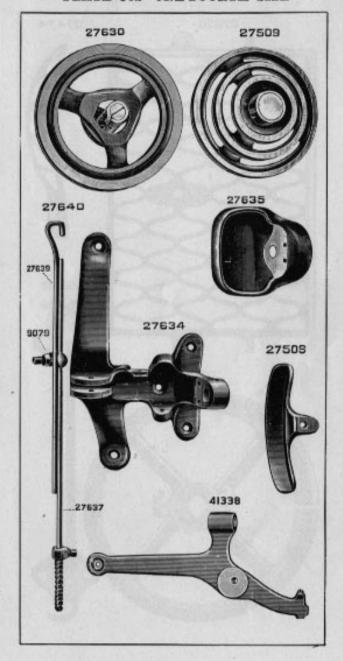
NO.	PLATE	NAME
258E	1854	Presser Bar Screw Bushing for 11-16
1 4 5 5 1	1045	Machine
14571	1845	Presser Foot (left of needle) for 14569, for
10010	1010	11-17 Machine
12019 14661	$\frac{1819}{1819}$	" " 14516
12020	1819	" Latch Spring for 12018
12020	1019	and 14516
2231	1819	Shuttle Cylinder Latch Spring Screw for
2201	J 1015	12018 and 14516
12021	1819	Shuttle Frame for 12018 and 14516
7740		" 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) 21/2 in. diam., complete,
		for 11-3, 11-4 and 11-6 Machines, Nos.
		223ь, 773с, 12000, 12020, 12021, 12095,
		14535 and 14661
12023	1823	Shuttle Driver and Feed Lifting Cam for
		12018 and 14516, for 11-1, 11-3, 11-4 and
		11-6 Machines
14511	1822	Shuttle Driver and Feed Lifting Cam for
		14527 and 14765, for 11-16 and 11-24
		Machines
12098	1817	Shuttle Race for 11-3, 11-4 and 11-6
*0005	1010	Machines
12007	1816	Shuttle Race Ring for 11-1 Machine " " 11-3, 11-4 and 11-6
12041	1816	
201	c 1851	Machines
991	C 1891	11-4 and 11-6 Machines
132	c 1852	Shuttle Race Screw for 11-3, 11-4 and 11-6
102	0 1002	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
686	р 1855	" Retaining Screw Stud for 11041.
11041		Thread Retainer complete for 11-16
		Machine, Nos. 686p, 1560c, 2103, 8905 and two 2102
1845	1854	Thread Take-up Lever Roller and Screw
1040	1004	Stud for all machines except 11-23 to
		11_98

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
		Machine
164	D 1852	Thread Take-up Spring Staple Screw for
		11-16 and 11-24 Machines
14520	1838	Throat Plate for 12072 and 14716, for
		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
11468	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	р 1852	Vibrating Presser Bar Hinge Cap Screw
_		for 11-4 Machine
11473	1836	Vibrating Presser Foot for 11949, for 11-4
		Machine
14597	1843	Vibrating Presser Foot for 14592, for 11-15,
11001	20-0	11-19 and 11-22 Machines
14668	1850	Vibrating Presser Foot for 14679, for
,		14666 and 14725
14671	1850	Vibrating Presser Foot for 14592, for
		14669 and 14726
14683	1887	Vibrating Presser Foot for 14592, for
	_,,_,	14682

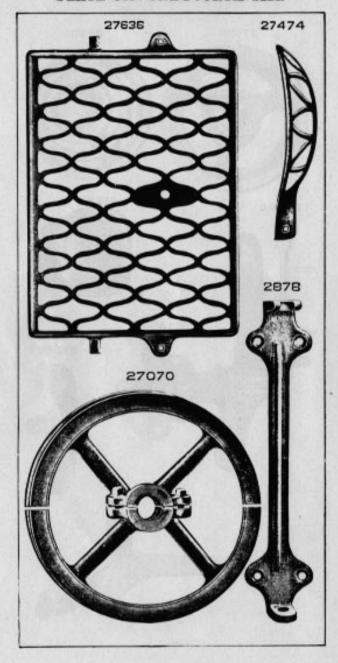
SINGER Needles should be used in SINGER Machines. These Needles and their Containers are marked with the Company's Trade Mark "SIMANCO.\*\*"

