

35 KEYBOARD AND BASE FOR KEYBOARD SEND-RECEIVE AND  
RECEIVE-ONLY SETS  
ACTUAL WIRING DIAGRAMS

CONTENTS	PAGE
1. GENERAL .....	1
2. DIAGRAM INDEX (ATTACHMENTS) .	1
1. GENERAL	
1.01 This section is reissued to provide current wiring diagrams for the electrical components installed on the 35 keyboard or base for Send-Receive and Receive-Only Sets.	
1.02 These diagrams show the origin and termination of the various leads as well as the color coding of the leads for each of the components.	
2. DIAGRAM INDEX (ATTACHMENTS)	

1.03 Notes are included on the diagrams to explain the symbols used or to point out certain special conditions that should be observed.

1.04 Functional schematic diagrams for the keyboard will be found in the appropriate section containing the functional diagrams and connecting information for the 35 Keyboard Send-Receive Teletypewriter Set.

1.05 Functional schematic diagrams for the base will be found in the appropriate section containing the functional diagrams and connecting information for the 35 Receive-Only Teletypewriter Set.

TITLE	SHEET NO.	DRAWING NUMBER	WD ISSUE
Model 35 Keyboard LK801 (Bell 35A), LK802 (Bell 35C), LK805, LK807 ATM (Bell 35A-X3), LK807AVJ (Bell 35P), LK808 (Bell 35C-X3), LK809, LK811 (Bell 35L)	1	5812WD	10
Model 35 Base LB800 (Bell 35D), LB801 (Bell 35B), LB802, LB803 (Bell 35M)	1	5857WD	10
Model 35 Keyboard (Wall Mount) LK803 (Bell 35F), LK815	CTRL 1 2	6005WD	3 11 10
Model 35 Keyboard LK804 (Bell 35E)	1	6362WD	9

**5812 WD**

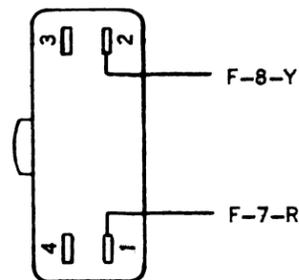
REVISIONS

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B3	2-12-63	75851
B4	3-13-63	76027
5	1-22-65	85364
6	5-19-65	85543
7	6-24-65	87329
8	9-23-66	91149
9	11-25-66	91976-1
10	5-1-67	93362

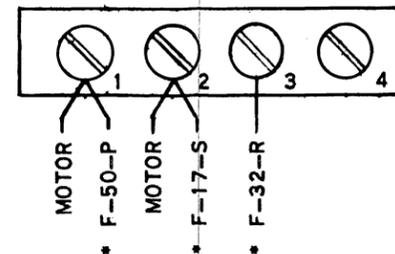
- NO. NOTES
- WIRING LEGEND:
  - COLOR CODE:

BK - BLACK	W-BK - WHITE-BLACK
BR - BROWN	W-BR - WHITE-BROWN
R - RED	W-R - WHITE-RED
O - ORANGE	W-O - WHITE-ORANGE
Y - YELLOW	W-Y - WHITE-YELLOW
G - GREEN	W-G - WHITE-GREEN
BL - BLUE	W-BL - WHITE-BLUE
P - PURPLE	W-P - WHITE-PURPLE
W - WHITE	W-S - WHITE-SLATE
S - SLATE	
  - CONNECTOR VIEWED FROM BOTTOM.
  - \* ASTERISK DENOTES 18 GA. WIRE.
  - THE 195648 STRAP IS NOT PRESENT IN EARLY MANUFACTURED UNITS.
  - THE 192318 STRAP IS PRESENT ONLY ON LK811.

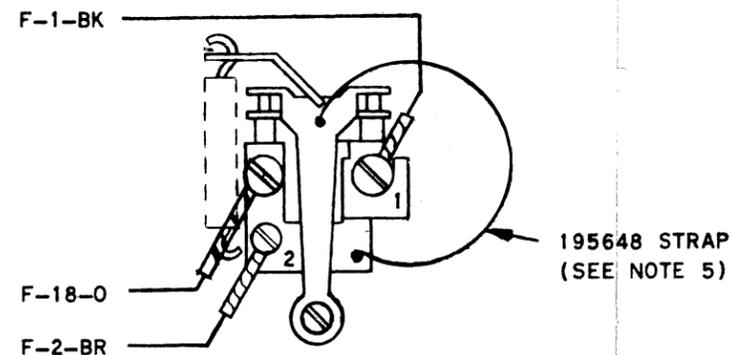
**A**  
158163  
MARGIN  
INDICATOR SWITCH



