BULLETIN NO. 1063
ISSUE 2
JANUARY, 1941

TELETYPE

PRINTING TELEGRAPH SYSTEMS

PARTS

TYPE BAR PAGE PRINTER
(MODEL 20)

TELETYPE
REG. U.S. PAT. OFF.
CORPORATION
SUBSIDIARY OF
Western Electric Company
CHICAGO, U.S.A.

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Printed in U.S.A.

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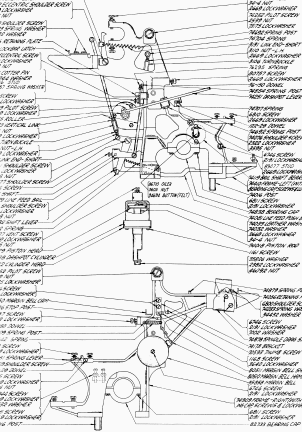
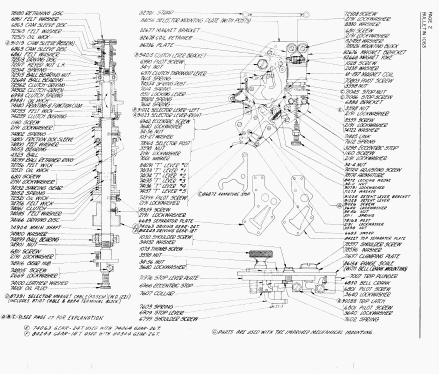
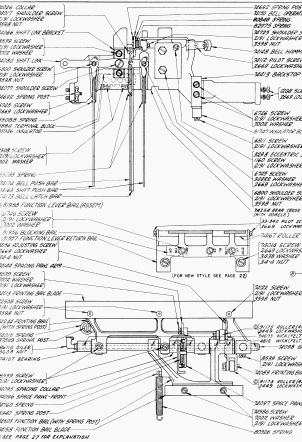

74058 DETENT LEVER
74172 ECCENTRIC SHOULDER SCREW
2669 LOCKWASHER
34-4 NUT
6800 SHOULDER SCREW
74283 SPRING WASHER
34432 WASHER
74056 RETAINING PLATE
74161 LOCKBAR LATCH
74171 ECCENTRIC SCREW
2191 LOCKWASHER
3598 NUT
80516 COTTER PIN
123-244 WASHER
88856 STUD
88857 SPRING WASHER
6811 SCREW
2191 LOCKWASHER
74249 PILOT SCREW
2449 LOCKWASHER
74055 ROLLER
74083 VERTICAL LINK
34-4 NUT
2669 LOCKWASHER
3106 TURNBUCKLE
3110 NUT-L.H.
2669 LOCKWASHER
3131 LINK END-SHORT
74011 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74077 SHOULDER SCREW
6746 SCREW
74111 SHAFT
74078 LINE FEED BAIL
1196 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74082 SHIFT LEVER
74712 SPRING
74027 VENT SCREW
2449 LOCKWASHER
3595 NUT
74029 PISTON HEAD
74028 DASHPOT CYLINDER
74142 CYLINDER HEAD
74252 PILOT SCREW
2539 NUT
73175 LOCKWASHER
6746 SCREW
2191 LOCKWASHER
74050 MARGIN BELL CAM
81006 STOP POST
80757 SCREW
2669 LOCKWASHER
36-150 DOWEL
80509 SPRING POST
82442 SPRING
6810 SCREW
2669 LOCKWASHER
74051 SPRING LEVER
71659 SHOULDER SCREW
122-29 DOWEL
1245 SCREW
2669 LOCKWASHER
34-4 NUT
33-344 SCREW
2669 LOCKWASHER
34432 WASHER
6745 SCREW
2669 LOCKWASHER
74016 POST
86710 OILER
3603 NUT
34694 BUTTON (FELT)
83884 SCREW
34-4 NUT
2669 LOCKWASHER
74252 PILOT SCREW
2539 NUT
73175 LOCKWASHER
74692 SPRING POST
74704 SPRING
3131 LINK END-SHORT
3110 NUT-L.H.
2669 LOCKWASHER
3106 TURNBUCKLE
76295 SPRING
80757 SCREW
2669 LOCKWASHER
36-150 DOWEL
74554 SPRING POST
74251 DASHPOT LEVER
74707 SPRING
6810 SCREW
2669 LOCKWASHER
122-29 DOWEL
74692 SPRING POST
74076 SHOULDER SCREW
2322 LOCKWASHER
3595 NUT
6746 SCREW
2191 LOCKWASHER
89077 STUD
2669 LOCKWASHER
74119 BAIL SHAFT BEARING
74410 FRAME-LEFT (WITH BEARING CAP, SCREWS & LOCKWASHERS)
74016 POST
6811 SCREW
2191 LOCKWASHER
74838 BEARING CAP
74081 LINE FEED PUSH BAR
74033 LEATHER WASHER
74032 WASHER
2669 LOCKWASHER
34-4 NUT
74018 PISTON ROD
1161 SCREW
35826 WASHER
2382 LOCKWASHER
46092 NUT
74879 SPRING POST
74056 RETAINING PLATE
6800 SHOULDER SCREW
74283 SPRING WASHER
34432 WASHER
6746 SCREW
2191 LOCKWASHER
7002 WASHER
74878 SPINDLE DRAG SPRING
74178 BRACKET
70593 THUMB SCREW
1168 SCREW
3640 LOCKWASHER
80511 MARGIN BELL SHAFT
80510 MARGIN BELL HAMMER
35858 MARGIN BELL
6746 SCREW
2191 LOCKWASHER
74909 FRAME-RIGHT (WITH BEARING CAP, SCREWS & LOCKWASHERS)
6811 SCREW
2191 LOCKWASHER
82733 BEARING CAP



ⒶⒷⒸⒹ SEE PAGE 27 FOR EXPLANATION

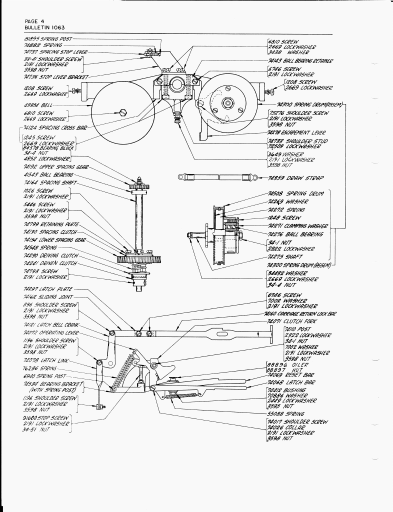
Ⓔ 74063 GEAR-24T. USED WITH 74064 GEAR-26 T.
Ⓕ 84243 GEAR-18 T. USED WITH 84344 GEAR-26T.

Ⓖ PARTS ARE USED WITH THE IMPROVED MECHANICAL MOUNTING



(FOR NEW STYLE SEE PAGE 22)

Ⓐ Ⓑ Ⓒ SEE PAGE 27 FOR EXPLANATION


81895 SPRING POST
74882 SPRING
74737 SPACING STOP LEVER
33-41 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74736 STOP LEVER BRACKET
1208 SCREW
2669 LOCKWASHER
43954 BELL
6810 SCREW
2669 LOCKWASHER
74124 SPACING CROSS BAR
1245 SCREW
2669 LOCKWASHER
84578 BEARING BLOCK
34-4 NUT
4852 LOCKWASHER
74192 UPPER SPACING GEAR
41543 BALL BEARING
74164 SPACING SHAFT
1026 SCREW
2191 LOCKWASHER
5446 SCREW
2191 LOCKWASHER
3598 NUT
74799 RETAINING PLATE
74190 SPACING CLUTCH
74154 LOWER SPACING GEAR
74548 SPRING
74230 DRIVING CLUTCH
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74297 LATCH PLATE
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1196 SHOULDER SCREW
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3598 NUT
74121 LATCH BELL CRANK
74072 OPERATING LEVER
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2191 LOCKWASHER
3598 NUT
74078 LATCH LINK
76296 SPRING
6940 SPRING POST
74534 BEARING BRACKET (WITH SPRING POST)
1196 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
91600 STOP SCREW
2191 LOCKWASHER
34-51 NUT
6810 SCREW
2669 LOCKWASHER
3438 WASHER
74143 BALL BEARING RETAINER
6746 SCREW
2191 LOCKWASHER
1208 SCREW
2669 LOCKWASHER
74300 SPRING DRUM(ASSEM)
73276 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74278 ESCAPEMENT LEVER
74733 SHOULDER STUD
72509 LOCKWASHER
3649 WASHER
2191 LOCKWASHER
3598 NUT
74359 DRAW STRAP
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74269 WASHER
74272 SPRING
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74271 CLAMPING WASHER
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2191 LOCKWASHER
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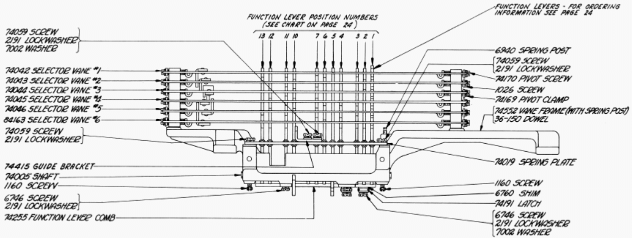
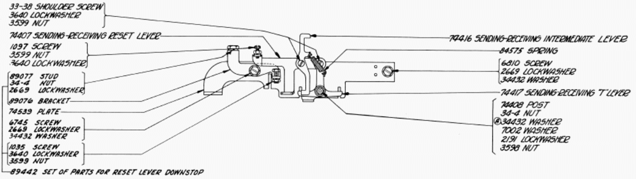
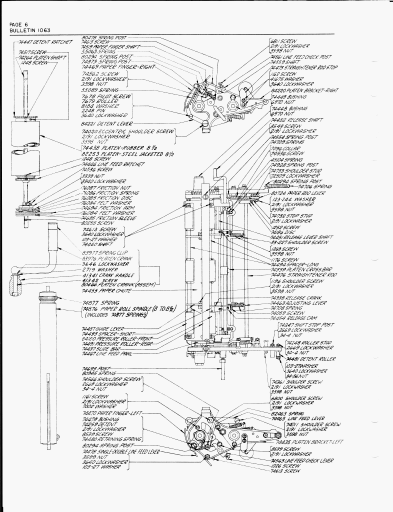
2322 LOCKWASHER
34-1 NUT
7002 WASHER
2191 LOCKWASHER
3598 NUT
88896 OILER
88897 NUT
74069 RESET BAR
74068 LATCH BAR
74412 BUSHING
70886 WASHER
2449 LOCKWASHER
3595 NUT
55088 SPRING
74017 SHOULDER SCREW
74026 COLLAR
2191 LOCKWASHER
3598 NUT