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

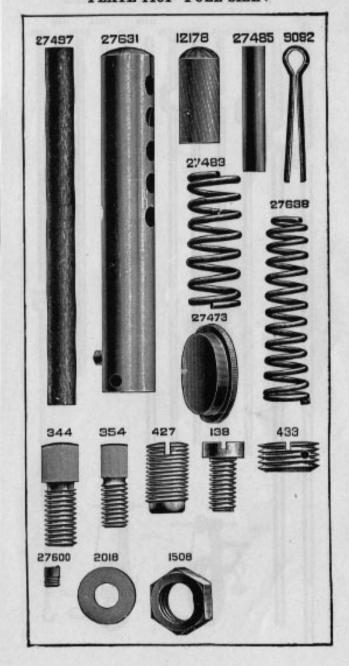
#### PLATE 362-ONE-FOURTH SIZE



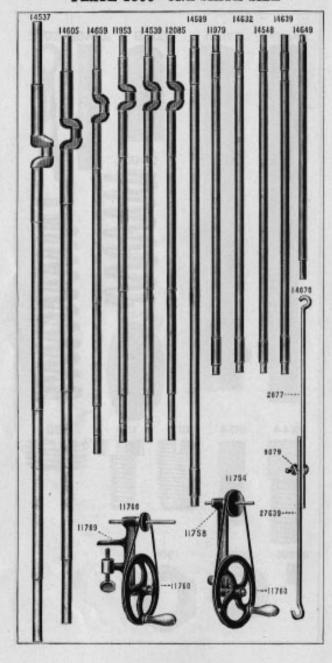
#### PLATE 363-ONE-FOURTH SIZE



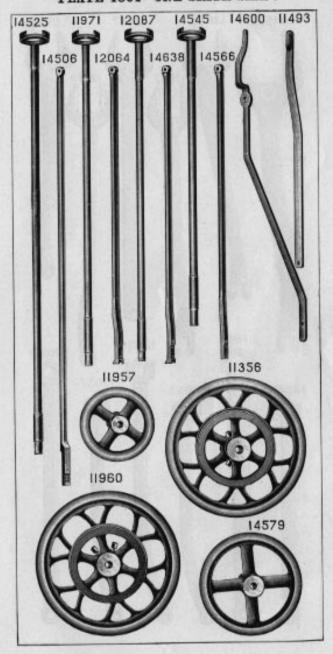
#### PLATE 1101-FULL SIZE \*



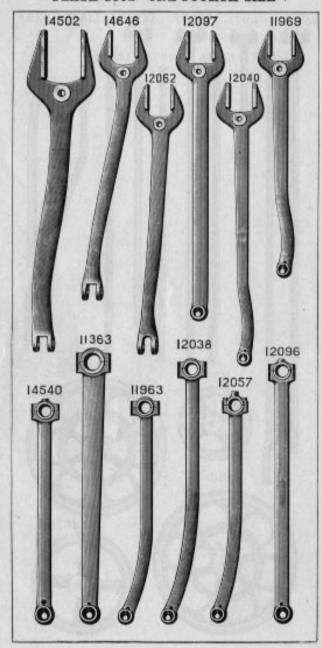
#### PLATE 1800-ONE-SIXTH SIZE



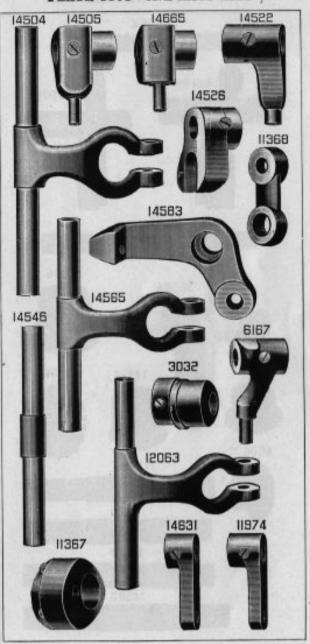
#### PLATE 1801-ONE SIXTH SIZE >

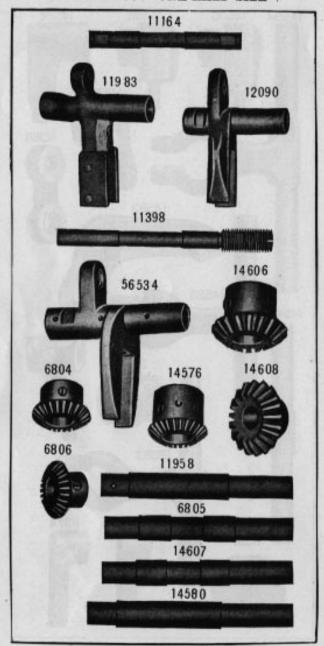


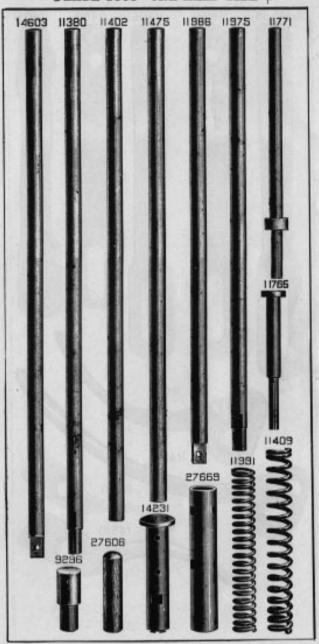
#### PLATE 1802-ONE-FOURTH SIZE +

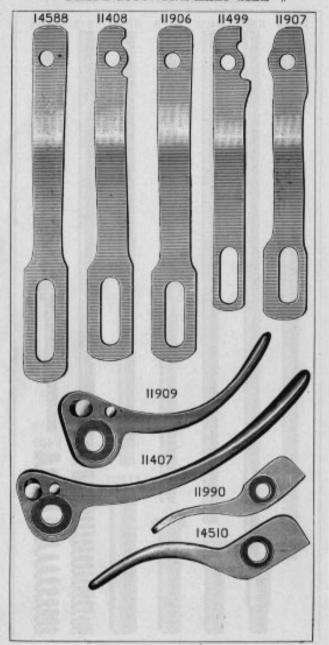


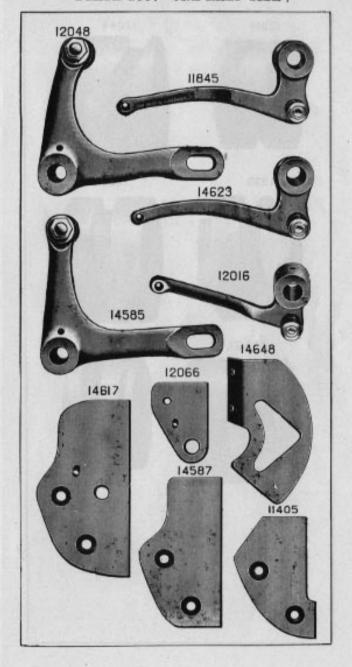
#### PLATE 1803-ONE-HALF SIZE



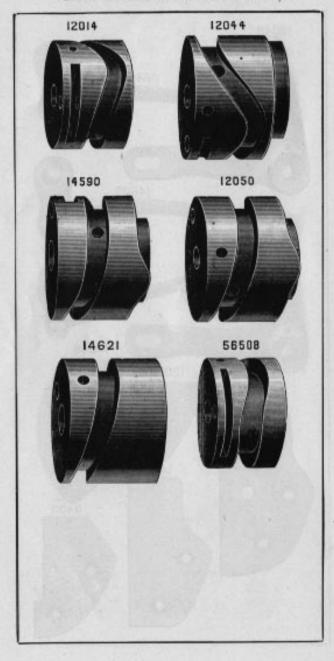




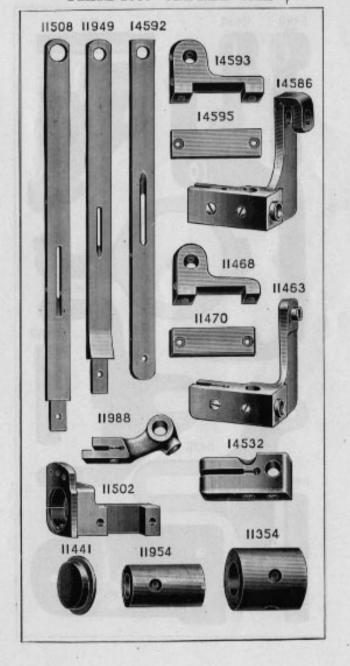




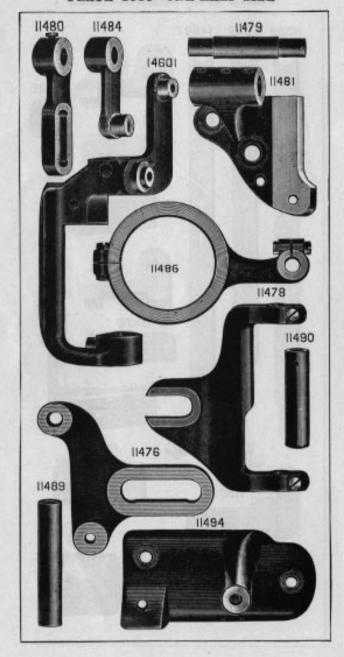