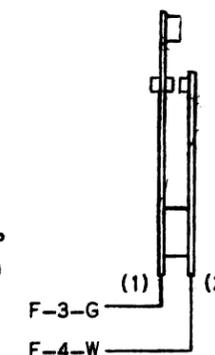
**S**  
151415  
MOTOR TERMINAL BLOCK



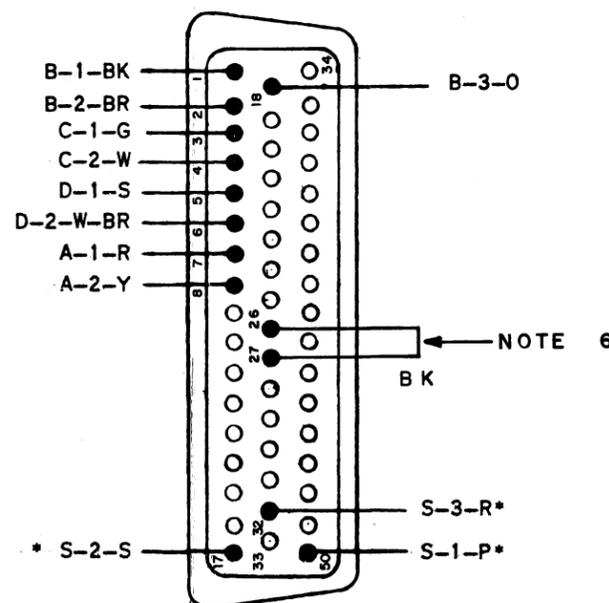
**B**  
176352  
KEYBOARD  
SIGNAL GENERATOR



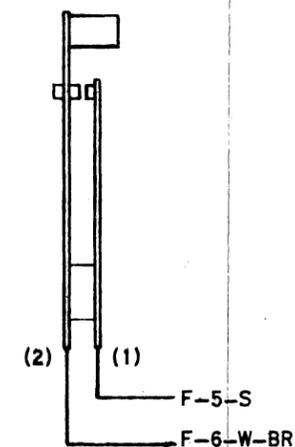
**C** 324010  
192485 OR 319946  
TIMING CONTACT



**F**  
192013  
KEYBOARD CONNECTOR  
(SEE NOTE 3)



**D**  
178144  
KEYBOARD  
UNIVERSAL CONTACT



ACTUAL  
WIRING DIAGRAM  
FOR MODEL 35  
KEYBOARD  
LK801 LK802  
LK805 LK809  
LK807 LK811  
LK808

APPROVALS

D AND R E OF M  
DOR FL HJK

E-NUMBER

PROD. NO. 5812WD

DATE: 3-22-62

P.D. FILE NO. 1-30. 151AA

DRAWN. V.E.S. CHKD. R.E.P.

ENG. W.M.B. APPD. E.W.R.