Ⓐ SEE PAGE 27 FOR EXPLANATION


74447 DETENT RATCHET
74517 SCREW
74264 PLATEN SHAFT
1248 SCREW
80478 SPRING POST
74613 SCREW
74519 PAPER FINGER SHAFT
55063 SPRING
80294 SPRING POST
74879 SPRING POST
74469 PAPER FINGER-RIGHT
74562 SCREW
2191 LOCKWASHER
3598 NUT
55089 SPRING
7678 PILOT SCREW
7679 ROLLER
8184 WASHER
2248 PIN
3640 LOCKWASHER
84221 DETENT LEVER
74020 ECCENTRIC SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74438 PLATEN-RUBBER 8 ½
82253 PLATEN-STEEL JACKETED 8½
1248 SCREW
74446 LINE FEED RATCHET
74536 SCREW
3339 NUT
3340 LOCKWASHER
76087 FRICTION NUT
76086 FRICTION SPRING
76085 FRICTION DISC
76084 FELT WASHER
74694 FRICTION ARM
76084 FELT WASHER
74695 FRICTION SLEEVE
80255 SCREW
74613 SCREW
3640 LOCKWASHER
103-27 WASHER
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83977 SPRING CLIP
83976 PLATEN CRANK
3646 LOCKWASHER
2719 WASHER
41341 CRANK HANDLE
41342 SCREW
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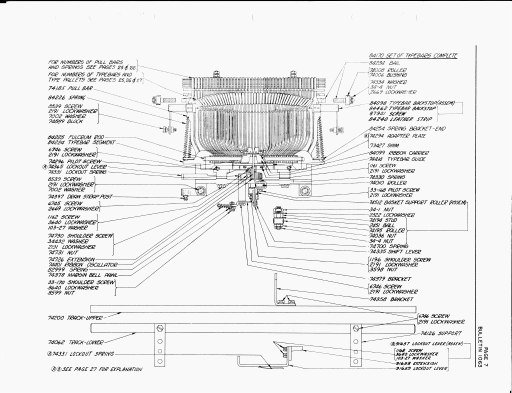
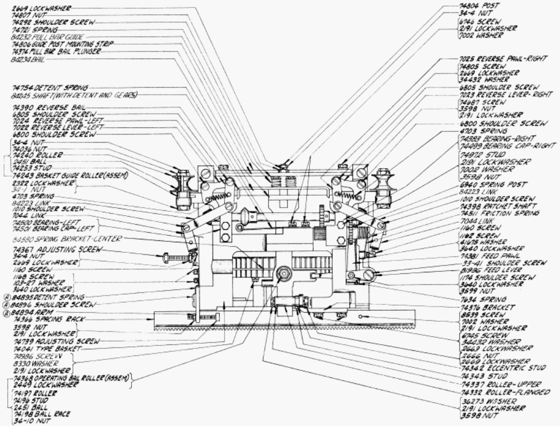
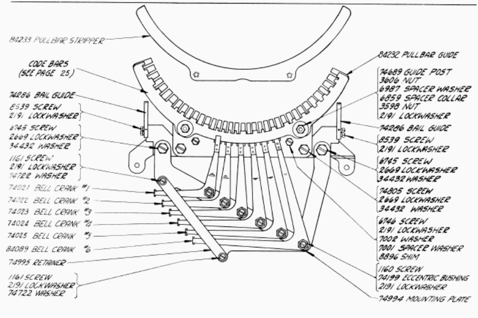
74455 PAPER CHUTE
74877 SPRING
74876 PAPER ROLL SPINDLE (8 TO 8½)
(INCLUDES 74877 SPRINGS)
74457 GUIDE LEVER
74493 SPACER-SHORT
64100 PRESSURE ROLLER-FRONT
74491 PRESSURE ROLLER-REAR
74437 SLIDE BAR
74467 LINE FEED PAWL
74693 POST
80945 SPRING
74566 SHOULDER SCREW
2669 LOCKWASHER
34-4 NUT
1161 SCREW
2191 LOCKWASHER
7002 WASHER
74470 PAPER FINGER-LEFT
74479 BUSHING
74259 DETENT
2191 LOCKWASHER
8539 SCREW
74480 RETAINING SPRING
80294 SPRING POST
74478 SINGLE-DOUBLE LINE FEED LEVER
3599 NUT
3640 LOCKWASHER
103-27 WASHER
6811 SCREW
2191 LOCKWASHER
3598 NUT
74561 LINE FEED CHECK POST
74559 SHAFT
74473 STRAIGHTENER ROD STOP
1162 SCREW
41675 WASHER
3640 LOCKWASHER
84220 PLATEN BRACKET-RIGHT
74449 BUSHING
6970 NUT
74448 BUSHING
6970 NUT
74452 RELEASE SHAFT
8543 SCREW
2191 LOCKWASHER
74554 SPRING POST
74709 SPRING
7036 COLLAR
74536 SCREW
45104 SPRING
74928 SPRING POST
74733 SHOULDER STUD
72509 LOCKWASHER
80294 SPRING POST
74706 SPRING
80724 PAPER ROD LEVER
123-244 WASHER
2191 LOCKWASHER
3598 NUT
74732 STOP STUD
2191 LOCKWASHER
1252 SCREW
74186 DISC
74451 RELEASE LEVER SHAFT
33-227 SHOULDER SCREW
1269 SCREW
3598 NUT
1176 SCREW
74494 SPACER-LONG
74339 PLATEN CROSS BAR
74476 STRAIGHTENER ROD
1196 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74338 RELEASE CRANK
74463 ADJUSTING LEVER
74708 SPRING
74059 SCREW
74454 RELEASE CAM
74247 SHIFT STOP POST
2669 LOCKWASHER
34-4 NUT
74248 ROLLER STUD
2669 LOCKWASHER
34-4 NUT
74481 DETENT ROLLER
103-27 WASHER
3640 LOCKWASHER
34-56 NUT
74361 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
6800 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
82463 SPRING
74465 LINE FEED LEVER
74011 SHOULDER SCREW
2191 LOCKWASHER
3598 NUT
74435 PLATEN BRACKET-LEFT
8539 SCREW
2191 LOCKWASHER
74563 LINE FEED CHECK LEVER
1026 SCREW
74613 SCREW

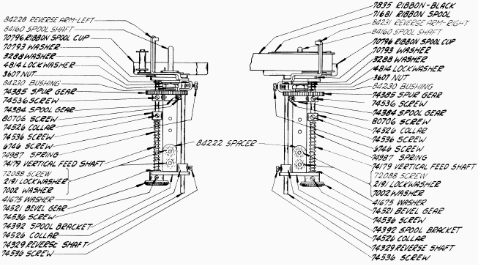


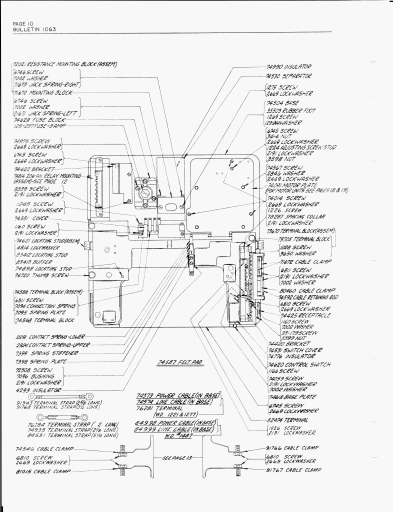
ⒶⒷ SEE PAGE 27 FOR EXPLANATION

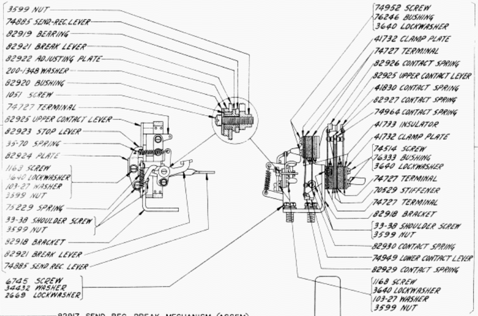


Ⓐ SEE PAGE 27 FOR EXPLANATION

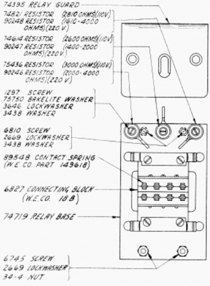

84233 PULLBAR STRIPPER
CODE BARS (SEE PAGE 25)
74286 BAIL GUIDE
8539 SCREW
2191 LOCKWASHER
6745 SCREW
2669 LOCKWASHER
34432 WASHER
1161 SCREW
2191 LOCKWASHER
74722 WASHER
74021 BELL CRANK #1
74022 BELL CRANK #2
74023 BELL CRANK #3
74024 BELL CRANK #4
74025 BELL CRANK #5
84089 BELL CRANK #6
74995 RETAINER
1161 SCREW
2191 LOCKWASHER
74722 WASHER
84232 PULLBAR GUIDE
74689 GUIDE POST
3606 NUT
6987 SPACER WASHER
6859 SPACER COLLAR
3598 NUT
2191 LOCKWASHER
74286 BAIL GUIDE
8539 SCREW
2191 LOCKWASHER
6745 SCREW
2669 LOCKWASHER
34432 WASHER
74805 SCREW
2669 LOCKWASHER
34432 WASHER
6746 SCREW
2191 LOCKWASHER
7002 WASHER
7001 SPACER WASHER
8896 SHIM
1160 SCREW
74199 ECCENTRIC BUSHING
2191 LOCKWASHER
74994 MOUNTING PLATE


84228 REVERSE ARM-LEFT
84160 SPOOL SHAFT
70796 RIBBON SPOOL CUP
70793 WASHER
3288 WASHER
4814 LOCKWASHER
3607 NUT
84230 BUSHING
74385 SPUR GEAR
74536 SCREW
74384 SPOOL GEAR
80706 SCREW
74526 COLLAR
74536 SCREW
6746 SCREW
74987 SPRING
74179 VERTICAL FEED SHAFT
72088 SCREW
2191 LOCKWASHER
7002 WASHER
41675 WASHER
74521 BEVEL GEAR
74536 SCREW
74392 SPOOL BRACKET
74526 COLLAR
74329 REVERSE SHAFT
74536 SCREW
84222 SPACER
7835 RIBBON-BLACK
71681 RIBBON SPOOL
84231 REVERSE ARM-RIGHT
84160 SPOOL SHAFT
70796 RIBBON SPOOL CUP
70793 WASHER
3288 WASHER
4814 LOCKWASHER
3607 NUT
84230 BUSHING
74385 SPUR GEAR
74536 SCREW
74384 SPOOL GEAR
80706 SCREW
74526 COLLAR
74536 SCREW
6746 SCREW
74987 SPRING
74179 VERTICAL FEED SHAFT
72088 SCREW
2191 LOCKWASHER
7002 WASHER
41675 WASHER
74521 BEVEL GEAR
74536 SCREW
74392 SPOOL BRACKET
74526 COLLAR
74329 REVERSE SHAFT
74536 SCREW

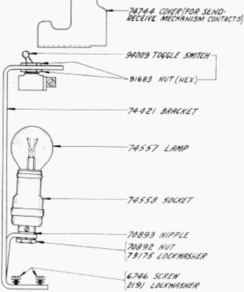

72021 RESISTANCE MOUNTING BLOCK (ASSEM)
6746 SCREW
7002 WASHER
71675 JACK SPRING-RIGHT
71670 MOUNTING BLOCK
6746 SCREW
7002 WASHER
71671 JACK SPRING-LEFT
74628 FUSE BLOCK
125-237 FUSE-3 AMP
74975 SCREW
2669 LOCKWASHER
6745 SCREW
2669 LOCKWASHER
74422 BRACKET
74814 206-AH RELAY MOUNTING (ASSEM)-SEE PAGE 12
8539 SCREW
2191 LOCKWASHER
1245 SCREW
2669 LOCKWASHER
74551 COVER
1160 SCREW
2191 LOCKWASHER
74621 LOCATING STUD (ASSEM)
4814 LOCKWASHER
83412 LOCATING STUD
83413 BUFFER
74898 LOCATING STUD
74720 THUMB SCREW
74588 TERMINAL BLOCK (ASSEM)
6811 SCREW
7094 CONNECTION SPRING
7095 SPRING PLATE
74568 TERMINAL BLOCK
2291 CONTACT SPRING-LOWER
2924 CONTACT SPRING-UPPER
7399 SPRING STIFFENER
7398 SPRING PLATE
72508 SCREW
7096 BUSHING
2191 LOCKWASHER
4293 INSULATOR
91943 TERMINAL STRAP (2⅝ LONG)
91768 TERMINAL STRAP (3½ LONG)
76284 TERMINAL STRAP (2 LONG)
74935 TERMINAL STRAP (2⅛ LONG)
84551 TERMINAL STRAP (5¼ LONG)
74546 CABLE CLAMP
6810 SCREW
2669 LOCKWASHER
81015 CABLE CLAMP
74587 FELT PAD
74573 POWER CABLE (IN BASE)
74574 LINE CABLE (IN BASE)
76281 TERMINAL
(W.D. 1221 & 1277)
84998 POWER CABLE (IN BASE)
84999 LINE CABLE (IN BASE)
W.D. #1487
SEE PAGE 13
74990 INSULATOR
74530 SEPARATOR
1275 SCREW
2669 LOCKWASHER
74504 BASE
35503 RUBBER FOOT
1269 SCREW
123-244 WASHER
6745 SCREW
34-4 NUT
2669 LOCKWASHER
1224 ADJUSTING SCREW STUD
2191 LOCKWASHER
3598 NUT
74567 SCREW
2846 WASHER
2449 LOCKWASHER
74091 MOTOR PLATE
(FOR MOTOR UNITS SEE PAGES 18 & 19)
74014 SCREW
2669 LOCKWASHER
1226 SCREW
78287 SPACING COLLAR
2191 LOCKWASHER
73670 TERMINAL BLOCK (ASSEM)
73705 TERMINAL BLOCK
1028 SCREW
3650 WASHER
71672 CABLE CLAMP
6811 SCREW
2191 LOCKWASHER
7002 WASHER
80460 CABLE CLAMP
74592 CABLE RETAINING ROD
6810 SCREW
2669 LOCKWASHER
74425 RECEPTACLE
1160 SCREW
7002 WASHER
33-179 SCREW
5599 NUT
74420 BRACKET
74531 SWITCH COVER
74776 INSULATOR
74620 CONTROL SWITCH
1166 SCREW
74059 SCREW
2191 LOCKWASHER
7002 WASHER
74618 BASE PLATE
6745 SCREW
2669 LOCKWASHER
82474 TERMINAL
1026 SCREW
2191 LOCKWASHER
91766 CABLE CLAMP
6810 SCREW
2669 LOCKWASHER
91767 CABLE CLAMP

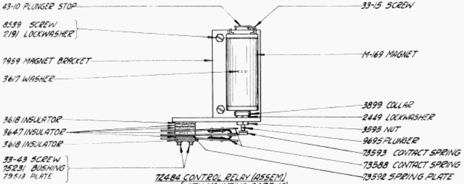


82917 SEND-REC.-BREAK MECHANISM (ASSEM)

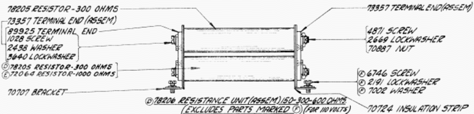


74575 RELAY CABLE
W.D. 1221 & 1277

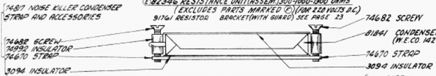


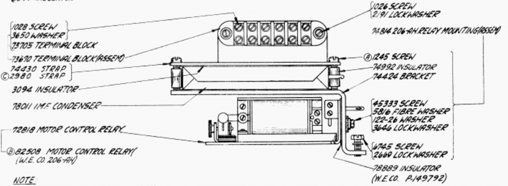


72484 CONTROL RELAY (ASSEM)
(WITH MOUNTING SCREWS)

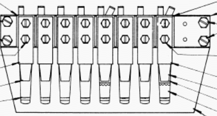


Ⓓ78206 RESISTANCE UNIT (ASSEM.) 150-300-600 OHMS
(EXCLUDES PARTS MARKED Ⓕ) (FOR 110 VOLTS)
Ⓔ82346 RESISTANCE UNIT (ASSEM.) 300-1000-1300 OHMS
(EXCLUDES PARTS MARKED Ⓕ) (FOR 220 VOLTS D.C.)

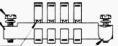


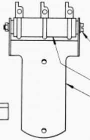


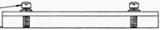
NOTE:
ⒶⒷⒸ SEE PAGE 27 FOR EXPLANATION.