#### PLATE 1808-ONE-HALF SIZE



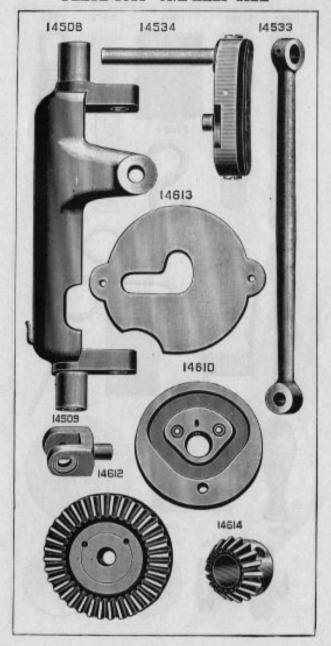
#### PLATE 1809-ONE-HALF SIZE



#### PLATE 1810-ONE-HALF SIZE



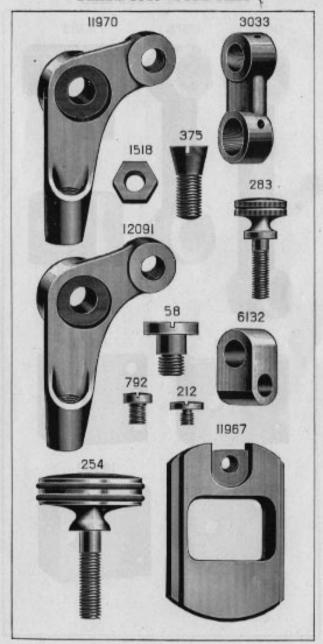
#### PLATE 1811-ONE-HALF SIZE



#### PLATE 1812-ONE-HALF SIZE

## 

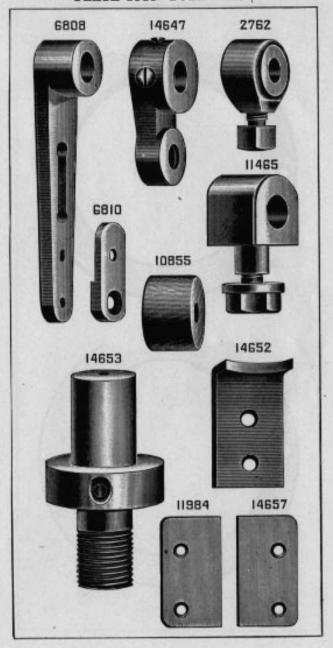
#### PLATE 1813-FULL SIZE



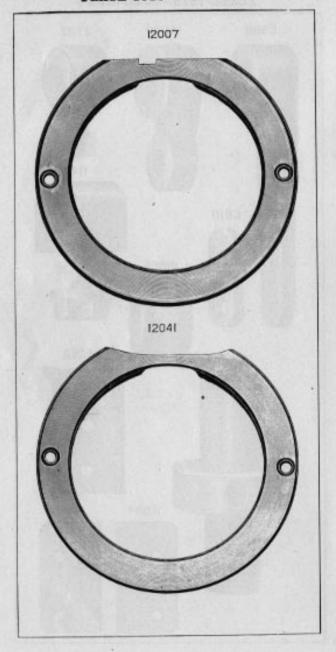
#### PLATE 1814-FULL SIZE

# 

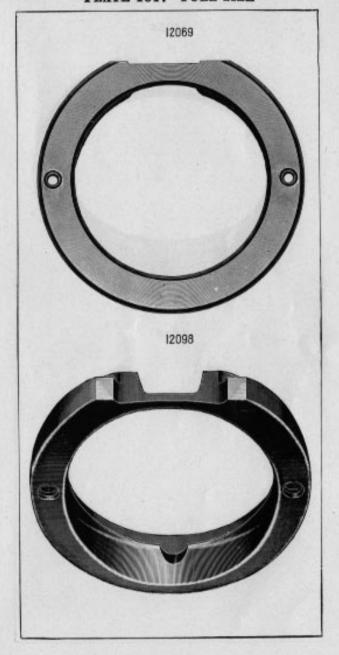
### PLATE 1815-FULL SIZE



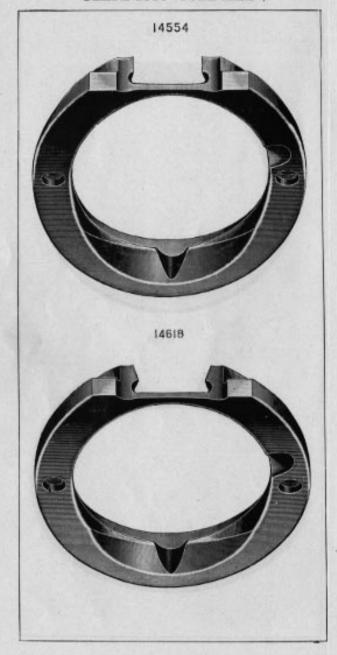
### PLATE 1816—FULL SIZE



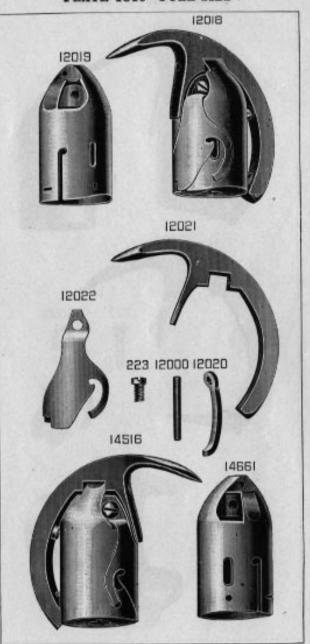
#### PLATE 1817—FULL SIZE

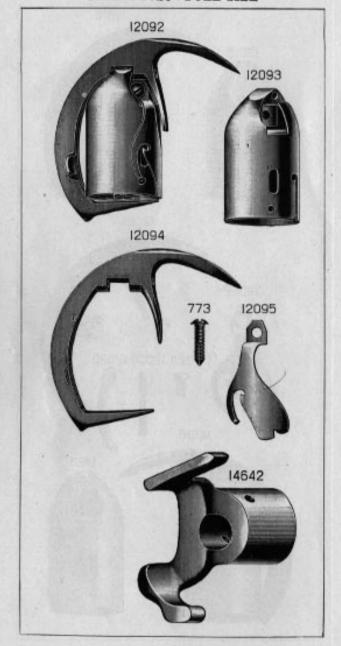


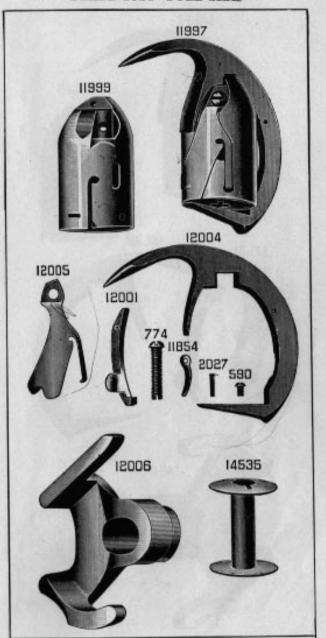
#### PLATE 1818-FULL SIZE +



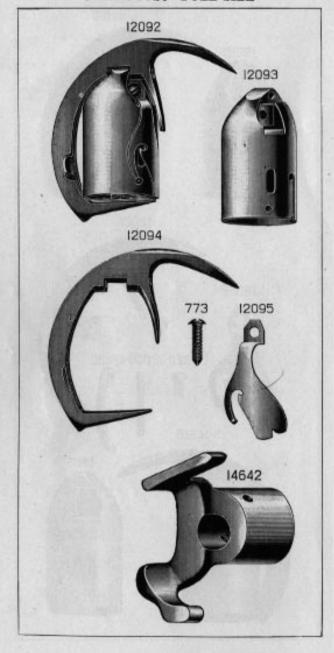
#### PLATE 1819-FULL SIZE \*



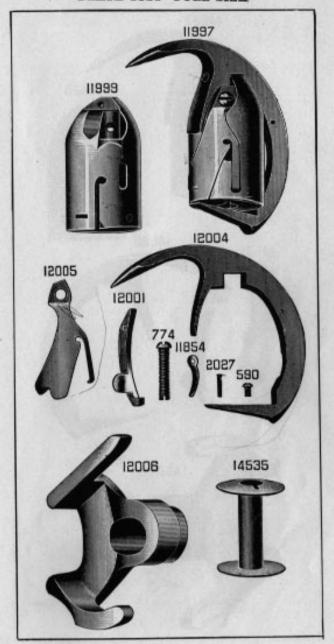




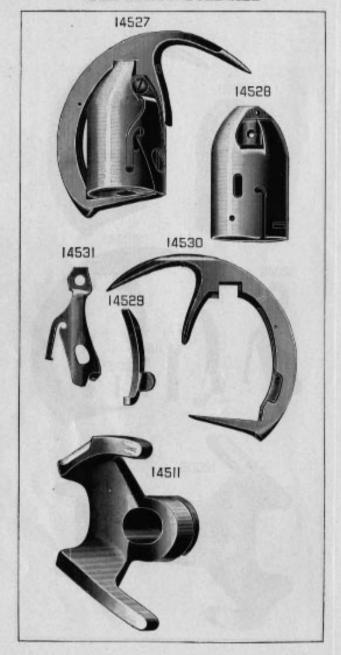