TELETYPE  
CORPORATION

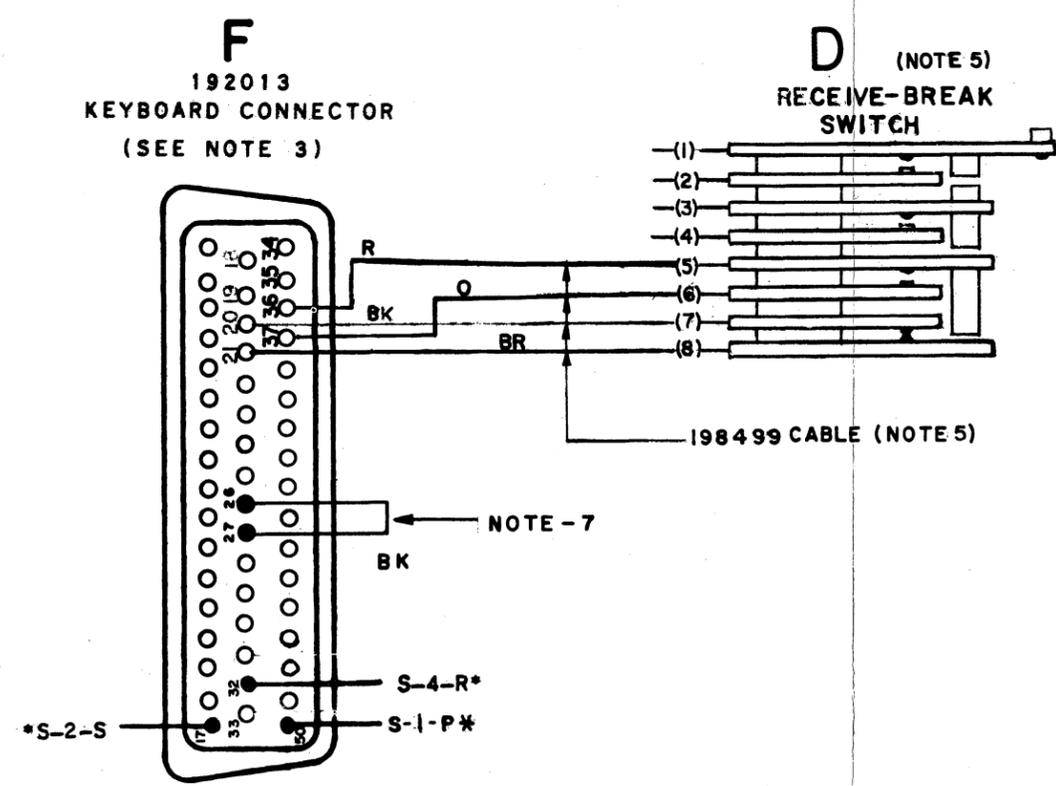
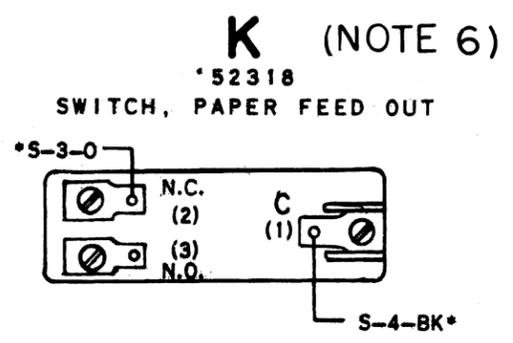
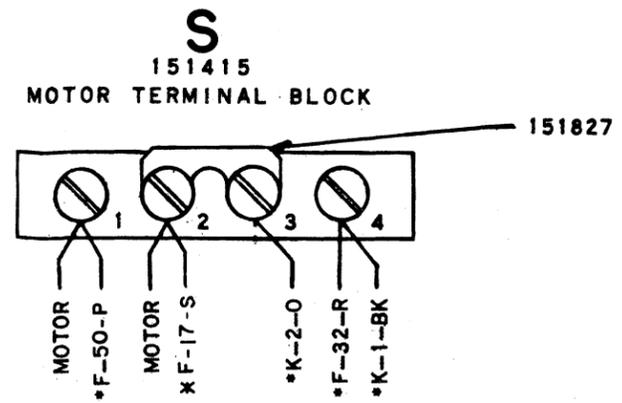
5812 WD

# 5857 WD

## REVISIONS

ISSUE	DATE	AUTH. NO.
A2	9-18-62	74559
B3	11-7-62	75035
C4	12-17-63	79279
D5	1-21-64	79301
E6	4-6-64	80159
F7	7-2-64	80159-1
G8	9-23-66	91149
H9	10-10-66	91488RC
I10	11-30-67	94720-B

- NO. NOTES
1. WIRING LEGEND:
    - DISTANT TERMINATING AREA
    - DISTANT TERMINAL DESIGNATION
    - A-1-W-BL
    - WIRE COLOR CODE
  2. COLOR CODE:
    - BK-BLACK
    - R-RED
    - P-PURPLE
    - S-SLATE
    - O-ORANGE
  3. CONNECTOR VIEWED FROM BOTTOM.
  4. \* ASTERISK DENOTES #18 GA. WIRE.
  5. THE RECEIVE-BREAK SWITCH AND 198499 CABLE ARE PART OF LB802.
  6. THE PAPER FEED-OUT SWITCH IS NOT A PART OF LB802 OR LB803
  7. THE 192318 STRAP IS PRESENT ONLY ON LB803.



ACTUAL  
WIRING DIAGRAM  
FOR MODEL 35  
BASE  
LB800, LB801,  
LB802 & LB803

### APPROVALS

D AND R E OF M  
File: HJK | S

E-NUMBER  
PROD. NO. 5857WD

DATE: 5-18-62  
P.D. FILE NO. 1-30.151AA  
DRAWN. V.E.S. CHKD. R.E.P.  
ENG. W.M.B. APPD. F.W.K.

TELETYPE  
CORPORATION

5857 WD

6005WD

ISSUE CONTROL RECORD

NO.

NOTES

SUPPORTING INFORMATION

CONTENTS

SHEET NO.

ISSUE

REVISIONS APPLYING TO THIS CONTROL RECORD

CATEGORY

NO.