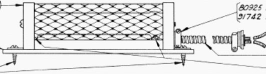


74053 SLIP CONNECTION MOUNTING PLATE (ASSEM)
(EXCLUDES PARTS MARKED Ⓓ)



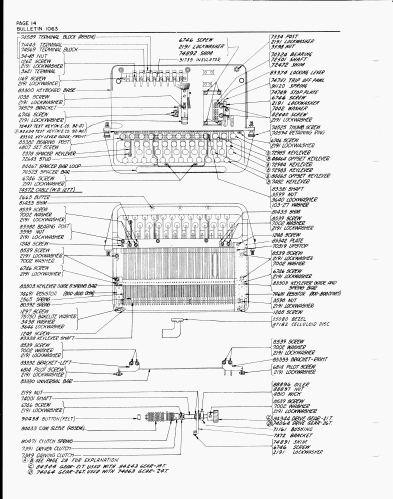




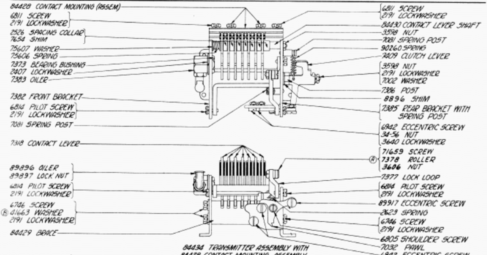


80913 RESISTANCE UNIT (ASSEM.) - 25 OHMS.

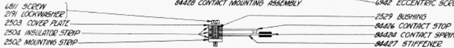
74853 POWER CORD (ASSEMBLY)-20 LONG
72999 POWER CORD (ASSEMBLY)-30 LONG
72426 POWER CORD (ASSEMBLY) (W.D. #1487)



Ⓐ Ⓑ SEE PAGE 28 FOR EXPLANATION
Ⓒ 84344 GEAR-21T. USED WITH 84243 GEAR-18T.
Ⓓ 74064 GEAR-26T. USED WITH 74063 GEAR-24T.

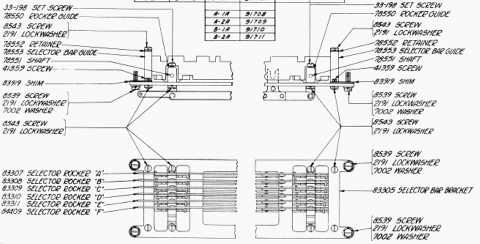


84434 TRANSMITTER ASSEMBLY WITH 84428 CONTACT MOUNTING ASSEMBLY

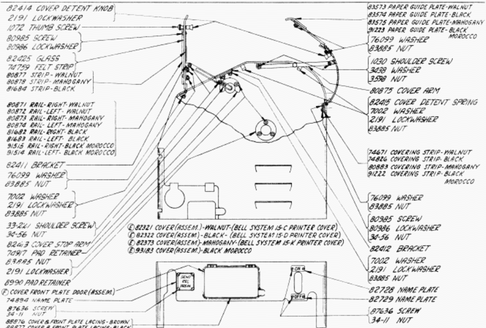


84428 CONTACT MOUNTING ASSEMBLY

SELECTOR BARS					
NO. STAMPED ON BAR	CATALOG NO.	NO. STAMPED ON BAR	CATALOG NO.	NO. STAMPED ON BAR	CATALOG NO.
A-1	84410	D-1	84416	C-1A	91712
A-2	84411	D-2	84417	C-2A	91713
B-1	84412	E-1	84418	E-1A	91714
B-2	84413	E-2	84419	E-2A	91715
C-1	84414	F-1	84420		
C-2	84415	F-2	84421		
		A-1A	91708		
		A-2A	91709		
		B-1A	91710		
		B-2A	91711		



ⒶⒷSEE PAGE 28 FOR EXPLANATION



Ⓔ 82321 COVER (ASSEM.)-WALNUT-(BELL SYSTEM 15-C PRINTER COVER)
Ⓔ 82322 COVER (ASSEM.)-BLACK-(BELL SYSTEM 15-D PRINTER COVER)
Ⓔ 82373 COVER (ASSEM.)-MAHOGANY-(BELL SYSTEM 15-K PRINTER COVER)
Ⓔ 93183 COVER (ASSEM.)-BLACK MOROCCO

WITH 5 MOUNTING SCREWS
Ⓐ 82379 COVER FRONT PLATE (ASSEM.)-WALNUT
Ⓐ 82380 COVER FRONT PLATE (ASSEM.)-BLACK
Ⓐ 82381 COVER FRONT PLATE (ASSEM.)-MAHOGANY

WITH 7 MOUNTING SCREWS
Ⓐ 87955 COVER FRONT PLATE (ASSEM.)-WALNUT-(BELL SYSTEM 15-C COVER PLATE)
Ⓐ 87957 COVER FRONT PLATE (ASSEM.)-BLACK-(BELL SYSTEM 15-D COVER PLATE)
Ⓐ 87959 COVER FRONT PLATE (ASSEM.)-MAHOGANY-(BELL SYSTEM 15-L COVER PLATE)
Ⓐ 91750 COVER FRONT PLATE (ASSEM.)-BLACK MOROCCO

WITH 5 MOUNTING SCREWS
Ⓑ 82382 COVER FRONT PLATE (ASSEM.)-WALNUT
Ⓑ 82383 COVER FRONT PLATE (ASSEM.)-BLACK
Ⓑ 82384 COVER FRONT PLATE (ASSEM.)-MAHOGANY

WITH 7 MOUNTING SCREWS
Ⓑ 87961 COVER FRONT PLATE (ASSEM.)-WALNUT-(BELL SYSTEM 15-E COVER PLATE)
Ⓑ 87963 COVER FRONT PLATE (ASSEM.)-BLACK-(BELL SYSTEM 15-F COVER PLATE)
Ⓑ 87965 COVER FRONT PLATE (ASSEM.)-MAHOGANY-(BELL SYSTEM 15-M COVER PLATE)
Ⓑ 91293 COVER FRONT PLATE (ASSEM.)-BLACK MOROCCO

WITH 5 MOUNTING SCREWS
Ⓒ 82385 COVER FRONT PLATE (ASSEM.)-WALNUT
Ⓒ 82386 COVER FRONT PLATE (ASSEM.)-BLACK
Ⓒ 82387 COVER FRONT PLATE (ASSEM.)-MAHOGANY

WITH 7 MOUNTING SCREWS
Ⓒ 87967 COVER FRONT PLATE (ASSEM.)-WALNUT-(BELL SYSTEM 15-G COVER PLATE)
Ⓒ 87969 COVER FRONT PLATE (ASSEM.)-BLACK-(BELL SYSTEM 15-H COVER PLATE)
Ⓒ 87971 COVER FRONT PLATE (ASSEM.)-MAHOGANY-(BELL SYSTEM 15-N COVER PLATE)
Ⓒ 93174 COVER FRONT PLATE (ASSEM.)-BLACK MOROCCO

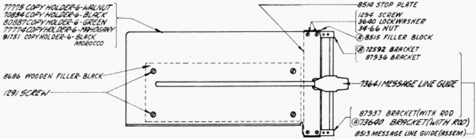
FOR INTERNAL LINE & POWER CORDS
Ⓓ 82388 COVER DOOR (ASSEM.)-WALNUT
Ⓓ 82389 COVER DOOR (ASSEM.)-BLACK
Ⓓ 82390 COVER DOOR (ASSEM.)-MAHOGANY
Ⓓ 93170 COVER DOOR (ASSEM.)-BLACK MOROCCO


DOOR FOR RIGHT SIDE OF COVER

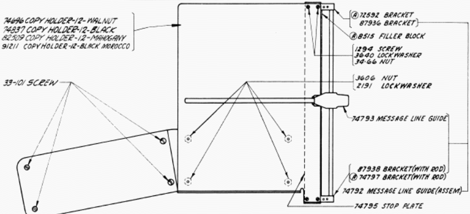
FOR EXTERNAL LINE & POWER CORDS
Ⓓ 82747 COVER DOOR (ASSEM.)-WALNUT
Ⓓ 82748 COVER DOOR (ASSEM.)-BLACK
Ⓓ 82749 COVER DOOR (ASSEM.)-MAHOGANY
Ⓓ 93172 COVER DOOR (ASSEM.)-BLACK MOROCCO

NOTE:-
ⒶⒷⒸⒹⒺⒻ SEE PAGE 28 FOR EXPLANATION

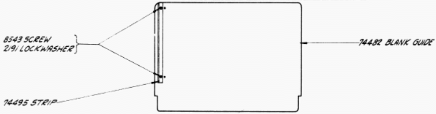
NOTE
FOR INFORMATION ON SPRINGS, HINGES AND SCREWS SEE PAGES 28 & 29



74832 COPY HOLDER-6-(ASSEM) WITH ACCESSORIES-WALNUT-(BELL SYSTEM 14-A COPY HOLDER)
74833 COPY HOLDER-6-(ASSEM) WITH ACCESSORIES-BLACK-(BELL SYSTEM 14-B COPY HOLDER)
80888 COPY HOLDER-6-(ASSEM) WITH ACCESSORIES-GREEN
81881 COPY HOLDER-6-(ASSEM) WITH ACCESSORIES-MAHOGANY (BELL SYSTEM 14-E COPY HOLDER)
91752 COPYHOLDER-6-(ASSEM.) WITH ACCESSORIES-BLACK MOROCCO

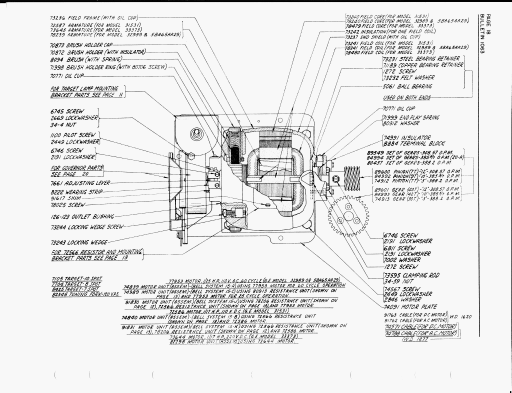


74794 COPY HOLDER-12-(ASSEM) WITH ACCESSORIES-WALNUT-(BELL SYSTEM 15-A COPY HOLD
74831 COPY HOLDER-12-(ASSEM.) WITH ACCESSORIES-BLACK-(BELL SYSTEM 15-B COPY HOLDE
82510 COPY HOLDER-12-(ASSEM.) WITH ACCESSORIES-MAHOGANY-(BELL SYSTEM 15-C COPY HOLDER)
91210 COPY HOLDER-12-(ASSEM.) WITH ACCESSORIES-BLACK MOROCCO



74624 BLANK GUIDE (ASSEM.)

Ⓐ SEE PAGE 28 FOR EXPLANATION



7105 TARGET-10 SPOT
7704 TARGET-8 SPOT
8425 TARGET-7 SPOT
82345 TUNING FORK-120 V.P.S.

77953 MOTOR, 1/25 H.P., 110 V. A.C., 60 CYCLE (G.E. MODEL 32989 OR 5BA65AA29)

74839 MOTOR UNIT (ASSEM.)-(BELL SYSTEM 15-A) USING 77953 MOTOR FOR 60 CYCLE OPERATION

74989 MOTOR UNIT (ASSEM.)-(BELL SYSTEM 15-C) USING 80913 RESISTANCE UNIT (SHOWN ON PAGE 13) AND 77953 MOTOR FOR 25 CYCLE OPERATION.

91830 MOTOR UNIT (ASSEM.)(BELL SYSTEM 15-J) USING 78206 RESISTANCE UNIT (SHOWN ON PAGE 12), 72566 RESISTANCE UNIT (SHOWN ON PAGE 13), AND 77953 MOTOR.

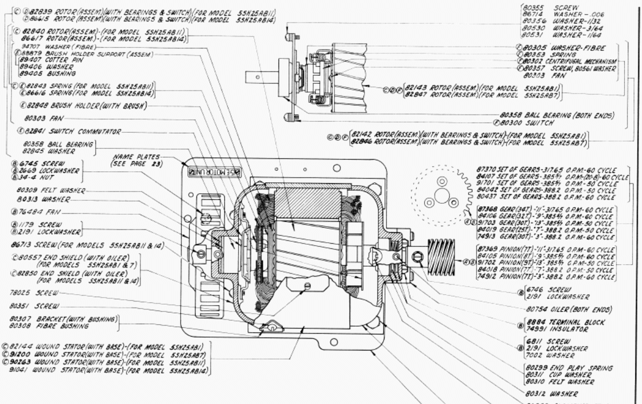
72586 MOTOR, 1/17 H.P., 110 V. D.C. (G.E. MODEL 31531)

74840 MOTOR UNIT (ASSEM.)-(BELL SYSTEM 15-B) USING 72566 RESISTANCE UNIT (SHOWN ON PAGE 13) AND 72586 MOTOR.

91831 MOTOR UNIT (ASSEM.)(BELL SYSTEM 15-K) USING 72566 RESISTANCE UNIT (SHOWN ON PAGE 13), 78206 RESISTANCE UNIT (SHOWN ON PAGE 12) AND 72586 MOTOR.