#### PLATE 1820-FULL SIZE



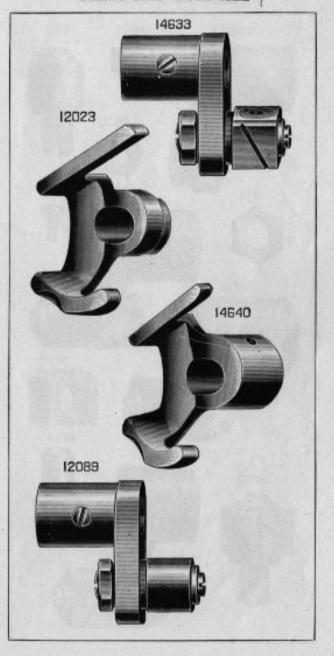
#### PLATE 1821-FULL SIZE



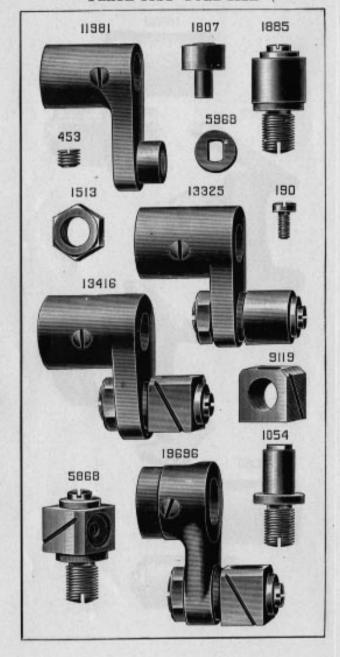
# PLATE 1822-FULL SIZE



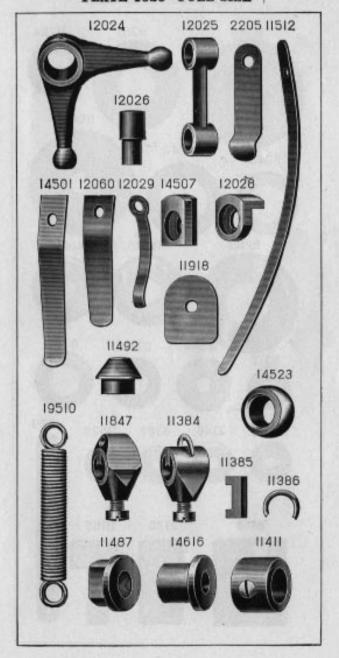
# PLATE 1823-FULL SIZE

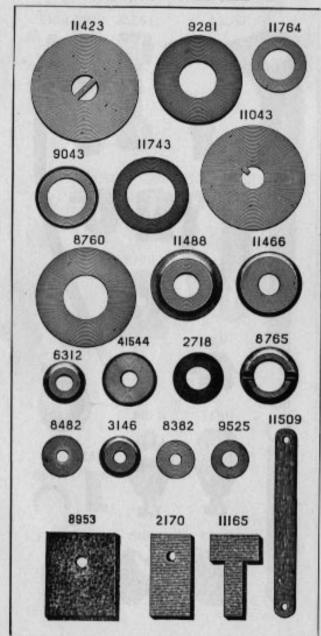


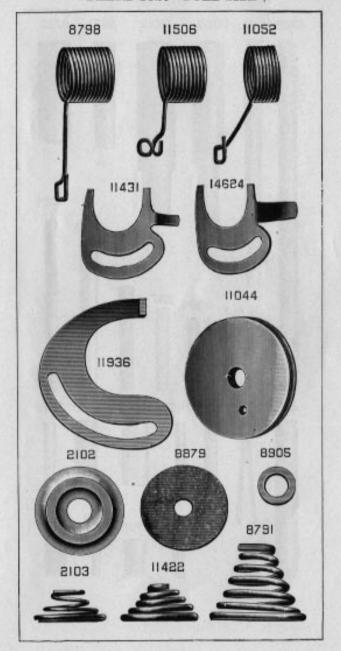
#### PLATE 1824-FULL SIZE

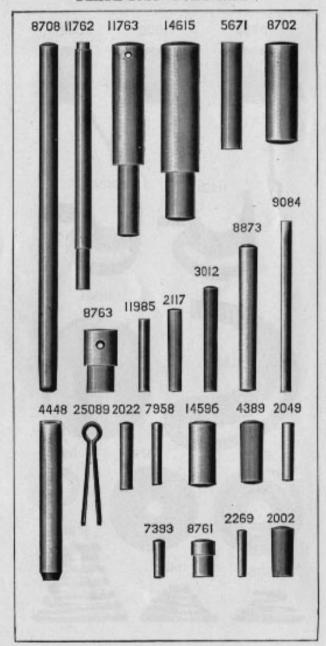


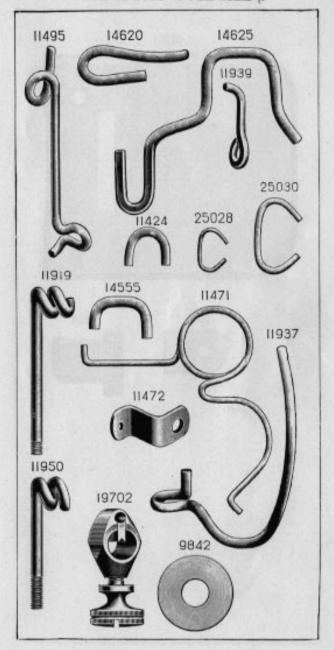
#### PLATE 1825-FULL SIZE



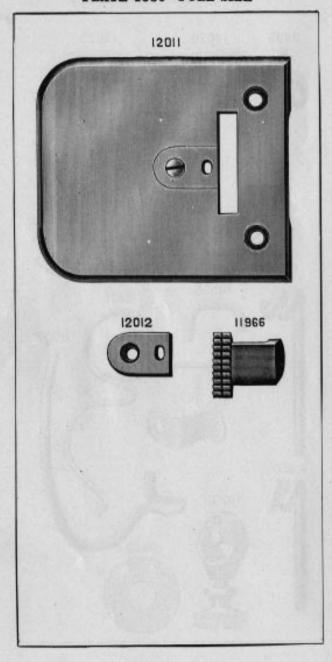




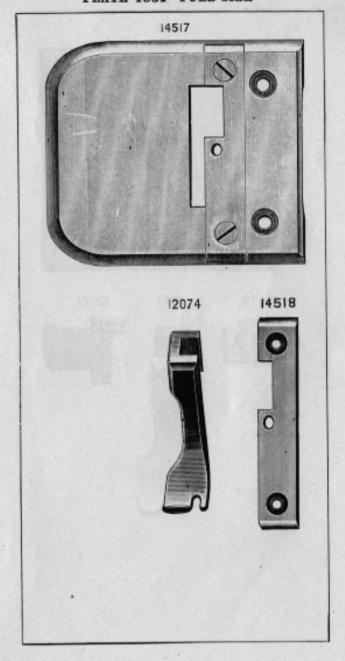




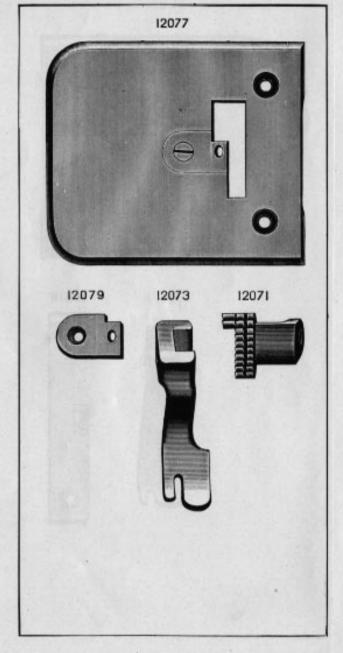
# PLATE 1830-FULL SIZE



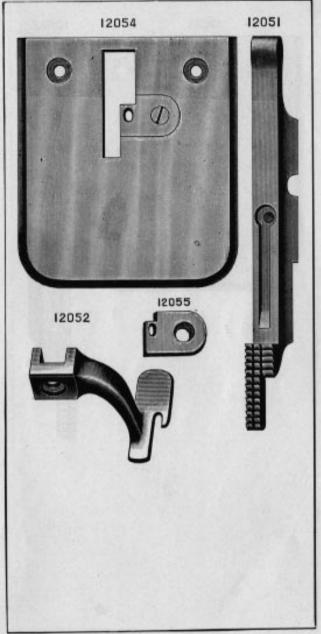
# PLATE 1831—FULL SIZE



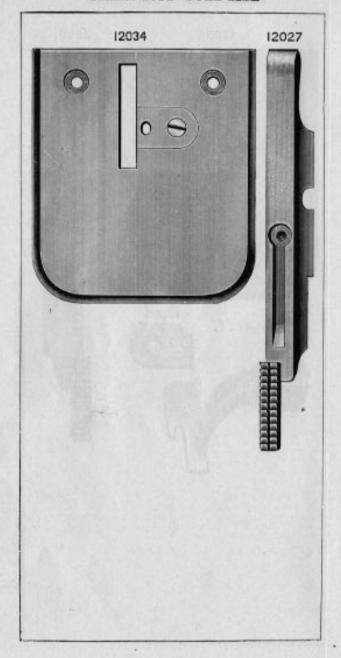
#### PLATE 1832-FULL SIZE



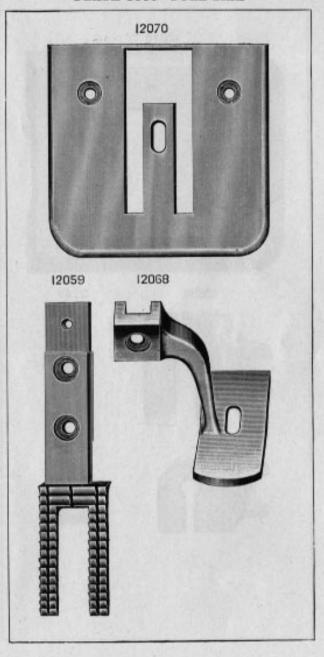
# PLATE 1833—FULL SIZE

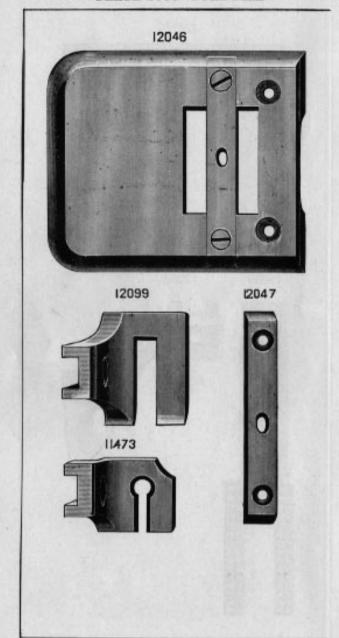