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

ISSUE	DATE	AUTH. NO.
1	3-27-67	93756-RC
2	5-2-67	93362
3	2-7-68	95266

1	X	X	X	X	X	X	X	X	X	X								
2	X	X	X	X	X	X	X	X	X	X								

ISSUE CONTROL SHEET 1 OF 1

ACTUAL WIRING DIAGRAM FOR MODEL 35 KEYBOARD BASE LK803 LK815

(WALL MOUNT)

WD NUMBER	6005WD
DRAWN REG	CHKD. RHH
ENGD. WTC	APPD. TIP

TELETYPE CORPORATION

6005WD

# 6005WD

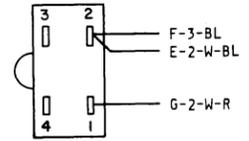
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3	4-19-65	86500
4	6-24-65	87329
5	10-7-65	88785
6	8-24-66	91437
7	11-23-66	91976-1
8	1-25-67	92056
9	3-27-67	93756-RC
10	5-2-67	93362
11	2-7-68	95266

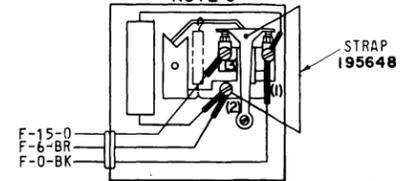
NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS PART OF THIS W.D.

- NO. 1. WIRING LEGEND:  
 DISTANT TERMINATING AREA  
 DISTANT TERMINATING DESIGNATION  
 WIRE COLOR CODE  
 A-2-W
2. COLOR CODE:  
 BK - BLACK P - PURPLE  
 BR - BROWN S - SLATE  
 BL - BLUE W - WHITE  
 O - ORANGE G - GREEN  
 Y - YELLOW R - RED
3. UNIT WIRED FOR 115 VOLTS 60 CYCLE AC POWER INPUT ONLY.
4. CONNECTOR VIEWED FROM SOLDER TERMINAL END.
5. COVER LEADS WITH 155753 INSULATING SLEEVE (15 PLS).
6. TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESES ARE NOT NECESSARILY MARKED ON COMPONENTS.
7. CONTACTS SHOWN IN UNOPERATED OR DE-ENERGIZED POSITIONS.
8. ASSOCIATED CABLES:  
 178504 LAMP HOLDERS AND SWITCH  
 199817 SIGNAL GENERATOR  
 195853 LINE BREAK AND RECEIVE BREAK SWITCHES.
9. THE 154166 ARC SUPPRESSOR MUST BE DISCONNECTED IN SYSTEMS THAT EMPLOY THE 312325 OR 323609 REGENERATOR CARDS.
10. WIRE TO KEYBOARD GROUND SCREW NOT INCLUDED ON SOME SETS.
11. MOTOR GROUND LEAD (GREEN) MUST BE ASSEMBLED TO MOUNTING PLATE USING A SEPARATE GROUND SCREW (TO MEET U.L. REQUIREMENTS)
12. \*DENOTES 18 GA. ALL OTHER WIRE 24 GA. EXCEPT AS NOTED.
13. NETWORK TELETYPE  
 NO. NO. 470 0.11  
 1 153631

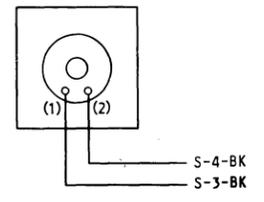
**A**  
158163  
MARGIN INDICATOR SWITCH



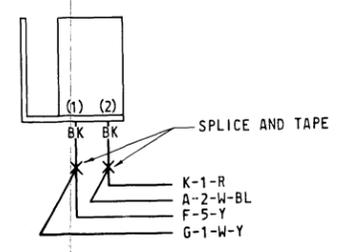
**B**  
197019  
CONTACT BOX ASSEMBLY WITH ARC SUPPRESSION  
NOTE 9



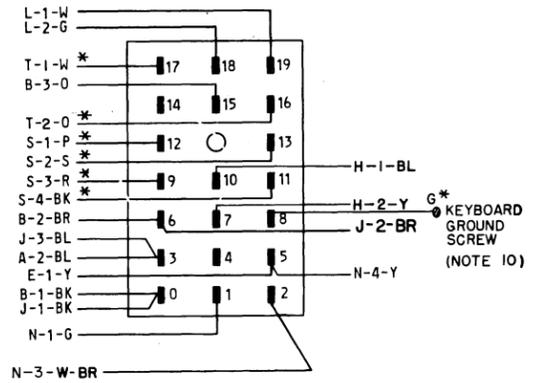
**D**  
SIGNAL BELL



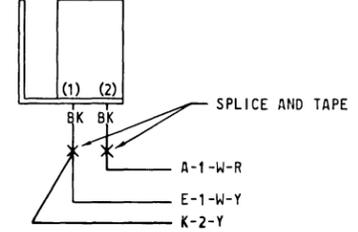
**E**  
COPY LAMP



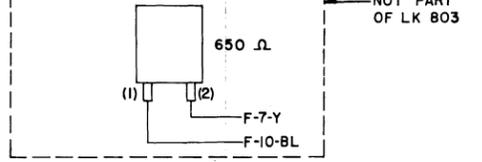
**F**  
152467  
KEYBOARD CONNECTOR PLUG