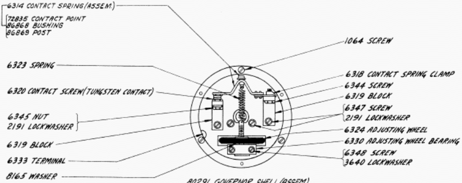
73644 MOTOR, 1/17 H.P., 220 V. D.C. (G.E. MODEL 33373)

82298 MOTOR UNIT (ASSEM.) USING 73644 MOTOR.

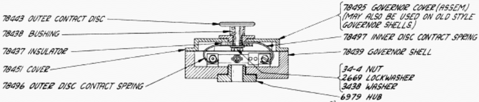


82283 SYNCHRONOUS MOTOR 1/40 H.P., 110 V., 60 CYCLE, A.C. (G.E. MODEL 5SH25AB11)(EXCLUDES PARTS MARKED Ⓑ)
80439 SYNCHRONOUS MOTOR UNIT (ASSEM.)(BELL SYSTEM 15-D)(EXCLUDES PARTS MARKED Ⓐ)
82714 SYNCHRONOUS MOTOR 1/40 H.P., 110 V., 50 CYCLE, A.C. (G.E. MODEL 5SH25AB14)(EXCLUDES PARTS MARKED Ⓑ)
84901 SYNCHRONOUS MOTOR UNIT (ASSEM.)(BELL SYSTEM 15-E)(EXCLUDES PARTS MARKED Ⓐ)

ⒸⒹⒺⒻ SEE PAGE 29 FOR EXPLANATION

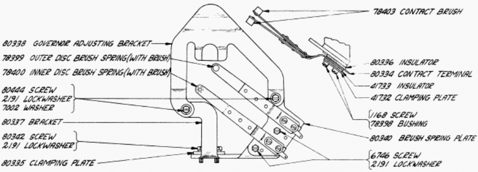


80291 GOVERNOR SHELL (ASSEM)
(WITHOUT HUB)

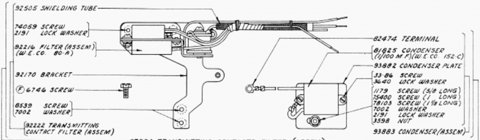


80352 CENTER CONTACT GOVERNOR ASSEMBLY (WITH HUB FOR ⅜ MOTOR SHAFT)
GOVERNOR ASSEMBLY DOES NOT INCLUDE 80341 GOVERNOR BRUSH & SPEED ADJUSTING BRACKET (ASSEM)

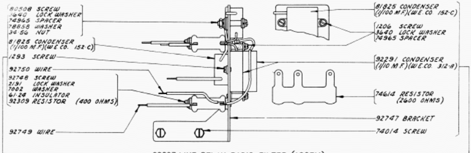
6811 GOVERNOR MOUNTING SCREW
2191 LOCKWASHER



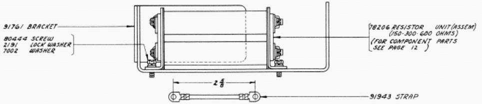
80341 GOVERNOR BRUSH AND SPEED ADJUSTING BRACKET (ASSEM.)



93884 TRANSMITTING CONTACTS FILTER (ASSEM.)



92227 LINE RELAY RADIO FILTER (ASSEM.)



NAME PLATE	NUMBER	NAME PLATE	NUMBER	NAME PLATE	NUMBER
15-A MOTOR UNIT	83402 Ⓐ	15-A TELETYPEWRITER BASE	81735 Ⓐ	BELL SYSTEM SERVICE	89946 Ⓒ
15-B MOTOR UNIT	83403 Ⓐ				
15-C MOTOR UNIT	83404 Ⓐ	TELETYPE (COVER)	78281 Ⓑ	BELL SYSTEM (COVER)	87693 Ⓓ
15-D MOTOR UNIT	83405 Ⓐ	TELETYPE (OTHER LOCATIONS)	78281 Ⓔ		
15-E MOTOR UNIT	84169 Ⓐ				
15-J MOTOR UNIT	91758 Ⓐ				
15-K MOTOR UNIT	91759 Ⓐ				
				UNDERWRITERS	82168 Ⓔ
				BELL SYSTEM SERVICE	77310 Ⓔ
				U.S. PATENT (KEYBOARD)	87694 Ⓔ
				U.S. PATENT (PRINTER)	74896 Ⓔ

Ⓐ USES 83408 SCREW

Ⓑ USES 87636 SCREW
34-11 NUT

Ⓒ USES 91685 SCREW

Ⓓ USES 78474 SCREW
34-11 NUT

Ⓔ USES 75646 DRIVE SCREW

Ⓕ SEE PAGE 29 FOR EXPLANATION

93839 FUNCTION LEVER BRACKET (ASSEM)
(FOR OLD STYLE SEE PAGE 3)

FUNCTION LEVERS

CATALOG NUMBER	POSITION USED	FUNCTION PERFORMED	SPRING	(A) CODE SELECTION	OLD STAMPING	NEW STAMPING
74040	1	LOCKS VANES	74962	ALL COMBINATIONS	1	1
84158	2	BLOCKS SPACING - RETURNS TYPE BASKET	74961	4	2	2A
84162	3	BLOCKS SPACING - SHIFTS PLATEN TO U.C. POSITION	74962	1245	3	3B
84213	3	BLOCKS SPACING - SHIFTS PLATEN TO U.C. POSITION	74962	0124	4	3 OR 4
84213	4	BLOCKS SPACING - RINGS BELL	74961	0124	4	3 OR 4
84219	4	BLOCKS SPACING ON BOTH COMBINATIONS	87402	0145-01245	4,5 OR 7	4,5 OR 7
89550	4	BLOCKS SPACING - RINGS BELL	74961	01235	4	4C
87576	5	BLOCKS SPACING ON BOTH COMBINATIONS	87402	013-0134	5	5
84219	5	BLOCKS SPACING ON BOTH COMBINATIONS	87402	0145-01245	4,5 OR 7	4,5 OR 7
74109	5	RESETS SEND-RECEIVE-BREAK MECHANISM	86873	ANY PRINTED CHARACTER	5 U	5A
84218	6	BLOCKS SPACING ON BOTH COMBINATIONS	87402	01234-012345	6	6
87575	6	BLOCKS SPACING ON BOTH COMBINATIONS	87402	02345-012345	6	6C
84219	7	BLOCKS SPACING ON BOTH COMBINATIONS	87402	0145-01245	4,5 OR 7	4,5 OR 7
84988	7	BLOCKS SPACING ON BOTH COMBINATIONS	87402	1245-12345	7	7
87572	7	BLOCKS SPACING ON BOTH COMBINATIONS	87402	0124-01234	7	7C
84216	10	OPERATES SEND-RECEIVE CONTACT MECHANISM	74705	ALL SPACING	10	10 A
84215	11	BLOCKS SPACING-SHIFTS PLATEN TO LOWER CARRIAGE POSITION	74962	12345	11	11 B
87574	11	BLOCKS SPACING-SHIFTS PLATEN TO LOWER CARRIAGE POSITION	74962	01234	11	11 C
74127	12	BLOCKS SPACING - LINE FEEDS PAPER	74962	2-02	12	12
84217	13	BLOCKS SPACING	87402	ALL SPACING	13	13 A

(A) FIGURES INDICATE MARKING IMPULSES

CODE BARS	
NUMBER STAMPED ON CODE BAR	CATALOG NUMBER
1	84092
2	84093
2A	91716
3	84094
3A	91717
4	84095
4A	91718
5	84096
5A	91719
6	84097

NOTE
CHECK CAREFULLY THE POSITION OF PULL BARS IN SEGMENT AND THE ARRANGEMENT OF THE TYPE PALLETS ON THE TYPE BARS. IF THESE DIFFER IN ANY WAY WITH THE ARRANGEMENT SHOWN ON THIS PAGE, THE PARTS SHOULD BE ORDERED BY NAME.
FOR EXAMPLE ORDER -
TYPE PALLET..................(8 –)
TYPE BAR 37 WITH PALLET....(8 –)
CELLULOID KEYTOP,
SPRING CUSHION KEYTOP OR
PAPER KEYTOP...............(8 –)

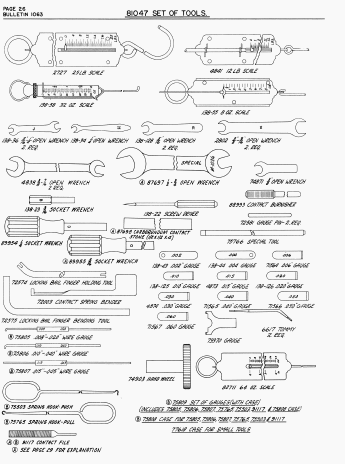
NUMBER OF POSITION IN SEGMENT	PULL AND FUNCTION BARS		TYPE BARS WITHOUT PALLETS		TYPE BAR PALLETS		TYPE BARS WITH PALLETS		PULL AND FUNCTION BAR SPRINGS	CELLULOID KEYTOPS CATALOG NUMBER		SPRING CUSHION KEYTOPS CATALOG NUMBER		KEYTOP DESCRIPTION
	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	NUMBER STAMPED ON BAR	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	NUMBER STAMPED ON BAR						
1	74185	STANDARD	84171	1	84255	0 A	84297	1	84226	84489		85844		0 H
1	74185	"	84171	1	87869	0 ?	87886	1	84226	87885				0 ?
2	74185	"	84172	2	84256	, '	84298	2	84226	84513		85878		, '
3	74185	"	84173	3	84257	1 Æ	84299	3	84226	84480		85835		1 Æ
3	74185	"	84173	3	87870	1 ⅛	87887	3	84226	87877				1 ⅛
4	74185	"	84174	4	84258	2 +	84300	4	84226	84481		87456		2 +
4	74185	"	84174	4	87871	2 ¼	87888	4	84226	87878				2 ¼
5	74185	"	84175	5	84259	3 ?	84301	5	84226	84482		85837		3 ?
5	74185	"	84175	5	87872	3 ⅜	87889	5	84226	87879				3 ⅜
6	74185	"	84176	6	84260	4 *	84302	6	84226	84483		85838		4 *
6	74185	"	84176	6	87873	4 ½	87890	6	84226	87880				4 ½
7	74185	"	84177	7	84261	5 H	84303	7	84226	84484		85839		5 H
7	74185	"	84177	7	87562	5 ⅝	87582	7	84226	87881				5 ⅝
8	74185	"	84178	8	84262	. .	84304	8	84226	84586		78979		. .
9	74185	"	84179	9	84263	z Z	84305	9	84226	84515		85880		Z
10	74185	"	84180	10	84264	k K	84306	10	84226	84511		85871		K
11	74185	"	84181	11	84265	b B	84307	11	84226	84519		85884		B
12	74185	"	84182	12	84266	p P	84308	12	84226	84502		85859		P
13	74185	"	84183	13	84267	y Y	84309	13	84226	84498		85855		Y
14	74185	"	84184	14	84268	m M	84310	14	84226	84521		85886		M
15	74185	"	84185	15	84269	u U	84311	15	84226	84499		85856		U
16	74185	"	84186	16	84270	l L	84312	16	84226	84512		85872		L
17	74185	"	84187	17	84271	h H	84313	17	84226	84509		85869		H
18	74185	"	84188	18	84272	o O	84314	18	84226	84501		85858		O
19	74185	"	84189	19	84273	i I	84315	19	84226	84500		85857		I
20	74185	"	84190	20	84274	n N	84316	20	84226	84520		85885		N
21	74185	"	84191	21	84275	e E	84317	21	84226	84495		85852		E
22	74185	"	84192	22	84276	t T	84318	22	84226	84497		85854		T
23	74185	"	84193	23	84277	a A	84319	23	84226	84504		85864		A
24	74185	"	84194	24	84278	j J	84320	24	84226	84510		85870		J
25	74185	"	84195	25	84279	r R	84321	25	84226	84496		85853		R
26	74185	"	84196	26	84280	d D	84322	26	84226	84506		85866		D
27	74185	"	84197	27	84281	c C	84323	27	84226	84517		85882		C
28	74185	"	84198	28	84282	f F	84324	28	84226	84507		85867		F
29	74185	"	84199	29	84283	w W	84325	29	84226	84494		85851		W

NUMBER OF POSITION IN SEGMENT	PULL AND FUNCTION BARS		TYPE BARS WITHOUT PALLETS		TYPE BAR PALLETS		TYPE BARS WITH PALLETS		PULL AND FUNCTION BAR SPRINGS	CELLULOID KEYTOPS CATALOG NUMBER		SPRING CUSHION KEYTOPS CATALOG NUMBER		KEYTOP DESCRIPTION
	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	NUMBER STAMPED ON BAR	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	NUMBER STAMPED ON BAR						
30	74185	STANDARD	84200	30	84284	g G	84326	30	84226	84508		85868		G
31	74185	"	84201	31	84285	v V	84327	31	84226	84518		85883		V
32	74185	"	84202	32	84286	q Q	84328	32	84226	84493		85850		Q
33	74185	"	84203	33	84287	x X	84329	33	84226	84516		85881		X
34	74185	"	84204	34	84288	s S	84330	34	84226	84505		85865		S
35	74185	"	84205	35	84289	6 ½	84331	35	84226	84485		85840		6 ½
35	74185	"	84205	35	87874	6 ¾	87891	35	84226	87882				6 ¾
36	74185	"	84206	36	84290	7 &	84332	36	84226	84486		85841		7 &
36	74185	"	84206	36	87875	7 ⅞	87892	36	84226	87883				7 ⅞
37	74185	"	84207	37	84291	8 –	84333	37	84226	84487		85842		8 –
38	74185	"	84208	38	84292	9 (	84334	38	84226	84488		85843		9 (
38	74185	"	84208	38	87876	9 &	87893	38	84226	87884				9 &
39	74185	"	84209	39	84293	; :	84335	39	84226	84490		85845		; :
40	74185	"	84210	40	84294	$!	84336	40	84226	84479		85834		$!
41	74185	"	84211	41	84295	, ,	84337	41	84226	84585		85873		, ,
42	74185	"	84212	42	84296	– @	84338	42	84226	84503		85860		– @
										84491		85846		) (
										84492		85876		BELL
										84514		85879		SHIFT
										84522		85887		UNSHIFT
										73152		78978		LINE FEED
										73151		85874		CAR. RET.