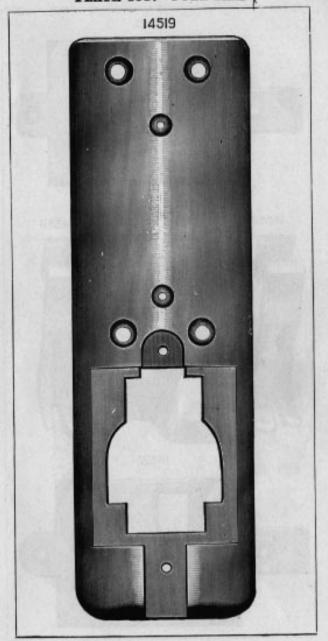
# PLATE 1834—FULL SIZE



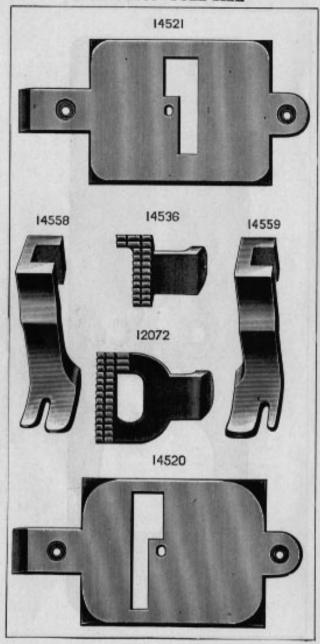
#### PLATE 1835-FULL SIZE



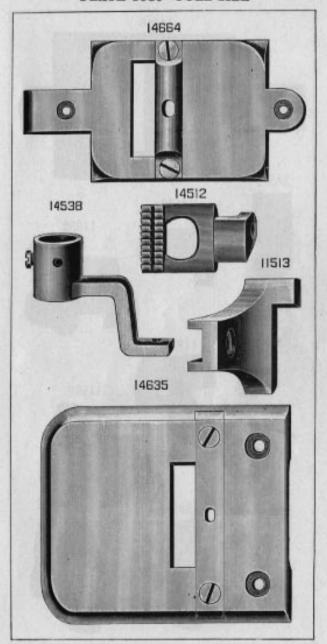




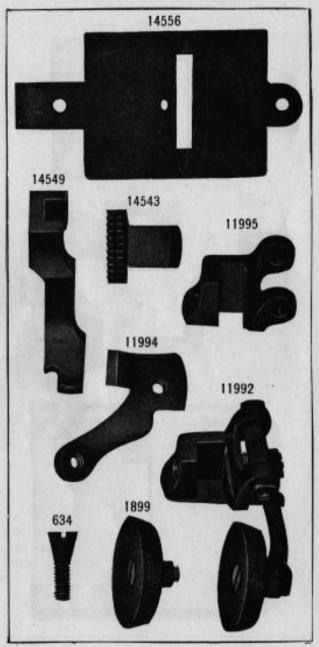
# PLATE 1838-FULL SIZE



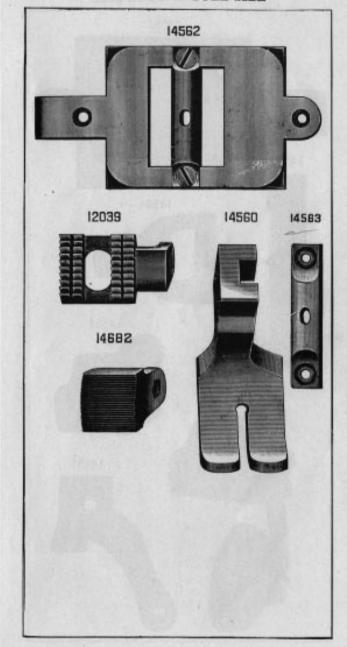
#### PLATE 1839-FULL SIZE



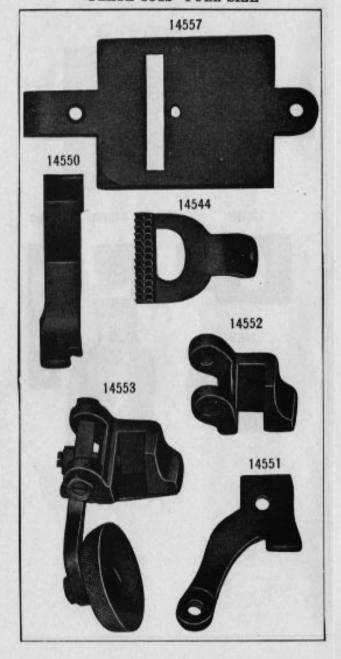
# PLATE 1840-FULL SIZE



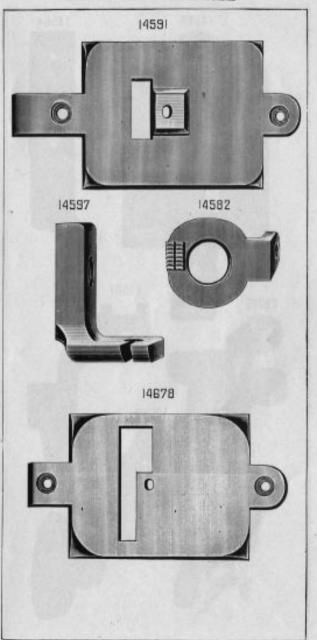
# PLATE 1841—FULL SIZE



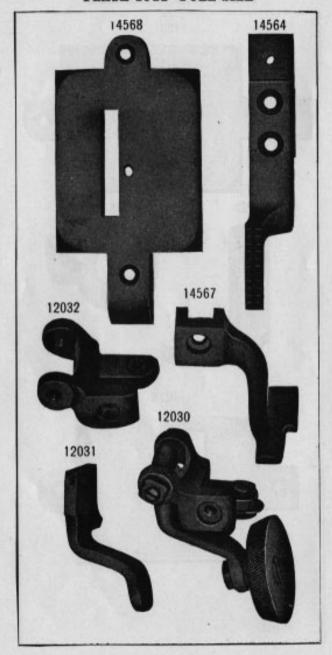
#### PLATE 1842-FULL SIZE



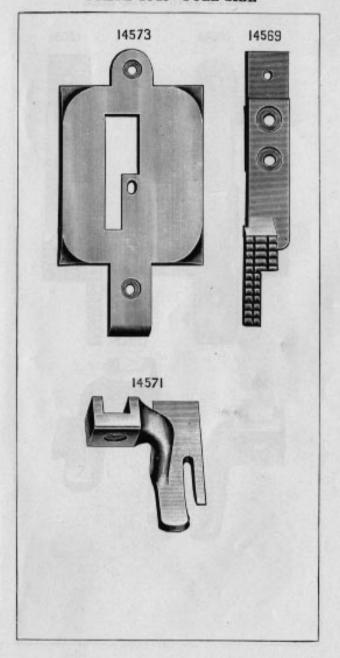
#### PLATE 1843-FULL SIZE



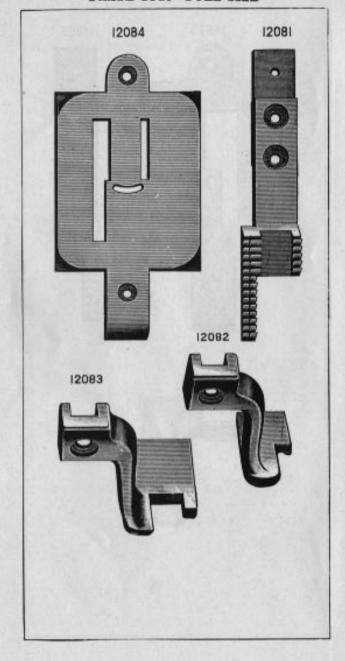
# PLATE 1844-FULL SIZE



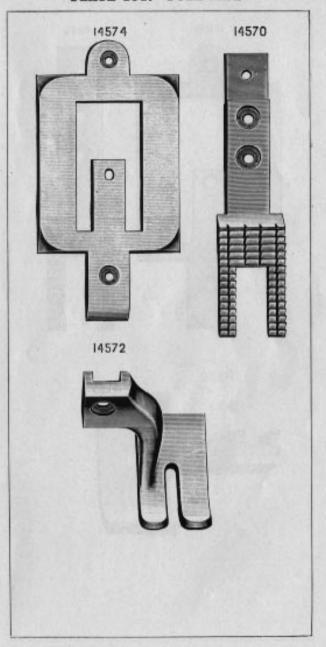
# PLATE 1845-FULL SIZE

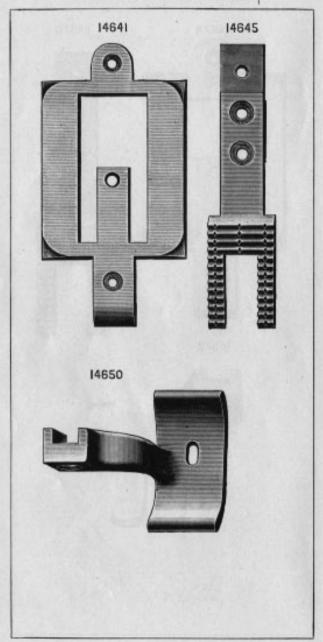


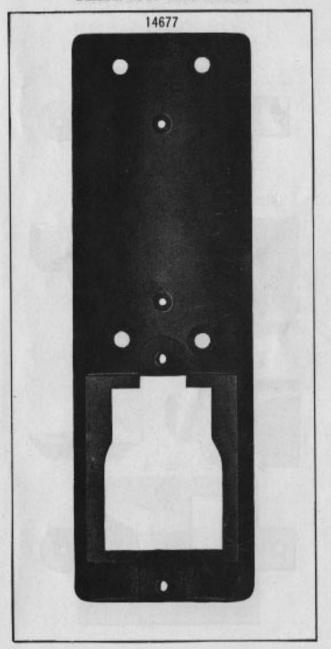