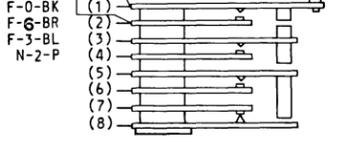
**G**  
MARGIN INDICATOR LAMP



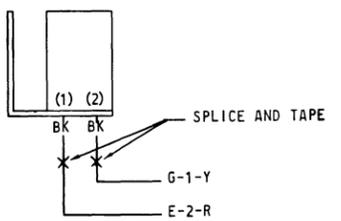
**H**  
124313 KEYBOARD LOCK MAGNET  
(PART OF 315869 MOD. KIT)



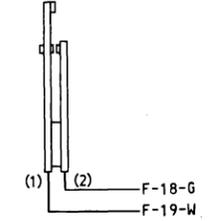
**J**  
158231  
RECEIVE-BREAK SWITCH



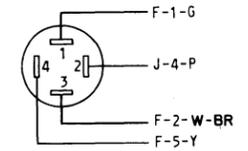
**K**  
COPY LAMP



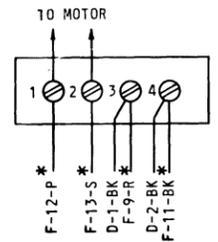
**L**  
324010  
192485 OR 319946  
KEYBOARD  
TIMING CONTACT



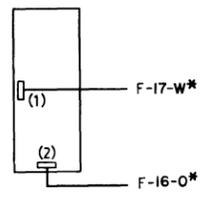
**N**  
304376  
SIGNAL LINE BREAK  
SWITCH



**S**  
MOTOR TERMINAL BLOCK



**T**  
178714  
POWER SWITCH



SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D. SHEET 1

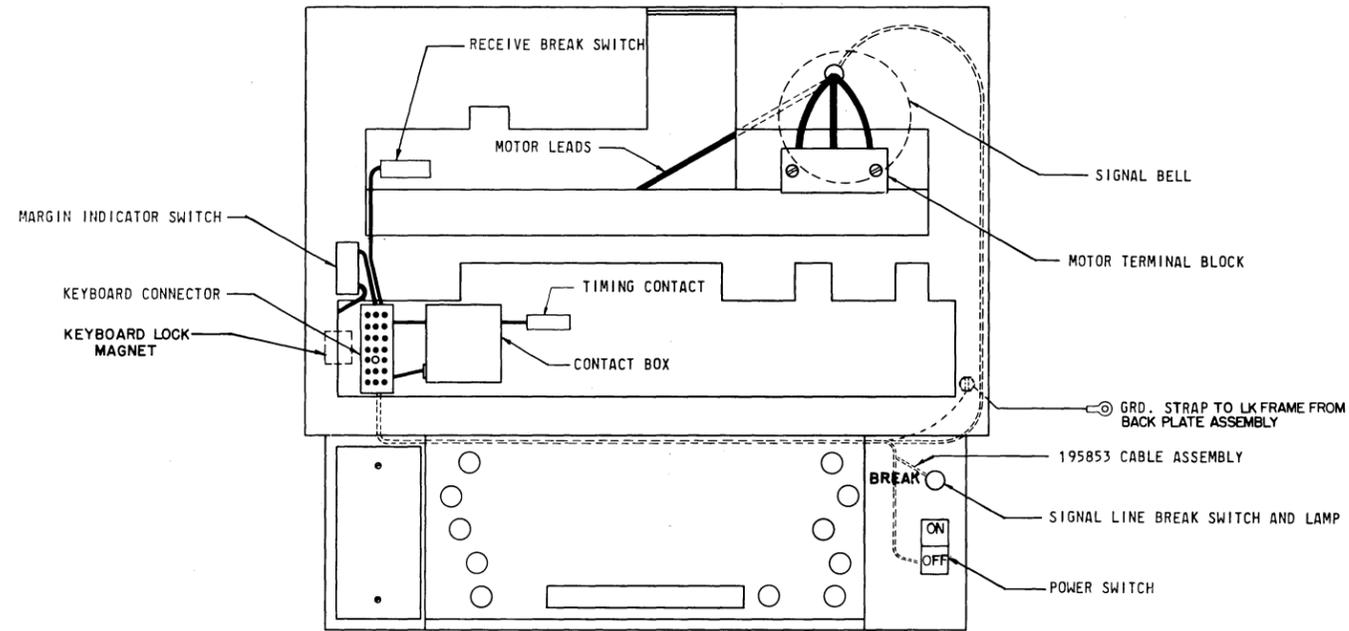
ACTUAL WIRING DIAGRAM FOR MODEL 35 KEYBOARD BASE LK803 LK815 (WALL MOUNT)

