

DATASPEED TAPE TO TAPE SYSTEM

TYPE 1 AND TYPE 2 SENDER CABINETS AND TAPE READERS

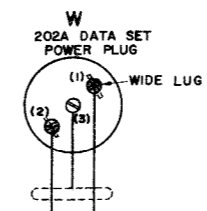
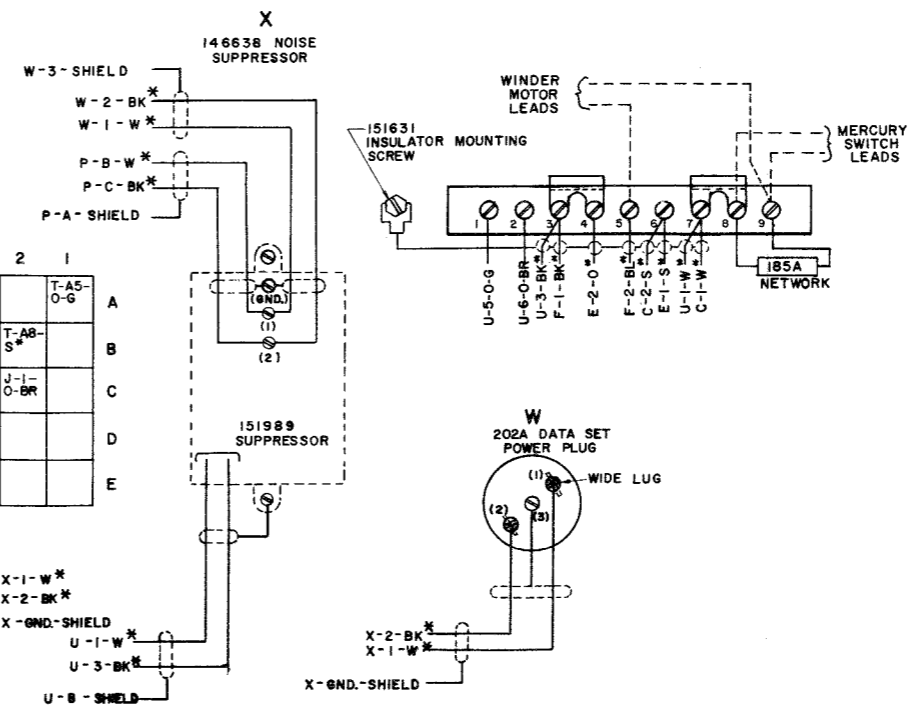
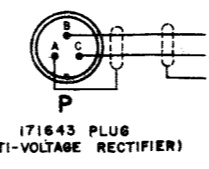
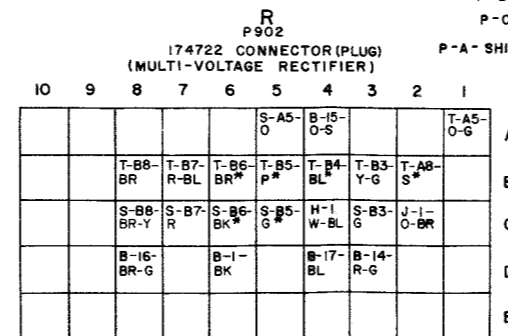