#### PLATE 1846-FULL SIZE



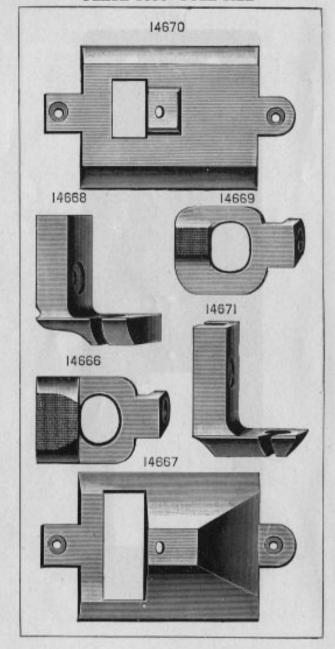
# PLATE 1847—FULL SIZE



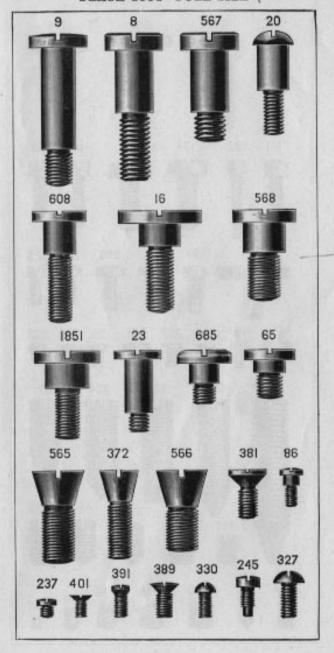


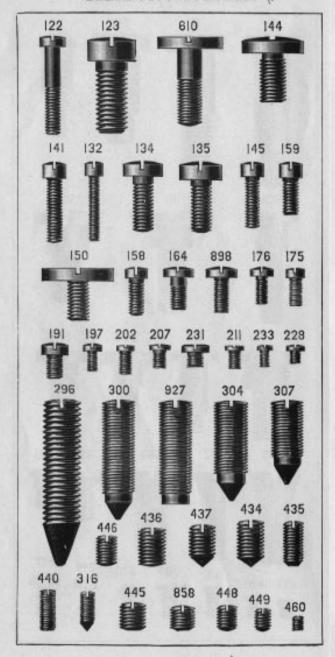


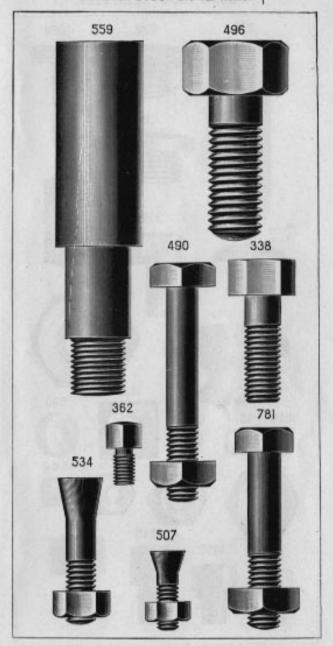
#### PLATE 1850-FULL SIZE

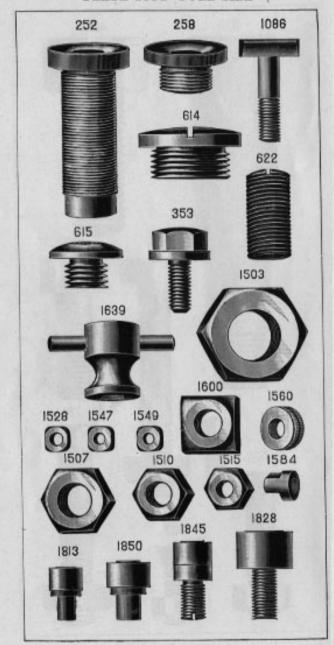


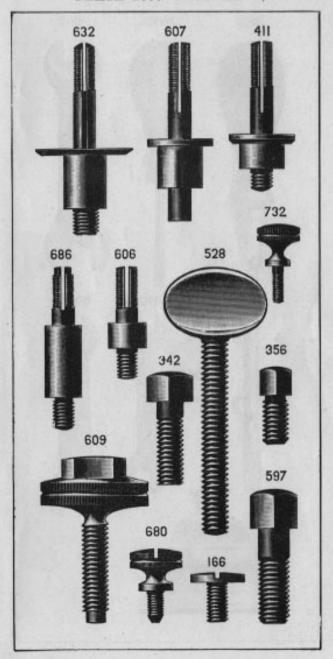
#### PLATE 1851-FULL SIZE ?



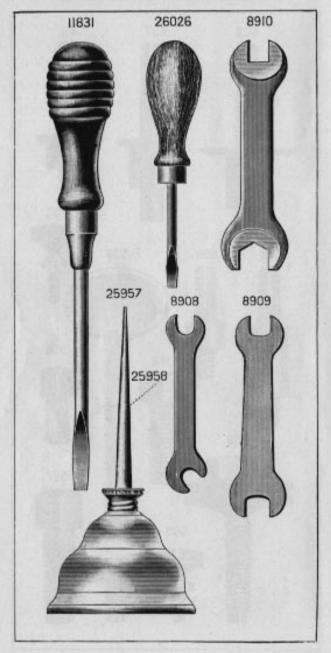








#### PLATE 1856-ONE-HALF SIZE



# PLATE 1857-ONE-FOURTH SIZE V

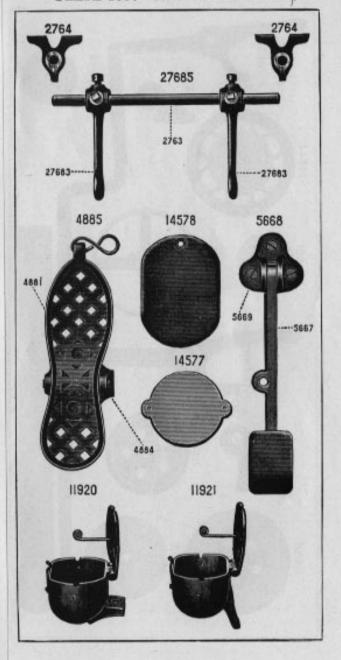
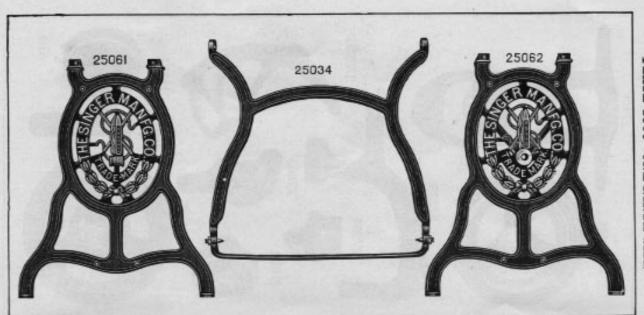


PLATE 1858-ONE-EIGHTH SIZE

# PLATE 1859-ONE-FOURTH SIZE





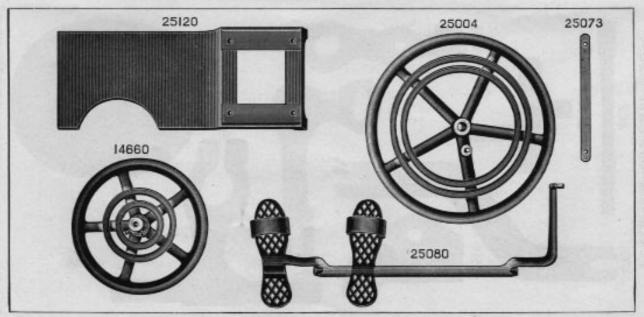


PLATE 1862-ONE-HALF SIZE +

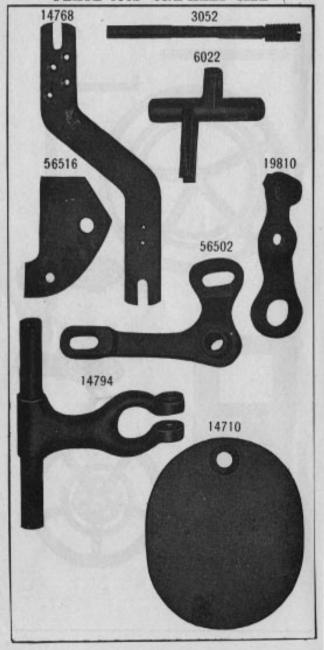
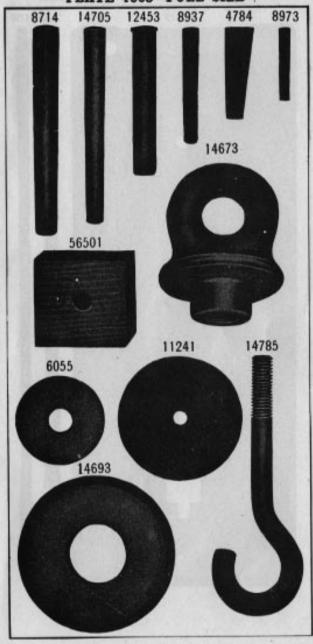
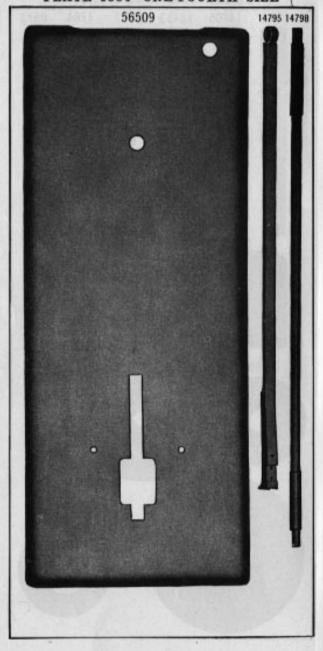