APPROVALS  
 D AND R: HJK  
 E OF M: CAJ

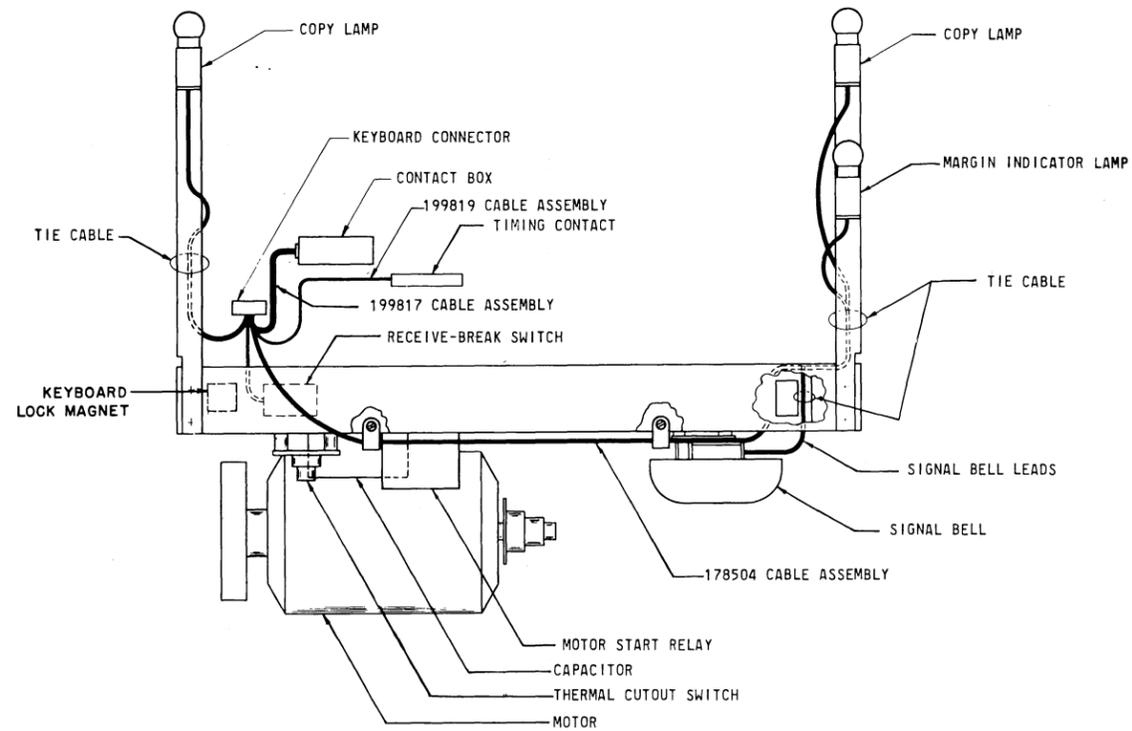
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 PROD. NO. 6005WD  
 DATE 2-5-63  
 P.D. FILE NO. 1-30-15-AAA  
 DRAWN JJK CHKD. EHH  
 ENGD. WTC APPD. TIP