DESCRIPTION	SET OF 84161 TYPE PALLETS		SET OF 87931 TYPE PALLETS
a A	84277		84277
b B	84265		84265
c C	84281		84281
d D	84280		84280
e E	84275		84275
f F	84282		84282
g G	84284		84284
h H	84271		84271
i I	84273		84273
j J	84278		84278
k K	84264		84264
l L	84270		84270
m M	84268		84268
n N	84274		84274
o O	84272		84272
p P	84266		84266
q Q	84286		84286
r R	84279		84279
s S	84288		84288
t T	84276		84276
u U	84269		84269
v V	84285		84285
w W	84283		84283
x X	84287		84287
y Y	84267		84267
z Z	84263		84263
1 Æ	84257		
1 ⅛			87870
2 +	84258		
2 ¼			87871
3 ?	84259		
3 ⅜			87872
4 *	84260		
4 ½			87873
5 #	84261		
5 ⅝			87562
6 lb	84289		
6 ¾			87874
7 &	84290		
7 ⅞			87875
8 -	84291		84291
9 A	84292		
9 &			87876
0 H	84255		
0 ?			87869
, '	84256		84256
; :	84293		84293
$!	84294		84294
, ,	84295		84295
- @	84296		84296
. .	84262		84262

DESCRIPTION	84461 SET OF CELLULOID KEYTOPS	87930 SET OF CELLULOID KEYTOPS		87457 SET OF SPRING CUSHION KEYTOPS
A	84504	84504		85864
B	84519	84519		85884
C	84517	84517		85882
D	84506	84506		85866
E	84495	84495		85852
F	84507	84507		85867
G	84508	84508		85868
H	84509	84509		85869
I	84500	84500		85857
J	84510	84510		85870
K	84511	84511		85871
L	84512	84512		85872
M	84521	84521		85886
N	84520	84520		85885
O	84501	84501		85858
P	84502	84502		85859
Q	84493	84493		85850
R	84496	84496		85853
S	84505	84505		85865
T	84497	84497		85854
U	84499	84499		85856
V	84518	84518		85883
W	84494	84494		85851
X	84516	84516		85881
Y	84498	84498		85855
Z	84515	84515		85880
1 Æ	84480			85835
1 ⅛		87877		
2 +	84481			87456
2 ¼		87878		
3 ?	84482			85837
3 ⅜		87879		
4 *	84483			85838
4 ½		87880		
5 #	84484			85839
5 ⅝		87881		
6 lb	84485			85840
6 ¾		87882		
7 &	84486			85841
7 ⅞		87883		
8 -	84487	84487		85842
9 A	84488			85843
9 &		87884		
0 H	84489			85844
0 ?		87885		
$!	84479	84479		85834
; :	84490	84490		85845
) (	84491	84491		85846
- @	84503	84503		85860
, ,	84585	84585		85873
, '	84513	84513		85878
. .	84586	84586		78979
BELL	84492	84492		85876
SHIFT	84514	84514		85879
UNSHIFT	84522	84522		85887
CAR RET.	73151	73151		85874
LINE FEED	73152	73152		78978

81047 SET OF TOOLS.



2727 25 LB. SCALE

4841 12 LB. SCALE

138-58 32 OZ. SCALE

138-55 8 OZ. SCALE

138-36 $\frac{3}{16}$"-$\frac{1}{4}$" OPEN WRENCH 2. REQ.

138-34 $\frac{1}{4}$" OPEN WRENCH

138-128 $\frac{5}{16}$" OPEN WRENCH 2. REQ.

2802 $\frac{3}{8}$"-$\frac{9}{16}$" OPEN WRENCH 2. REQ.

4838 $\frac{3}{8}$-$\frac{7}{16}$ OPEN WRENCH 2 REQ.

Ⓐ 87697 $\frac{1}{2}$-$\frac{3}{4}$ OPEN WRENCH

74871 $\frac{3}{8}$" OPEN WRENCH

88993 CONTACT BURNISHER

138-23 $\frac{3}{16}$ SOCKET WRENCH

138-22 SCREW DRIVER

72581 GAUGE PIN-2. REQ.

Ⓐ 87698 CARBORUNDUM CONTACT STONE (1/2 X 1/2 X 4)

75766 SPECIAL TOOL

Ⓐ 89954 $\frac{1}{4}$ SOCKET WRENCH

Ⓐ 89955 $\frac{5}{16}$ SOCKET WRENCH

138-43 .002" GAUGE

138-44 .004 GAUGE

71564 .006" GAUGE

72574 LOCKING BAIL FINGER HOLDING TOOL

138-125 .010" GAUGE

4873 .015" GAUGE

138-126 .020" GAUGE

72003 CONTACT SPRING BENDER

4874 .030" GAUGE

71565 .040" GAUGE

71566 .050" GAUGE

72575 LOCKING BAIL FINGER BENDING TOOL

71567 .060 GAUGE

6617 TOMMY 2. REQ.

73370 GAUGE

Ⓑ 75805 .008"-.020" WIRE GAUGE

Ⓑ 75806 .010"-.040" WIRE GAUGE

Ⓑ 75807 .015"-.045" WIRE GAUGE

74903 HAND WHEEL

82711 64 OZ. SCALE

Ⓑ 75503 SPRING HOOK-PUSH

Ⓑ 75765 SPRING HOOK-PULL

Ⓐ Ⓑ 91117 CONTACT FILE

Ⓑ <u>75809 SET OF GAUGES (WITH CASE)</u>
<u>(INCLUDES 75805, 75806, 75807, 75765, 75503, 91117 & 75808 CASE)</u>

Ⓑ <u>75808 CASE FOR 75805, 75806, 75807, 75765, 75503 & 91117</u>

<u>77618 CASE FOR SMALL TOOLS</u>

Ⓐ SEE PAGE 29 FOR EXPLANATION

NOTES OF EXPLANATION

Page 2

(A) The 91019 cam sleeve (assem.) (stamped "F"), 91022 selector lever - left, 91023 selector lever - right and 90088 trip latch,have replaced the 84083 cam sleeve (assem.) (stamped "E"), 8158 selector lever - left, 8157 selector lever - right and 6830 trip latch. Old style parts cannot be used interchangeably with the improved selector mechanism.

(B) The 94015 clutch lever bracket replaces the 74189 clutch lever bracket. The 94015 clutch lever bracket differs from the 74189 clutch lever bracket in that the center mounting hole has been eliminated by means of a cutout, thereby providing an increased surface against the selector plate and permitting better alignment.

(C) The 71045 stop nut, 71046 stop screw, 2191 lock washer and 3598 nut, are to be replaced by armature stop 86872 and washer 7002 on machines operated at 385.7 o.p.m., that are not equipped with an armature detent lever.

(D) The 87391 selector magnet cable (used on selector magnet units having laminated cores) has replaced the 74625 selector magnet cable (used on selector magnet units having solid iron cores).

Page 3

(A) The 87509 spring post (threaded) has replaced the 8486 spring post (not threaded). The 74244 printing bail, which is now tapped, includes the 87509 spring post. Old style 74244 printing bails (not tapped) necessitate the use of the 8486 spring post for replacement purposes.

(B) The 81958 function lever bail (assem.) and the 74167 roller and associated parts have been replaced by a redesigned function lever bail (assem.) 93839 shown on page 24.

(C) The original 3108 roller used on the function bail and the printing bail arm was replaced by a roller of new design consisting of one roller housing and nine rollers.

The 82986 pilot screw, which was redesigned and may be identified by the beveled end, must be used with the new style roller housing and rollers. It may also be used with the old style 3108 rollers.

The 2449 lock washer was retained for use with the new style roller housing and rollers.

An assembly number (91175) was assigned to the cam follower roller (assem.) which consisted of one roller housing, nine rollers and one pilot screw.

The 91175 cam follower roller (assem.) has now been redesigned but retains the same number. This latest design of 91175 consists of one 82986 pilot screw (which has not been changed), one roller housing, nine rollers, and two roller retaining washers.

Due to the fact that the rollers of both the later designs are tested as assemblies, it is recommended that, whenever a roller housing or roller is to be replaced, the whole assembly 91175 be ordered.

Page 5

(A) When the send-receive break mechanism is to be operated on the reception of two or more consecutive blank signals, the 34432 washer is replaced by a 74283 friction washer.

Page 7

(A) In order that the ribbon may be locked sufficiently below the printing line, to clear tall fractions when stencils are being cut, the 74365 lockout lever has been replaced by the 91657 ribbon lockout lever (assem.). The 74331 lockout spring is assembled under the new lockout lever (assem.) so as to extend outward from the ribbon oscillator, instead of toward the ribbon oscillator as in the previous construction.

(B) The 74294 adapter plate formerly consisted of an adapter plate with two 2341 dowels. The new style 74294 adapter plate has two extruded projections instead of the dowels. The 2341 dowels, however, are available for maintenance on the old style adapter plates.

Page 8

(A) The 74748 arm, 74747 detent spring and 74738 shoulder screw have been replaced by a redesigned arm 84894, detent spring 84895 and shoulder screw 84896. New and old style parts are not interchangeable. When an old style part is replaced by a new style part, the other old style parts must also be replaced. The new style parts may be ordered as an 83855 set of parts.

Page 12

(A) When mounting condenser on top of the base (without 206-AH relay mounting assembly), 86850 screws are used.

(B) The 82508 motor control relay (assem.) includes a 77977 metal cover which is not shown.

(C) The 2980 condenser strap is used in place of the 74430 combination terminal block mounting bracket and condenser strap when the 73670 terminal block (assem.) is not used in the position as shown.

Page 14

(A) The 92534 test key (W.E. Co. #92AU) differs from the 75437 test key (W.E. Co. #92D) in that it is provided with a plunger or button which normally holds the contacts locked in the "operating" or "line" position. This plunger is intended to be released only by maintenance men for test purposes.

(B) When it is desired to equip a keyboard with master speed keytops instead of paper keytops, the following key levers shall be substituted:

For Master Speed Keytops			For Celluloid Keytops	
74762	Key Lever	in place of	7482	Key Lever
9209	Key Lever	in place of	72983	Key Lever
9210	Key Lever	in place of	72984	Key Lever
9211	Key Lever	in Place of	72985	Key Lever
87454	Offset Key Lever	in place of	84463	Offset Key Lever
87455	Offset Key Lever	in place of	84464	Offset Key Lever

Page 15

(A) In order to improve the keyboard touch, it is necessary that the clearance between the lockout levers and the lock loop be made adjustable. To accomplish this, the following changes have been made:

A slot has been provided in place of the hole in the 7377 lock loop, which retains the same number.

The 71659 shoulder screw has been replaced by a 6800 shoulder screw.

The 7378 lock loop roller has been replaced by a 92511 roller, having a larger diameter in order to clear the head of the 6800 shoulder screw.

A 7002 washer and a 2191 lock washer have been added under the 3606 nut which mounts the 6800 shoulder screw to the 7377 lock loop.

Note: The new style 92511 roller should not be used with the old style 7377 lock loop.

(B) Two 41663 washers have been added under the head of each of the two 6746 screws which mount the 84429 brace to the 7382 bracket. When it is desired to convert a nonrepeating keyboard to a repeating keyboard, these washers are removed and placed under the 74749 stop plate (shown on page 14), two under each mounting screw.

Page 16

(A) The 82379, 82380, 82381, 87955, 87957, 87959 and 91750 cover front plates (assem.) each include the following:

Mounting screws (welded to front plates), 76099 washers, 2191 lock washers, 83885 nuts, 74894, 82728 and 82729 name plates, 87636 screws, 34-11 nuts, cover front plate door (assem.) and 88876 (brown) or 88877 (black) cover and front plate lacing.

(B) The 82382, 82383, 82384, 87961, 87963, 87965 and 91293 cover front plates (assem.) each include the following:

Mounting screws (welded to front plates), 76099 washers, 2191 lock washers, 83885 nuts, 82728 and 82729 name plates, 87636 screws and 34-11 nuts for name plates.

(C) The 82385, 82386, 82387, 87967, 87969, 87971 and 93174 cover front plates (assem.) each include the following:

Mounting screws (welded to front plates), 76099 washers, 2191 lock washers and 83885 nuts.

(D) The 82388, 82389, 82390, 93170, 82747, 82748, 82749, and 93172 cover doors (assem.) - right side, each include the following:

Hinges (riveted to the door), 74637 hinge springs, 103-27 washers, 3640 lock washers, and 34-66 nuts, required for mounting the door to the cover.

(E) The various pads and pad retaining springs for 82321, 82322, 82373 and 93183 covers may be ordered as follows:

2191	Pad Retaining Lock Washers	(As Required)	82404	Pad Retaining Spring - Right Side	(1)
76461	Pad Retaining Washers	(As Required)	82405	Pad Retaining Spring - Right Side	(1)
82399	Right Side Pad	(1)	82406	Pad Retaining Spring - Left Side	(1)
82400	Left Side Pad	(1)	82407	Pad Retaining Spring - Left Side	(1)
82401	Rear Pad - Lower	(1)	82408	Pad Retaining Spring - Rear Lower	(2)
82402	Rear Pad - Upper	(1)	82409	Pad Retaining Spring - Rear Upper	(3)
82403	Front Pad	(1)	82410	Pad Retaining Spring - Front	(4)
			83885	Pad Retaining Nuts	(As Required)

(F) The cover front plate doors may be ordered as follows:

88936	Cover Front Plate Door - Walnut (Assem.)
88943	Cover Front Plate Door - Walnut
74637	Spring

91561	Cover Front Plate Door - Black (Assem.)
91560	Cover Front Plate Door - Black
74637	Spring

93179	Cover Front Plate Door - Mahogany (Assem.)
93180	Cover Front Plate Door - Mahogany
74637	Spring

93181	Cover Front Plate Door - Black Morocco (Assem.)
93182	Cover Front Plate Door - Black Morocco
74637	Spring

Page 17

(A) Parts marked (A) are old style parts, furnished for maintenance only. When 8513 or 74792 message line guide (assem.) are ordered, only the new style parts will be furnished.