PLATE 1863-FULL SIZE



# PLATE 1864-ONE-FOURTH SIZE +



# PLATE 1865-ONE-FOURTH SIZE

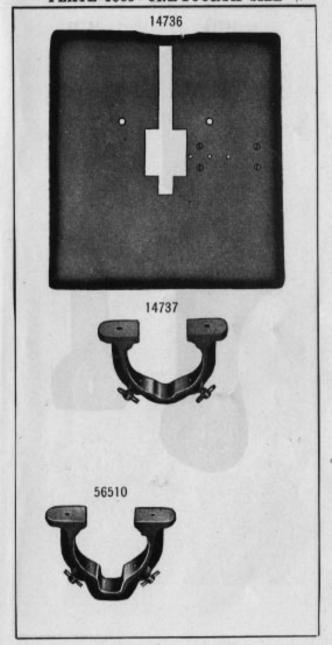


PLATE 1866-FULL SIZE >

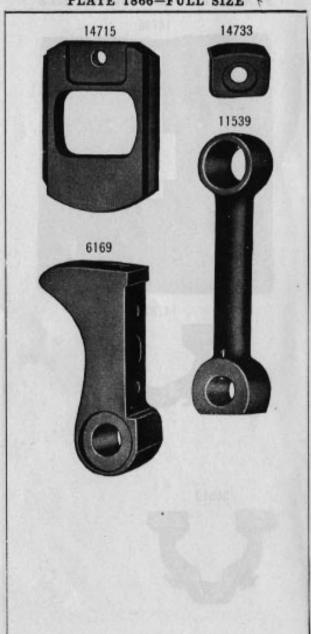


PLATE 1867-ONE-NINTH SIZE

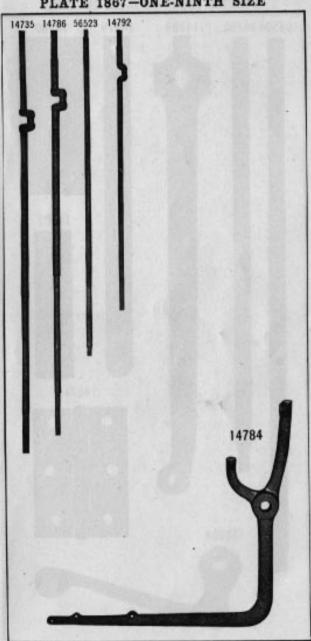
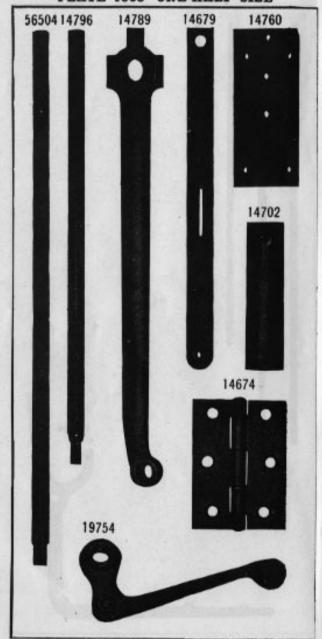
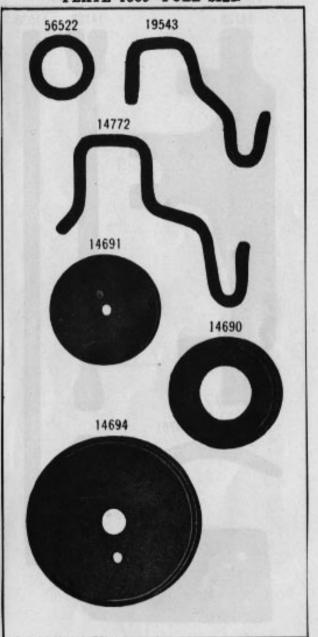