TELETYPE CORPORATION

SEE SHEET 1 FOR NOTES



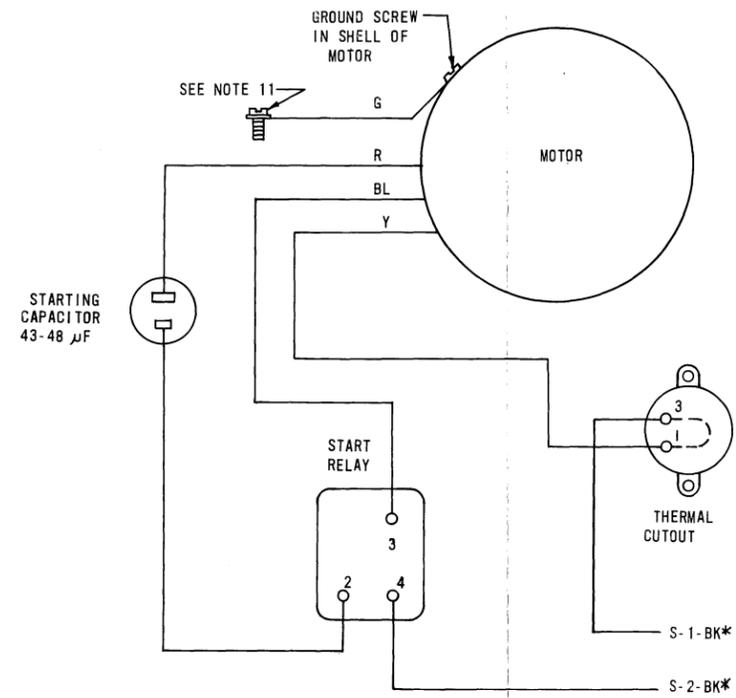
TOP VIEW



FRONT VIEW

NOTE: REVISION INFORMATION MUST ALSO BE REFLECTED ON THE ISSUE CONTROL RECORD, WHICH IS PART OF THIS W.D.

U  
MOTOR  
ASSEMBLY



6005 WD

REVISIONS

ISSUE	DATE	AUTH. NO.
1	6-19-64	15369-R
2	8-10-64	81919
3	4-19-65	86500
4	6-24-65	87329
5	10-7-65	88785
6	8-24-66	91437
7	11-23-66	91976-1
8	1-25-67	92056
9	3-27-67	93756-RC
10	2-7-68	95266

SEE ISSUE CONTROL RECORD FOR COMPLETE LIST OF SHEETS COMPRISING THIS W.D.

SHEET 2

ACTUAL WIRING DIAGRAM FOR MODEL 35 KEYBOARD BASE LK803 L 815 (WALL MOUNT)