Page 19

(C) G. E. Model 5SH25AB1 (74931) superseded by G. E. Model 5SH25AB7 (82622).
G. E. Model 5SH25AB7 (82622) superseded by G. E. Model 5SH25AB11 (82283).

(D) The rotor for Model 5SH25AB1 (74931) motor is stamped 4277621-2.
The rotor for Model 5SH25AB7 (82622) motor is stamped 4288831-G3.
The rotor for Model 5SH25AB11 (82283) motor is stamped 4290072-G2.
The rotor for Model 5SH25AB14 (82714) motor is stamped 4290072-G5.

(E) G. E. Models 5SH25AB11 (82283) and 5SH25AB14 (82714) are equipped with the new style three-brush centrifugal mechanism, comprising an 82841 switch commutator, a 82843 or 86616 spring, 88879 brush holder support (assem.), and 82848 brush holders with brushes.

(F) G. E. Models 5SH25AB1 and 5SH25AB7 use 80300 switch mechanism with 80302 centrifugal mechanism, 80357 screw, 80561 washer, 80353 spring, and 80305 fibre washer.

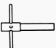
Page 21

(F) The two 6746 screws are used to secure the local test key bracket. If the keyboard was not equipped with a filter before, the two 6746 screws furnished with 92222 may be discarded.

Page 26

(A) The 81047 set of tools now includes the new tools marked (A).

For customers, other than the Bell System, not desiring these new tools, the following old tools may be ordered:


138-25
1/4 SOCKET WRENCH


138-26
5/16 SOCKET WRENCH

75810
1/2-3/4 OPEN WRENCH


138-30
CONTACT FILE

138-139
CARBORUNDUM
CONTACT STONE


138-100
CONTACT
BURNISHER

NUMERICAL INDEX

M-169 Magnet, 12
M-197 Magnet Coil, 2
33-15 Screw (2-56 x 1/8),12
33-38 Screw (4-40 Shoulder), 5,11
33-41 Screw (6-40 Shoulder), 4,8
33-43 Screw (2-56 x 3/4),12
33-86 Screw (4-40 x 1/8),21
33-101 Screw (6-32 x 3/8),17
33-168 Screw (6-40 Pilot), 7
33-170 Screw (4-40 Shoulder),7
33-179 Screw (8-32 x 3/8),10
33-198 Screw (6-40 x 1/4 Set),15
33-227 Screw (4-40 Shoulder), 6,16
33-340 Screw (3/16-40 Pilot),3
33-344 Screw (10-32 x 3/4), 1
34-1 Nut (1/4-32 Hex.),2,4,7,8
34-4 Nut (10-32 Hex.),1,2,3,4, 5,6,7,8,10,11,18,19,20
34-10 Nut (8-40 Hex.),8
34-11 Nut (2-56 Hex.),2,16, 21,28
34-48 Nut (6-32 Hex.), 14
34-51 Nut (6-40 Hex.),4
34-56 Nut (4-40 Hex.),2,6,15, 16,21
34-59 Nut (10-30 Hex.), 18
34-66 Nut (4-36 Hex.),17,28
35-1 Spring, 2
35-70 Spring, 11
36-150 Dowel, 1,5
43-10 Stop (Plunger), 12
61-24 Insulator, 21
103-27 Washer,2,6,7,8,11,14,28
122-26 Washer, 12
122-29 Dowel, 1
123-244 Washer, 1,6,10
125-237 Fuse (3 Amp.), 10
126-123 Outlet Bushing, 18
138-22 Screw Driver, 26
138-23 Socket Wrench, 26
138-25 Socket Wrench, 29
138-26 Socket Wrench, 29
138-30 Contact File, 29
138-34 Open Wrench, 26
138-36 Open Wrench, 26
138-43 Gauge, 26
138-44 Gauge, 26
138-55 Scale, 26
138-58 Scale, 26
138-100 Contact Burnisher, 29
138-125 Gauge, 26
138-126 Gauge, 26
138-128 Open Wrench, 26
138-139 Carborundum Contact Stone, 29
200-1348 Washer, 11
1010 Screw (6-40 Shoulder),8
1026 Screw (6-40 x 3/8),4,5,6, 10,12
1028 Screw (4-40 x 1/4),2, 10,12
1038 Screw (6-40 Shoulder), 2,16
1035 Screw (4-40 x 3/8), 5
1038 Screw (6-40 x 9/32), 14
1051 Screw (4-40 x 1/2), 11
1064 Screw (6-32 x 1/4), 20
1072 Screw (6-40 Thumb), 16
1073 Screw (6-40 Thumb), 2
1097 Screw (4-40 x 15/32), 5
1100 Screw (1/4-32 Pilot),18
1160 Screw (6-40 x 5/16), 2,3, 5,8,9,10
1161 Screw (6-40 x 1/4),1,6,7,9
1162 Screw (4-40 x 1/4),6,7,8
1166 Screw (4-36 x 1/4),10
1168 Screw (4-40 x 5/16),1,7, 8,11,20
1169 Screw (6-40 x 7/16),14
1174 Screw (4-40 Shoulder),8
1176 Screw (6-40 x 3/16),6
1179 Screw (6-40 x 5/8),19,21
1196 Screw (6-40 Shoulder),1, 4,6,7
1206 Screw (4-40 x 9/16),21
1208 Screw (10-32 x 5/8),3,4,13
1224 Stud Adjusting Screw,10
1226 Screw (6-40 x 3/4),10
1245 Screw (10-32 x 1),1,4,10,12
1248 Screw (6-40 x 1/2),4,6,14
1252 Screw (4-40 x 1/4),6
1262 Screw (6-32 x 5/16),14
1269 Screw (6-40 x 1/2), 6,10
1272 Screw (6-40 x 11/16),18
1275 Screw (10-32 x 1-1/2),10
1291 Screw (6-32 x 3/4), 17
1293 Screw (4-40 x .120),21
1294 Screw (4-36 x 1/2),17
1297 Screw (6-40 x 2-7/16),11, 13,14
2191 Lock Washer,1 to 22,27,28
2199 Nut (7/16 x 32 Hex.),14
2248 Pin, 6
2291 Contact Spring (Lower),10
2322 Lock Washer, 1,4,7,8
2341 Dowel, 7,27
2378 Spacer Key Lever,14
2382 Lock Washer, 1
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74909 Frame - Right (with bearing Cap, Screws & Lock Washers), 1
74912 Pinion (7 T) - "3" - 388.20 O.P.M., 18,19
74913 Gear (30 T) - "3" - 388.2 O.P.M., 18,19
74916 Gear Hub, 2
74917 Pad Retainer, 16
74928 Spring Post, 6
74931 Synchronous Motor (G. E. Model 5SH25AB1), 29
74935 Terminal Strap (2-1/8 Long), 10
74946 Insulator, 3
74949 Lower Contact Lever, 11
74952 Screw (4-40 x 5/8), 11
74961 Spring, 22
74962 Spring, 22
74964 Contact Spring, 11
74965 Spacer, 21
74972 Stud, 8
74975 Screw (10-32 x 5/8), 10
74986 Screw (6-40 x 13/32), 3,8
74987 Spring, 9
74989 Motor Unit (Assem.) (Bell System 15-C), 18
74990 Insulator, 10
74991 Insulator, 18,19
74992 Insulator, 12
74994 Mounting Plate, 9
74995 Retainer, 9
75229 Spring, 11
75231 Bushing, 12
75400 Screw (6-40 x 1), 21
75436 Resistor (3000 Ohms), 11
75437 Test Key (W.E.Co. 92-D),14, 28
75503 Spring Hook - Push, 26
75606 Spring, 15
75607 Washer, 15
75646 Drive Screw, 21
75750 Washer (Bakelite), 11,14
75765 Spring Hook - Pull, 26
75766 Special Tool, 26
75805 Wire Gauge, 26
75806 Wire Gauge, 26
75807 Wire Gauge, 26
75808 Case for 75805, 75806, 75807, 75503 and 91117, 26
75809 Set of Gauges (with Case),26
75810 Open Wrench, 29
76084 Washer (Felt), 6
76085 Disc (Friction), 6
76086 Spring (Friction), 6
76087 Nut (9/16-32 Special), 6
76099 Washer, 16,28
76246 Bushing, 11
76281 Terminal (W.D. 1221 and 1277), 10
76284 Terminal Strap (2' Long), 10
76295 Spring, 1
76296 Spring, 4
76333 Bushing, 11
76461 Washer, 28
76484 Fan, 19
77310 Name Plate "Bell System Service", 21
77618 Case for Small Tools, 26
77774 Copyholder (6" - Mahogany), 17
77775 Copyholder (6" - Walnut),17
77953 Motor 1/25 H.P., 110 V., A.C., 60 Cycle, 18
77977 Cover, 27
78011 1 M.F. Condenser, 12
78025 Screw (4-48 x 3/16), 18,19
78103 Screw (6-40 x 1-3/16), 21
78163 Post, 2
78164 Selector Post, 2
78174 Armature, 2
78180 Retaining Disc, 2
78205 Resistance Unit (300 Ohms), 12
78206 Resistance Unit (Assem.) (150-300-600 Ohms), 12,18, 21
78239 Armature, 18
78240 Field Core, 18
78241 Field Coils, 18
78281 Name Plate (Teletype), 21
78287 Collar (Spacing), 10
78398 Bushing, 20
78399 Outer Disc Brush Spring (with Brush), 20
78400 Inner Disc Brush Spring (with Brush), 20
78403 Contact Brush, 20
78437 Insulator, 20
78438 Bushing, 20
78439 Governor Shell, 20
78443 Outer Contact Disc, 20
78451 Cover, 20
78473 Resistance Unit (25 Ohms), 13
78474 Screw (2-56 x 1/4), 21
78479 Field Core, 18
78480 Field Core, 18
78495 Governor Cover (Assem.),20
78496 Outer Disc Contact Spring, 20
78497 Inner Disc Contact Spring, 20
78550 Rocker Guide, 15
78551 Shaft, 15
78552 Retainer, 15
78553 Selector Bar Guide, 15
78596 Washer, 2
78597 Screw (10-32 Shoulder), 2
78824 Spring, 2
78826 Mounting Block, 2
78858 Washer, 21
78889 Insulator, (W.E. Co. P-149792), 12
78978 Spring Cushion Keytop "Line Feed," 24,25
78979 Spring Cushion Keytop ". .", 23,25
79513 Plate, 12
80255 Screw (4-40 x 11/32), 6
80291 Governor Shell (Assem.) (without Hub), 20
80294 Spring Post, 6
80299 End Play Spring, 19
80300 Switch, 19,29
80302 Centrifugal Mechanism, 19, 29
80303 Fan, 19
80305 Washer (Fibre), 19,29
80307 Bracket (with Bushing), 19
80308 Bushing (Fibre), 19
80309 Washer (Felt), 19
80310 Washer (Felt), 19
80311 Cup Washer, 19
80312 Washer, 18,19
80313 Washer, 19
80334 Contact Terminal, 20
80335 Clamping Plate, 20
80336 Insulator, 20
80337 Bracket, 20
80338 Governor Adjusting Bracket,20