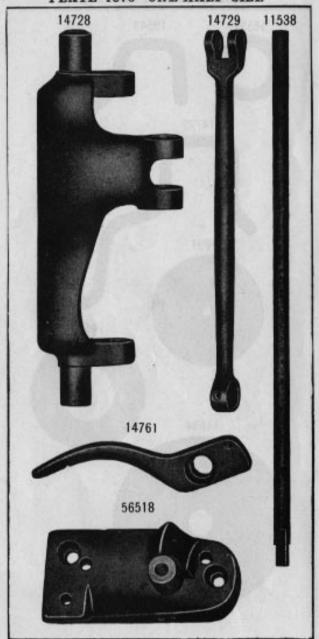
PLATE 1868-ONE-HALF SIZE

PLATE 1869-FULL SIZE

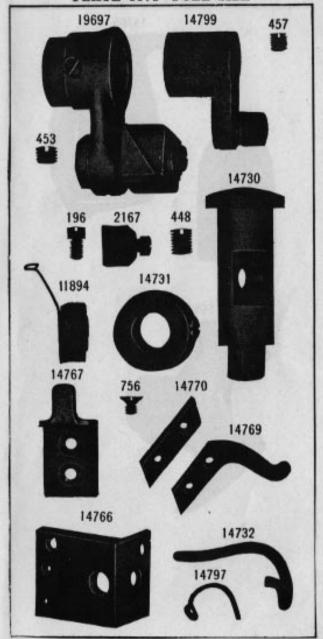




#### PLATE 1870-ONE-HALF SIZE



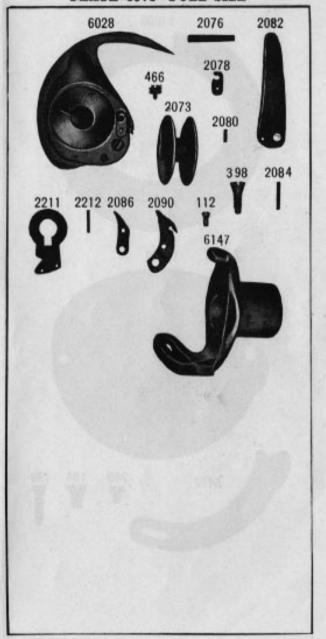
#### PLATE 1871-FULL SIZE



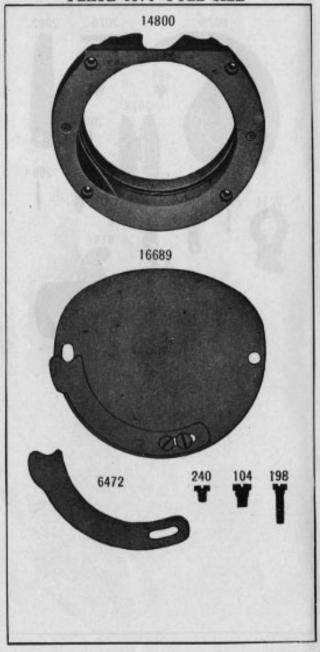
#### PLATE 1872-FULL SIZE



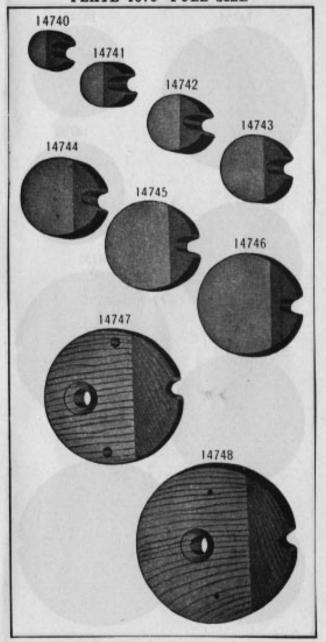
#### PLATE 1873-FULL SIZE



# PLATE 1874-FULL SIZE



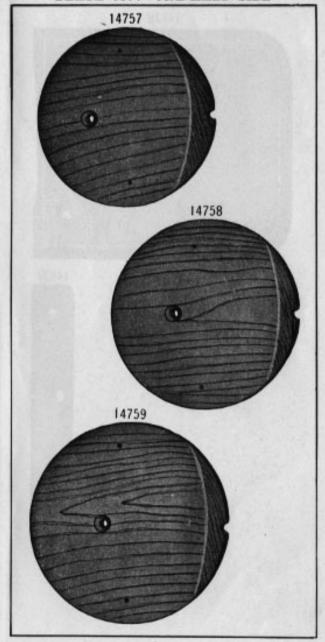
# PLATE 1875-FULL SIZE



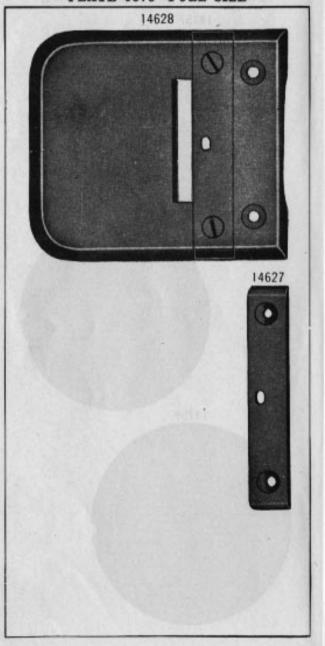
# PLATE 1876-ONE-HALF SIZE

# 

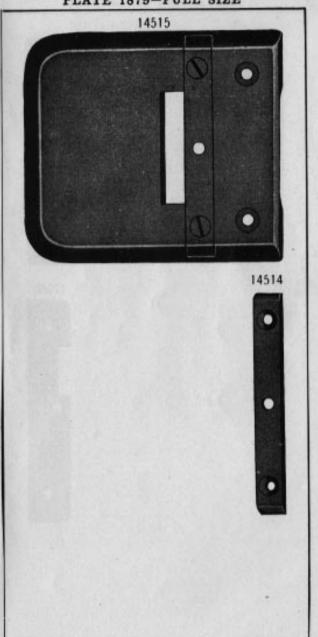
# PLATE 1877-ONE-HALF SIZE



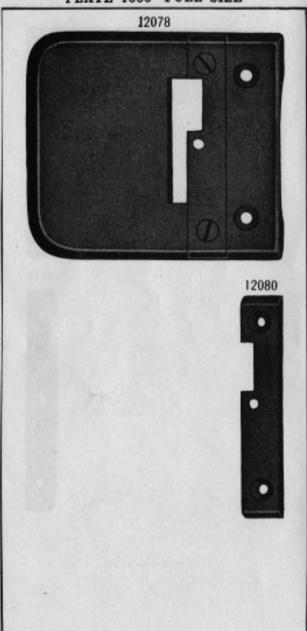
# PLATE 1878-FULL SIZE



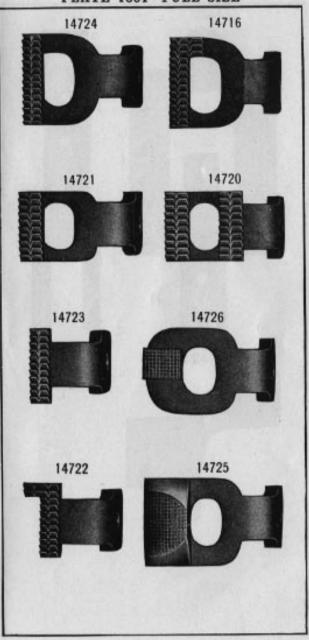
# PLATE 1879-FULL SIZE



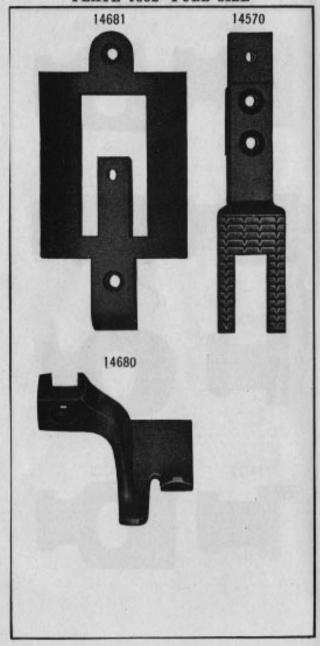
# PLATE 1880-FULL SIZE



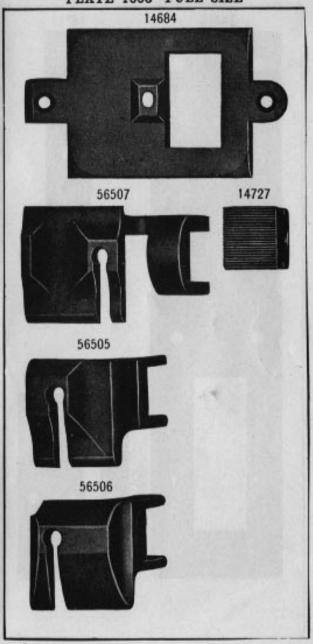
# PLATE 1881-FULL SIZE



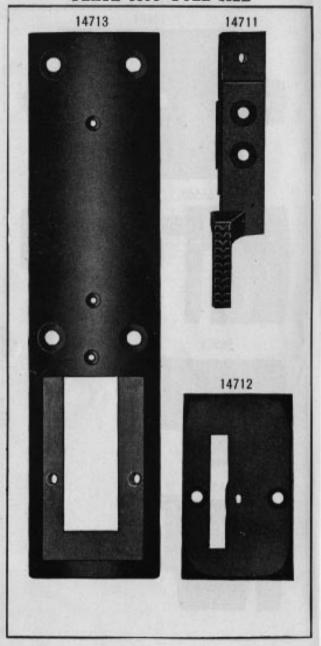
# PLATE 1882-FULL SIZE



# PLATE 1883-FULL SIZE



# PLATE 1884-FULL SIZE



# PLATE 1885-FULL SIZE

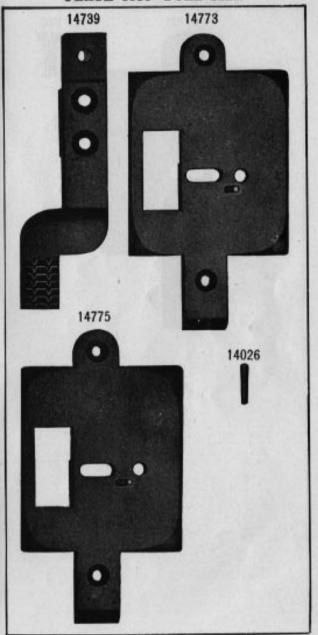


PLATE 1886-FULL SIZE

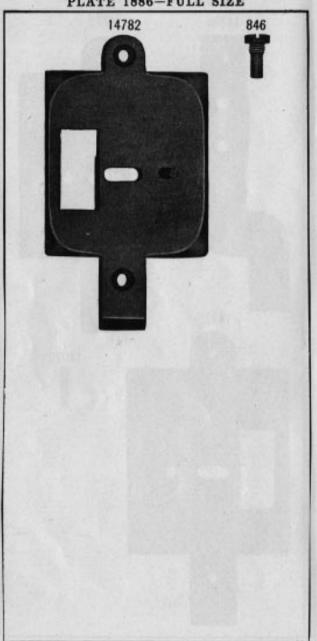


PLATE 1887-FULL SIZE

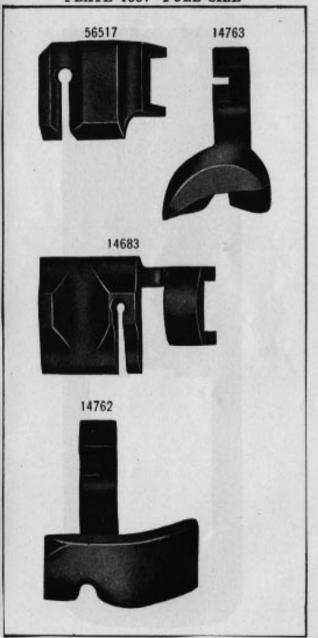


PLATE 1888-FULL SIZE

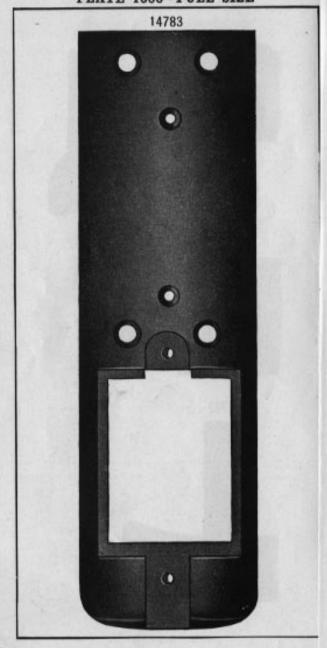


PLATE 1889-FULL SIZE

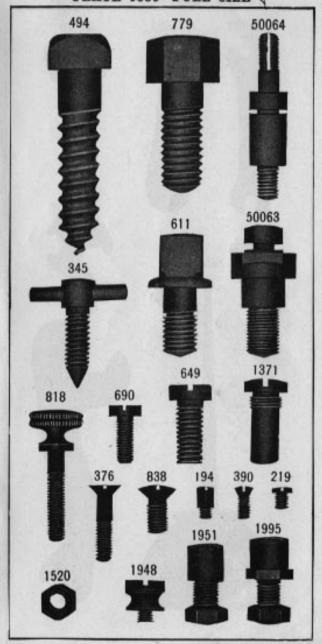


PLATE 1890-ONE-HALF SIZE

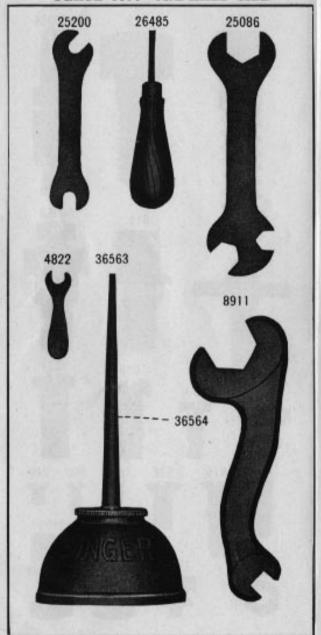
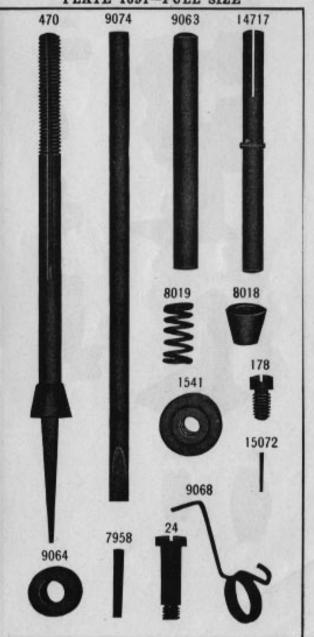


PLATE 1891-FULL SIZE



# PLATE 1892-ONE-HALF SIZE