APPROVALS

D AND R *HJK* E OF M *CH*

E-NUMBER

PROD. NO. 6005WD

DATE 2-5-63

P.D. FILE NO. 1-30.151AA

DRAWN JJK CHKD. *RHH*

ENGD. WTC APPD. *TIP*

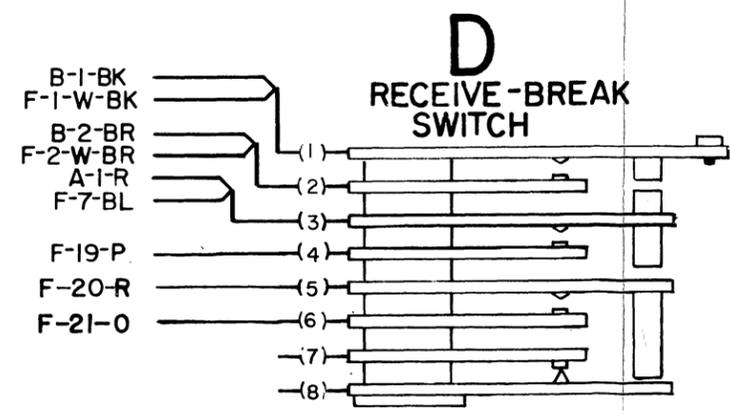
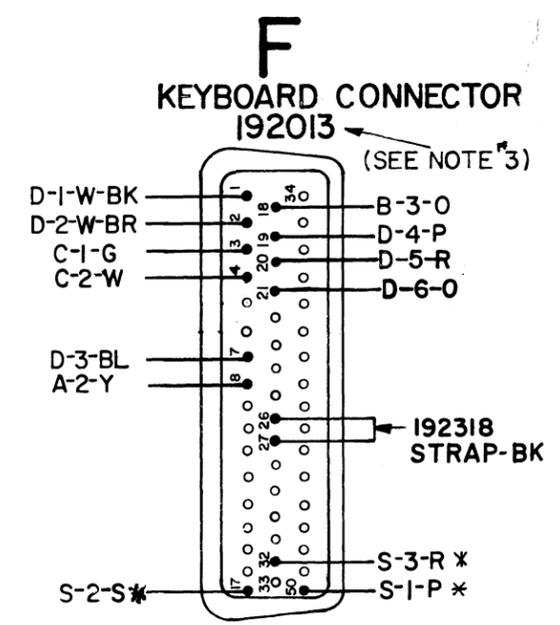
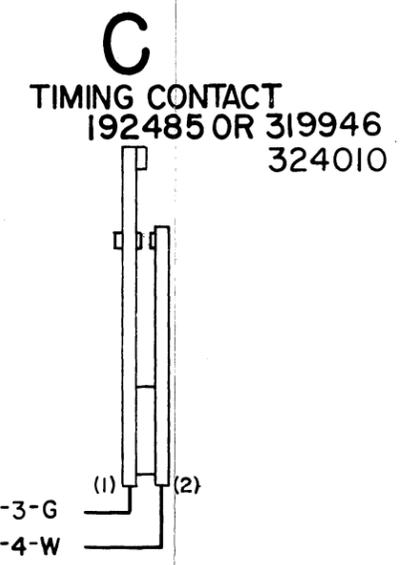
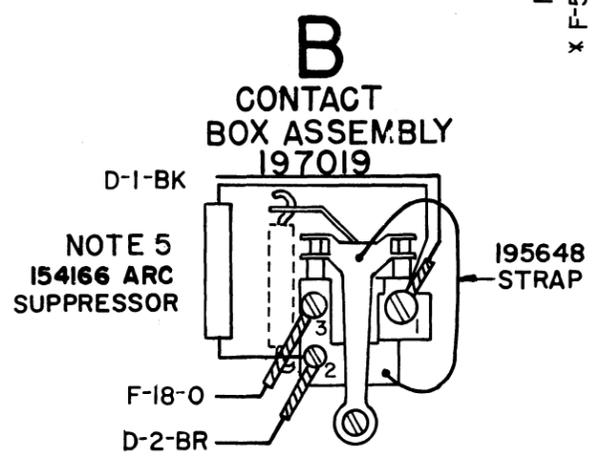
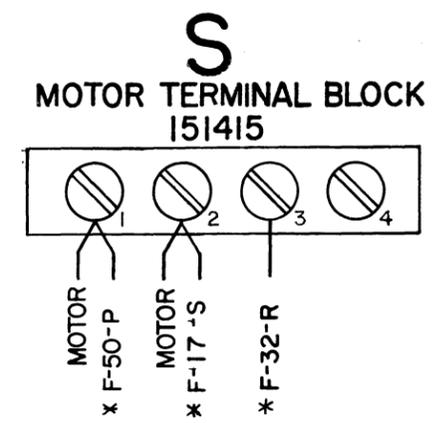
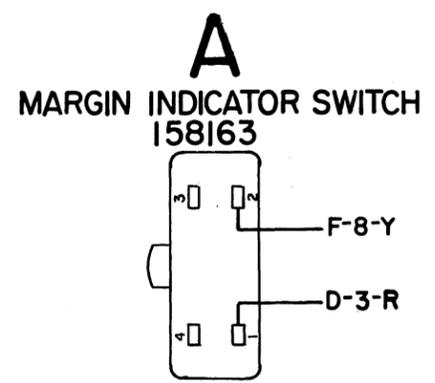
TELETYPE CORPORATION

6005 WD

6362 WD

ISSUE	DATE	AUTH. NO.
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3	2-6-64	79312
4	6-24-65	87329
5	2-16-66	90355-1
6	8-16-66	91444
7	9-19-66	91848
8	10-25-66	91976-1
9	5-1-67	93362

- NO. NOTES
1. WIRING LEGEND
- 
2. COLOR CODE
- |            |                    |
|------------|--------------------|
| BK - BLACK | W-BK - WHITE-BLACK |
| BR - BROWN | W-BR - WHITE-BROWN |
| R - RED    | W-R - WHITE-RED    |
| O - ORANGE | W-O - WHITE-ORANGE |
| Y - YELLOW | W-Y - WHITE-YELLOW |
| G - GREEN  | W-G - WHITE-GREEN  |
| BL - BLUE  | W-BL - WHITE-BLUE  |
| P - PURPLE | W-P - WHITE-PURPLE |
| W - WHITE  | W-S - WHITE-SLATE  |
| S - SLATE  |                    |
3. CONNECTOR VIEWED FROM BOTTOM.
4. \* ASTERISK DENOTES #18 GA. WIRE
5. THE 154166 ARC SUPPRESSOR MUST BE DISCONNECTED IN SYSTEMS THAT EMPLOY THE 312325 OR 323609 REGENERATOR CARDS.



ACTUAL WIRING DIAGRAM FOR MODEL 35 KEYBOARD LK 804

APPROVALS

D AND R	E OF M
---------	--------

E-NUMBER

PROD. NO. 6362 WD

DATE: 3-5-63

P.D. FILE NO. 1-18.151AA

DRAWN. G.R.S. CHKD. [Signature]

ENG'D. W.M.B. APP'D. [Signature]

TELETYPE CORPORATION

9 6362 WD