80340	Brush Spring Plate, 20
80341	Governor Brush and Speed Adjusting Bracket (Assem.), 20
80342	Screw (6-40 x 23/64), 20
80351	Screw (8-36 x 5/16), 19
80352	Center Contact Governor (Assem.) with Hub for 3/8" Shaft, 20
80353	Spring, 19,29
80355	Screw (4-48 x 7/16), 19
80356	Washer 1/32", 19
80357	Screw (4-48 x 1/4), 19,29
80358	Ball Bearing, 19
80392	Spacer Key Lever Spring, 14
80437	Set of Gears - 388.2 O.P.M., 18,19
80439	Synchronous Motor Unit (Assem.) (Bell System 15-D), 19
80444	Screw (6-40 x 1/4), 20,21
80460	Cable Clamp, 10
80466	Platen Crank (Assem.), 6
80471	Clutch Spring, 14
80478	Spring Post, 6
80508	Screw (4-40 x 25/32), 21
80509	Spring Post, 1
80510	Margin Bell Hammer, 1
80511	Margin Bell Shaft, 1
80516	Cotter Pin, 1
80530	Washer (3/64"), 19
80531	Washer (1/64"), 19
80555	Rotor (Assem.), 19
80556	Rotor (Assem.) (with Bearing and Switch), 19
80557	End Shield (with Oiler), 19
80558	End Shield (with Oiler), 19
80559	Clamping Stud, 19
80561	Washer, 19,29
80706	Screw (6-40 Set), 9
80724	Paper Rod Lever, 6
80754	Oiler, 19
80757	Screw (10-32 x 1/2), 1
80840	Insulating Block, 13
80848	Spring, 3
80871	Glass Rail (Right) (Walnut), 16
80872	Glass Rail (Left) (Walnut), 16
80873	Glass Rail (Right) (Mahogany), 16
80874	Glass Rail (Left) (Mahogany), 16
80875	Cover Arm, 16
80877	Fastening Strip (Walnut), 16
80878	Fastening Strip (Mahogany), 16
80883	Form Slot Covering Strip (Mahogany), 16
80887	Copyholder (6" - Green), 17
80888	Copyholder (6" - Assem.) with Accessories (Green),17
80911	Conduit, 13
80913	Resistance Unit (Assem.) - 25 Ohms, 13,18
80925	Box Connector, 13
80926	Spring, 3
80945	Spring, 6
80948	Screw (#10 x 1" Wood), 13
80985	Screw (4-40 x 1/4), 16
80986	Lock Washer, 16
81006	Stop Post, 1
81015	Clamp (Cable), 10
81047	Set of Tools, 26,29
81433	Shim, 14
81682	Glass Rail (Right) (Black), 16
81683	Glass Rail (Left) (Black), 16
81684	Fastening Strip (Black), 16
81735	Name Plate "15-A Teletypewriter Base", 21
81747	Insulator Block, 3
81825	Condenser 1/100 M.F. (W.E. D-92607), 21
81881	Copyholder (6")-(Assem.) with Accessories - Mahogany (Bell System 14-E Copyholder), 17
81895	Spring Post, 4
81936	Feed Lever, 8
81956	Blocking Bail, 3,22
81957	Function Lever Return Bail, 3
81958	Function Lever Bail (Assem.), 3,27
82075	Spring, 3
82142	Rotor (Assem.) (with Bearings and Switch),19
82143	Rotor (Assem.), 19
82144	Wound Stator (with Base),19
82168	Name Plate "Underwriters", 21
82253	Platen - Steel Jacketed 8-1/2", 6
82283	Synchronous Motor 1/40 H.P., 110 V., 60 Cycle, A.C., 19, 29
82298	Motor Unit (Assem.), 18
82321	Cover (Assem.) (Walnut) (Bell System 15-C Printer Cover), 16,28
82322	Cover (Assem.) (Black) (Bell System 15-D Printer Cover), 16,28
82345	Tuning Fork (120 V.P.S.), 18
82346	Resistance Unit (Assem.) (300-1000-1300 Ohms), 12
82373	Cover (Assem.) (Mahogany) (Bell System 15-K Printer Cover), 16,28
82379	Cover Front Plate (Assem.)-Walnut (Bell System 15-C Cover Plate), 16,28
82380	Cover Front Plate (Assem.)-Black (Bell System 15-D Cover Plate), 16,28
82381	Cover Front Plate (Assem.)-Mahogany (Bell System 15-L Cover Plate), 16,28
82382	Cover Front Plate (Assem.)-Walnut (Bell System 15-E Cover Plate), 16,28
82383	Cover Front Plate (Assem.)-Black (Bell System 15-F Cover Plate), 16,28
82384	Cover Front Plate (Assem.)-Mahogany (Bell System 15-M Cover Plate), 16,28
82385	Cover Front Plate (Assem.)-Walnut (Bell System 15-G Cover Plate), 16,28
82386	Cover Front Plate (Assem.)-Black (Bell System 15-H Cover Plate), 16,28
82387	Cover Front Plate (Assem.)-Mahogany (Bell System 15-N Cover Plate), 16,28
82388	Cover Plate Door (Assem.)-Walnut (Bell System 15-J Cover Plate), 16,28
82389	Cover Plate Door (Assem.)-Black (Bell System 15-K Cover Plate), 16,28
82390	Cover Plate Door (Assem.)-Mahogany (Bell System 15-P Cover Plate), 16,28
82399	Right Side Pad, 28
82400	Left Side Pad, 28
82401	Rear Pad (Lower), 28
82402	Rear Pad (Upper), 28
82403	Front Pad, 28
82404	Pad Retaining Spring (Right Side), 28
82405	Pad Retaining Spring (Right Side), 28
82406	Pad Retaining Spring (Left Side), 28
82407	Pad Retaining Spring (Left Side), 28
82408	Pad Retaining Spring (Rear - Lower), 28
82409	Pad Retaining Spring (Rear - Upper), 28
82410	Pad Retaining Spring (Front), 28
82411	Bracket, 16
82412	Bracket, 16
82413	Cover Stop Arm, 16
82414	Cover Detent Knob, 16
82415	Cover Detent Spring, 16
82425	Glass, 16
82440	Screw (6-40 x 7/16), 14
82442	Spring, 1
82463	Spring, 6
82474	Terminal, 10,13,21
82493	Washer, 2
82508	Motor Control Relay (Assem.) (W.E. 206-AH), 12,27
82509	Copyholder (12" - Mahogany), 17
82510	Copyholder (12" - Assem.) with Accessories - Mahogany (Bell System 15-C Copyholder), 17
82622	Synchronous Motor (G.E. Model 58H25AB7), 29
82668	Magnet Yoke, 2
82676	Magnet Bracket, 2
82677	Magnet Bracket, 2
82678	Coil Retainer, 2
82701	Strap, 2
82711	64 Oz. Scale, 26
82714	Synchronous Motor 1/40 H.P., 110 V., 50 Cycle, A.C., 19,29
82728	Name Plate, 16,28
82729	Name Plate, 16,28
82733	Bearing Cap, 1
82747	Cover Plate Door (Assem.)-Walnut, 16,28
82748	Cover Plate Door (Assem.)-Black, 16,28
82749	Cover Plate Door (Assem.)-Mahogany, 16,28
82839	Rotor (Assem.) (with Bearings and Switch), 19
82840	Rotor (Assem.), 19
82841	Switch Commutator, 19,29
82843	Spring, 19,29
82845	Washer, 19
82846	Rotor (Assem.) (with Bearings and Switch), 19
82847	Rotor (Assem.), 19
82848	Brush Holder (with Brush), 19,29
82850	End Shield (with Oiler),19
82917	Send-Receive Break Mechanism (Assem.), 11
82918	Bracket, 11
82919	Bearing, 11
82920	Bushing, 11
82921	Break Lever, 11
82922	Adjusting Plate, 11
82923	Stop Lever, 11
82924	Plate, 11
82925	Upper Contact Lever, 11
82926	Contact Spring, 11
82927	Contact Spring, 11
82929	Contact Spring, 11
82930	Contact Spring, 11
82986	Pilot Screw, 27
82999	Spring, 7
83300	Keyboard Base, 14
83302	Key Lever Guide - Front,14
83303	Key Lever Guide and Spring Bar, 14
83305	Selector Bar Bracket, 15
83307	Selector Rocker "A", 15
83308	Selector Rocker "B", 15
83309	Selector Rocker "C", 15
83310	Selector Rocker "D", 15
83311	Selector Rocker "E", 15
83330	Universal Bar, 14
83332	Bracket (Left), 14
83333	Bracket (Right), 14
83338	Key Lever Shaft, 14
83342	Plate, 14
83374	Locking Lever, 14
83381	Shaft, 14
83382	Bearing Post, 14
83402	Name Plate (15-A Motor Unit), 21
83403	Name Plate (15-B Motor Unit), 21

83404	Name Plate (15-C Motor Unit), 21
83405	Name Plate (15-D Motor Unit), 21
83408	Screw (4-40 x 3/16), 21
83412	Stud (Locating), 10
83413	Buffer, 10
83573	Paper Guide Plate - Walnut, 16
83574	Paper Guide Plate - Black, 16
83575	Paper Guide Plate - Mahogany, 16
83855	Set of Parts for Right-hand Margin Adjusting Screw Support, 27
83884	Screw (10-32 x 3/4), 1
83885	Nut (6-32 Hex.), 16,28
83919	Shim, 15
83976	Platen Crank, 6
83977	Spring Clip, 6
84018	Pinion (7T) - "7" - 388.2 O.P.M. - 50 Cycle, 19
84019	Gear (25 T) - "7" - 388.2 O.P.M. - 50 Cycle, 19
84042	Set of Gears - 388.2 O.P.M. - 50 Cycle, 19
84083	Cam Sleeve (Assem.), 27
84089	Bell Crank #6, 9
84091	"T" Lever #0, 2
84092	Code Bar 1, 23
84093	Code Bar 2, 23
84094	Code Bar 3, 23
84095	Code Bar 4, 23
84096	Code Bar 5, 23
84097	Code Bar 6, 23
84098	Type Bar Backstop (Assem.), 7
84099	Ribbon Carrier, 7
84100	Pressure Roller - Front, 6
84105	Pinion (8 T) - "9" - 385-5/7 O.P.M. - 60 Cycle, 19
84106	Gear (32 T) - "9" - 385-5/7 O.P.M. - 60 Cycle, 19
84107	Set of Gears - 385-5/7 O.P.M. - (20-B) - 60 Cycle, 19
84156	Selector Mounting Plate (with Posts), 2
84158	Carriage Return Function Lever #2A, 22
84160	Spool Shaft, 9
84161	Set of Type Pallets, 25
84162	Shift Function Lever #3B, 22
84163	Selector Vane #6, 5
84169	Name Plate (15-E Motor Unit, 21
84170	Set of Type Bars (Complete), 7
	<u>Type Bars (without Pallets)</u>
84171	#1, 23
84172	#2, 23
84173	#3, 23
84174	#4, 23
84175	#5, 23
84176	#6, 23
84177	#7, 23
84178	#8, 23
84179	#9, 23
84180	#10, 23
84181	#11, 23
84182	#12, 23
84183	#13, 23
84184	#14, 23
84185	#15, 23
84186	#16, 23
84187	#17, 23
84188	#18, 23
84189	#19, 23
84190	#20, 23
84191	#21, 23
84192	#22, 23
	<u>Type Bars (without Pallets)</u>
84193	#23, 23
84194	#24, 23
84195	#25, 23
84196	#26, 23
84197	#27, 23
84198	#28, 23
84199	#29, 23
84200	#30, 24
84201	#31, 24
84202	#32, 24
84203	#33, 24
84204	#34, 24
84205	#35, 24
84206	#36, 24
84207	#37, 24
84208	#38, 24
84209	#39, 24
84210	#40, 24
84211	#41, 24
84212	#42, 24
84213	Bell on "S" Function Lever #3 or 4, 22
84215	Shift Release Function Lever #11-B, 22
84216	Blank Function Lever #10-A, 22
84217	Blank Function Lever #13-A, 22
84218	Rubout Function Lever #6,22
84219	Upper and Lower Rail Function Lever #4, 5 or 7, 22
84220	Platen Bracket (Right), 6
84221	Detent Lever, 6
84222	Spacer, 9
84223	Link, 8
84224	Type Bar Segment, 7
84225	Fulcrum Rod, 7
84226	Spring, 7,23,24
84227	Top Separator Plate, 2
84228	Reverse Arm (Left), 9
84230	Bushing, 9
84231	Reverse Arm - Right, 9
84232	Pull Bar Guide, 8,9
84233	Pull Bar Stripper, 9
84234	Bail, 7,8
84240	Leather Strip, 7
84243	Driving Gear, 2
84245	Shaft (with Detent and Gears), 8
84254	Spring Bracket (End), 7
	<u>Type Bar Pallets</u>
84255	0 A, 23,25
84256	; ', 23,25
84257	1 ffi, 23,25
84258	2 +, 23,25
84259	3 ?, 23,25
84260	4 •, 23,25
84261	5 ff, 23,25
84262	. ., 23,25
84263	z Z, 23,25
84264	k K, 23,25
84265	b B, 23,25
84266	p P, 23,25
84267	y Y, 23,25
84268	m M, 23,25
84269	u U, 23,25
84270	l L, 23,25
84271	h H, 23,25
84272	o O, 23,25
84273	i I, 23,25
84274	n N, 23,25
84275	e E, 23,25
84276	t T, 23,25
84277	a A, 23,25
84278	j J, 23,25
84279	r R, 23,25
84280	d D, 23,25
84281	c C, 23,25
84282	f F, 23,25
84283	w W, 23,25
84284	g G, 24,25
84285	v V, 24,25
	<u>Type Bar Pallets</u>
84286	q Q, 24,25
84287	x X, 24,25
84288	s S, 24,25
84289	6 lb, 24,25
84290	7 &, 24,25
84291	8 -, 24,25
84292	9 fi, 24,25
84293	; :, 24,25
84294	$!, 24,25
84295	, ,, 24,25
84296	- @, 24,25
	<u>Type Bars (with Pallets)</u>
84297	#1, 23
84298	#2, 23
84299	#3, 23
84300	#4, 23
84301	#5, 23
84302	#6, 23
84303	#7, 23
84304	#8, 23
84305	#9, 23
84306	#10, 23
84307	#11, 23
84308	#12, 23
84309	#13, 23
84310	#14, 23
84311	#15, 23
84312	#16, 23
84313	#17, 23
84314	#18, 23
84315	#19, 23
84316	#20, 23
84317	#21, 23
84318	#22, 23
84319	#23, 23
84320	#24, 23
84321	#25, 23
84322	#26, 23
84323	#27, 23
84324	#28, 23
84325	#29, 23
84326	#30, 24
84327	#31, 24
84328	#32, 24
84329	#33, 24
84330	#34, 24
84331	#35, 24
84332	#36, 24
84333	#37, 24
84334	#38, 24
84335	#39, 24
84336	#40, 24
84337	#41, 24
84338	#42, 24
84344	Drive Gear, 14
84409	Selector Rocker "F", 15
	<u>Selector Bars</u>
84410	A-1, 15
84411	A-2, 15
84412	B-1, 15
84413	B-2, 15
84414	C-1, 15
84415	C-2, 15
84416	D-1, 15
84417	D-2, 15
84418	E-1, 15
84419	E-2, 15
84420	F-1, 15
84421	F-2, 15
84424	Contact Spring, 15
84426	Contact Stop, 15
84427	Stiffener, 15
84428	Contact Mounting (Assem.), 15
84429	Brace, 15,28
84430	Contact Lever Shaft, 15
84433	Cam Sleeve (Assem.), 15
84434	Transmitter Assembly with #84428 Contact Mounting (Assem.), 15
84461	Set of Celluloid Keytops,2
84462	Type Bar Backstop, 7
84463	Offset Key Lever, 14,28

84464	Offset Key Lever, 14,28
84467	Spacer Bar Loop, 14

Celluloid Keytops

84479	$!, 24,25
84480	1 ffi, 23,25
84481	2 +, 23,25
84482	3 ?, 23,25
84483	4 •, 23,25
84484	5 ff, 23,25
84485	6 lb, 24,25
84486	7 &, 24,25
84487	8 -, 24,25
84488	9 fi, 24,25
84489	0 fl, 23,25
84490	; :, 24,25
84491	) (, 24,25
84492	Bell, 24,25
84493	Q , 24,25
84494	W , 23,25
84495	E , 23,25
84496	R , 23,25
84497	T , 23,25
84498	Y , 23,25
84499	U , 23,25
84500	I , 23,25
84501	O , 23,25
84502	P , 23,25
84503	- @ , 24,25
84504	A , 23,25
84505	S , 24,25
84506	D , 23,25
84507	F , 23,25
84508	G , 24,25
84509	H , 23,25
84510	J , 23,25
84511	K , 23,25
84512	L , 23,25
84513	’ ‘ , 23,25
84514	Shift, 24,25
84515	Z , 23,25
84516	X , 24,25
84517	C , 23,25
84518	V , 24,25
84519	B , 23,25
84520	N , 23,25
84521	M , 23,25
84522	Unshift, 24,25
84551	Terminal Strap (5¼" Long), 10
84575	Spring, 5
84578	Bearing Block, 4
84580	Spring Bracket - Center, 8
84585	Celluloid Keytop , , 24,25
84586	Celluloid Keytop . . 23,25
84894	Arm, 8,27
84895	Detent Spring, 8,27
84896	Screw (10-32 Shoulder), 8,27
84901	Synchronous Motor Unit (Assem.)(Bell System 15-E), 19
84988	Shift - Unshift Function Lever #7, 22
84992	Pinion (9 T) - "10" - 385-5/7 O.P.M., 18
84993	Gear (42 T) - "10" - 385-5/7 O.P.M., 18
84994	Set of Gears - 385-5/7 O.P.M. (20-A), 18

Spring Cushion Keytops

85834	$!, 24,25
85835	1 ffi, 23,25
85837	3 ?, 23,25
85838	4 •, 23,25
85839	5 ff, 23,25
85840	6 lb, 23,25
85841	7 &, 24,25
85842	8 -, 24,25
85843	9 fi, 24,25
85844	0 fl, 23,25
85845	; :, 24,25
85846	) (, 24,25
85850	Q , 24,25
85851	W , 23,25
85852	E , 23,25
85853	R , 23,25

Spring Cushion Keytops

85854	T , 23,25
85855	& , 23,25
85856	U , 23,25
85857	I , 23,25
85858	O , 23,25
85859	P , 23,25
85860	- @ , 24,25
85864	A , 23,25
85865	S , 24,25
85866	D , 23,25
85867	F , 23,25
85868	G , 24,25
85869	H , 23,25
85870	J , 23,25
85871	K , 23,25
85872	L , 23,25
85873	, ,, 24,25
85874	Car.Ret., 24,25
85876	Bell , 24,25
85878	’ ‘ , 23,25
85879	Shift, 24,25
85880	Z , 23,25
85881	X , 24,25
85882	C , 23,25
85883	V , 24,25
85884	B , 23,25
85885	N , 23,25
85886	M , 23,25
85887	Unshift, 24,25
86154	Range Scale (with Bell Crank Mounting), 2
86615	Rotor (Assem.) (with Bearings and Switch), 19
86616	Spring, 19,29
86617	Rotor (Assem.), 19
86710	Oiler, 1,3
86713	Screw (4-48 x 5/16), 19
86714	Washer, 19
86736	Plate, 2
86850	Screw (10-32 x 1-1/4), 27
86868	Bushing, 20
86869	Post, 20
86872	Armature Stop, 2,27
86873	Spring, 22
87107	Cable, 2
87182	Celluloid Disc, 14
87368	Gear (34 T) - "11" - 317.65 O.P.M. - 60 Cycle, 19
87369	Pinion (7 T) - "11" - 317.65 O.P.M. - 60 Cycle, 19
87370	Set of Gears - 317.65 O.P.M. 60 Cycle, 19
87391	Selector Magnet Cable (Assem.)(WD1221)(Includes 87107 Cable & 8884 Terminal Block), 27
87402	Spring, 22
87454	Offset Key Lever, 28
87455	Offset Key Lever, 28
87456	Spring Cushion Keytop - 2 +, 23,25
87457	Set of Spring Cushion Keytops, 25
87509	Spring Post, 3,27
87562	Type Bar Pallet - 5 5/8, 23,27
87572	Upper & Lower Magazine Function Lever #7C, 22
87574	Upper Magazine Function Lever #11-C, 22
87575	Rubout Function Lever #6-C, 22
87576	Space Suppression Function Lever #5, 22
87582	Type Bar (with Pallet) #7, 23
87636	Screw (2-56 x 3/16), 16,21,28
87693	Name Plate - "Bell System", 21
87694	Name Plate - "U.S. Patent", 21
87697	Wrench (1/2-3/4 Open), 26
87698	Carborundum Contact Stone (1/2 x 1/2 x 4), 26

Type Bar Pallets

87869	0 ?, 23,25
87870	1 1/8, 23,25
87871	2 1/4, 23,25
87872	3 3/8, 23,25
87873	4 1/2, 23,25
87874	6 3/4, 24,25
87875	7 7/8, 24,25
87876	9 & , 24,25

Celluloid Keytops

87877	1 1/8, 23,25
87878	2 1/4, 23,25
87879	3 3/8, 23,25
87880	4 1/2, 23,25
87881	5 5/8, 23,25
87882	6 3/4, 24,25
87883	7 7/8, 24,25
87884	9 & , 24,25
87885	0 ? , 23,25

Type Bars (with Pallets)

87886	#1, 23
87887	#3, 23
87888	#4, 23
87889	#5, 23
87890	#6, 23
87891	#35, 24
87892	#36, 24
87893	#38, 24
87894	Condenser - 1/4 M.F. (W.E. Co. 142-B), 12
87901	Screw (2-56 x 1/8), 7
87930	Set of Celluloid Keytops, 25
87931	Set of Type Pallets, 25
87936	Bracket, 17
87937	Bracket (with Rod), 17
87938	Bracket (with Rod), 17
87955	Cover Front Plate (Assem.) - Walnut (Bell System 15-C Cover Plate), 16,28
87957	Cover Front Plate (Assem.) - Black (Bell System 15-D Cover Plate), 16,28
87959	Cover Front Plate (Assem.) - Mahogany (Bell System 15-L Cover Plate), 16,28
87961	Cover Front Plate (Assem.) - Walnut (Bell System 15-E Cover Plate), 16,28
87963	Cover Front Plate (Assem.) - Black (Bell System 15-F Cover Plate), 16,28
87965	Cover Front Plate (Assem.) - Mahogany (Bell System 15-M Cover Plate), 16,28
87967	Cover Front Plate (Assem.) - Walnut (Bell System 15-G Cover Plate), 16,28
87969	Cover Front Plate (Assem.) - Black (Bell System 15-H Cover Plate), 16,28
87971	Cover Front Plate (Assem.) - Mahogany (Bell System 15-N Cover Plate), 16,28
87993	Screw (6-40 x 5/32), 22
88856	Stud, 1
88857	Spring Washer, 1
88876	Cover and Front Plate Lacing - Brown, 16,28
88877	Cover and Front Plate Lacing - Black, 16,28
88879	Brush Holder Support (Assem.), 19,29
88896	Oiler, 4,14
88897	Nut (10-32 Hex.), 4,14,15
88936	Cover Front Plate Door - Walnut (Assem.), 29
88943	Cover Front Plate Door - Walnut, 29
88993	Contact Burnisher, 26
89076	Bracket, 5
89077	Stud, 1,5
89209	Plate - Walnut, 16

89405	Bushing, 19
89406	Washer, 19
89407	Cotter Pin, 19
89442	Set of Parts for Reset Lever Downstop, 5
89548	Contact Spring (W.E. Co. Part #P-149618), 11
89549	Set of Gears - 308.570 O.P.M., 18
89550	Bell Function Lever #4-C, 22
89600	Pinion (7 T) - "12" - 308.57 O.P.M., 18
89601	Gear (40 T) - "12" - 308.57 O.P.M., 18
89881	Oil Wick, 2
89917	Screw (4-40 Eccentric), 15
89925	Terminal End, 12
89946	Name Plate - (Bell System Service), 21
89954	Wrench (1/4 Socket), 26
89955	Wrench (5/16 Socket), 26
89969	Washer (Fibre), 13
90088	Trip Latch, 2,27
90246	Resistor (2000-4000 Ohms) (220 V.), 11
90247	Resistor (1400-2000 Ohms) (220 V.), 11
90248	Resistor (1610-4000 Ohms) (220 V.), 11
90260	Spring, 15
90263	Wound Stator (with Base),19
90438	Button (Felt), 14
90791	Lock Washer, 2
91019	Cam Sleeve (Assem.), 2,27
91022	Selector Lever - Left, 2,27
91023	Selector Lever - Right, 2,27
91024	Detent Lever Bracket, 2
91025	Detent Lever, 2
91026	Screw (4-40 Shoulder), 2
91041	Wound Stator (with Base), 19
91117	Contact File, 26
91120	Spring, 14
91175	Roller (Assem.), 3,27
91200	Wound Stator (with Base), 19
91210	Copyholder - 12" (Assem.) with Accessories - Black Morocco, 17
91211	Copyholder - 12" - Black Morocco, 17
91222	Covering Strip - Black Morocco, 16
91223	Paper Guide Plate - Black Morocco, 16
91293	Cover Front Plate (Assem.) Black Morocco, 16,28
91560	Cover Front Plate Door - Black, 29
91561	Cover Front Plate Door - Black (Assem.), 29
91600	Screw (6-40 x 31/32), 4
91617	Shim, 18
91657	Lockout Lever (Assem.), 7, 27
91658	Extension, 7
91659	Lockout Lever, 7
91683	Nut (15/32-32 Hex.), 11
91685	Screw (4-48 x 1/8), 21
91701	Set of Gears - 385-5/7 O.P.M. 50 Cycle, 19
91702	Pinion (9 T) - "13" - 385-5/7 O.P.M. 50 Cycle, 19
91703	Gear (30 T) - "13" - 385-5/7 O.P.M. - 50 Cycle, 19
	Selector Bars
91708	A-1A, 15
91709	A-2A, 15
91710	B-1A, 15
91711	B-2A, 15
91712	C-1A, 15
91713	C-2A, 15
91714	E-1A, 15
91715	E-2A, 15
91716	Code Bar #2A, 23
91717	Code Bar #3A, 23
91718	Code Bar #4A, 23
91719	Code Bar #5A, 23
91739	Insulator, 14
91742	Nut (Special), 13
91750	Cover Front Plate (Assem.) - Black Morocco, 16,28
91751	Copyholder - 6" Black Morocco, 17
91752	Copyholder - 6" - (Assem.) with Accessories - Black Morocco, 17
91758	Name Plate - "15-J Motor Unit", 21
91759	Name Plate - "15-K Motor Unit", 21
91761	Resistor Bracket (with Guard), 12,21
91762	Cable (for A.C. Motor), 18
91763	Cable (for D.C. Motor), 18
91766	Cable Clamp, 10
91767	Cable Clamp, 10
91768	Terminal Strap (3-1/2 Long), 10
91830	Motor Unit (Assem.) (Bell System 15-J), 18
91831	Motor Unit (Assem.) (Bell System 15-K), 18
91943	Terminal Strap (2-5/8 Long), 10,21
92170	Bracket, 23
92216	Filter (Assem.) (W.E. Co. #80-A), 21
92222	Transmitting Contact Filter (Assem.), 21,29
92227	Line Relay Radio Filter (Assem.), 21
92291	Condenser - 1/10 M.F. - W.E. Co. #312-A), 21
92309	Resistor (400 Ohms), 21
92505	Shielding Tube, 21
92511	Roller, 28
92534	Test Key (W.E. Co. #92-AU), 14,28
92747	Bracket, 21
92748	Screw (6-40 x 1-7/16), 21
92749	Wire, 21
92750	Wire, 21
93170	Cover Door (Assem.) - Black Morocco, 16,28
93172	Cover Door (Assem.) - Black Morocco, 16,28
93174	Cover Front Plate (Assem.) - Black Morocco, 16,28
93176	Plate - Black, 16
93177	Plate - Mahogany, 16
93178	Plate - Black Morocco, 16
93179	Cover Front Plate Door - Mahogany (Assem.), 29
93180	Cover Front Plate Door - Mahogany, 29
93181	Cover Front Plate Door - Black Morocco (Assem.), 29
93182	Cover Front Plate Door - Black Morocco, 29
93183	Cover (Assem.) - Black Morocco, 16,28
93754	Function Lever Return Bail, 22
93755	Roller, 22
93756	Housing, 22
93757	Bearing, 22
93758	Washer (Felt), 22
93839	Function Lever Bracket (Assem.), 22,27
93882	Condenser Plate, 21
93883	Condenser (Assem.), 21
93884	Transmitting Contacts Filter (Assem.), 21
94009	Toggle Switch, 11
94015	Clutch Lever Bracket, 2,27
94693	Wick (Felt) (5/16 Long), 3
94694	Button (Felt), 1
94707	Washer (Fibre), 19