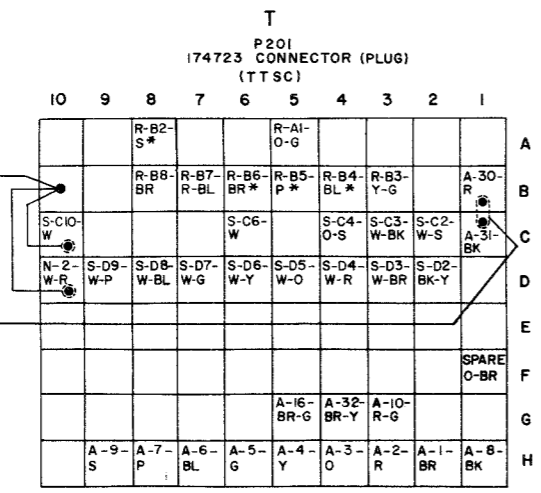
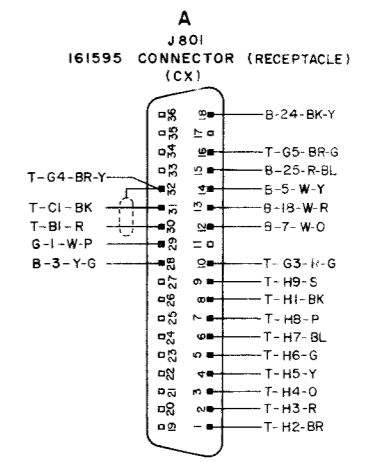
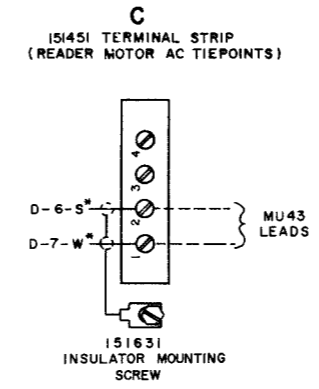
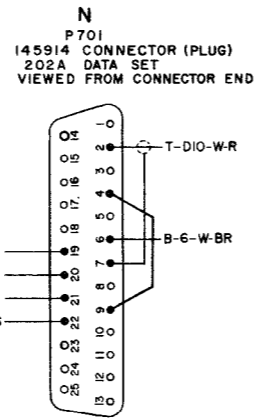
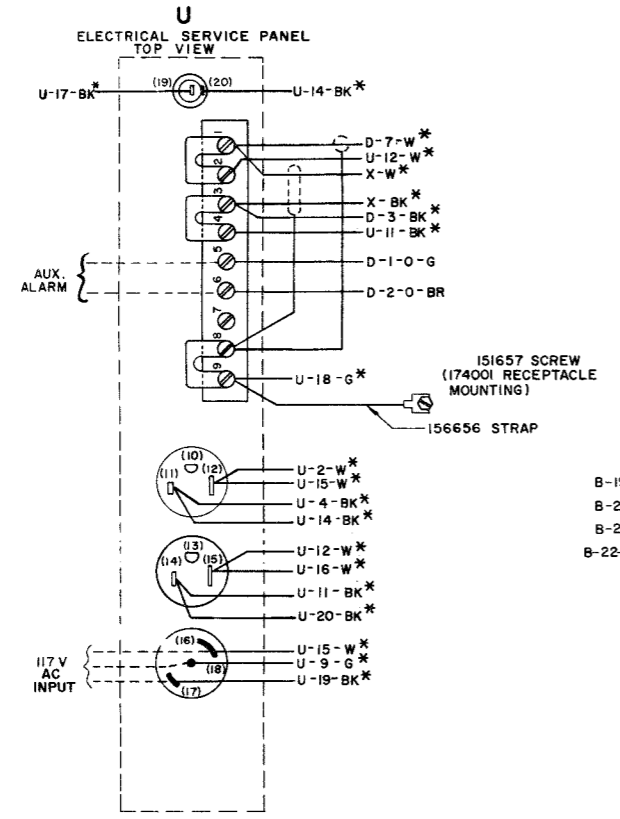
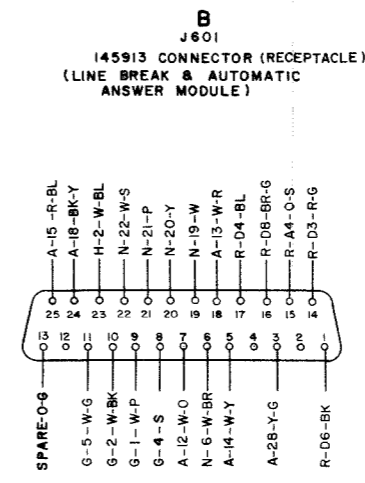
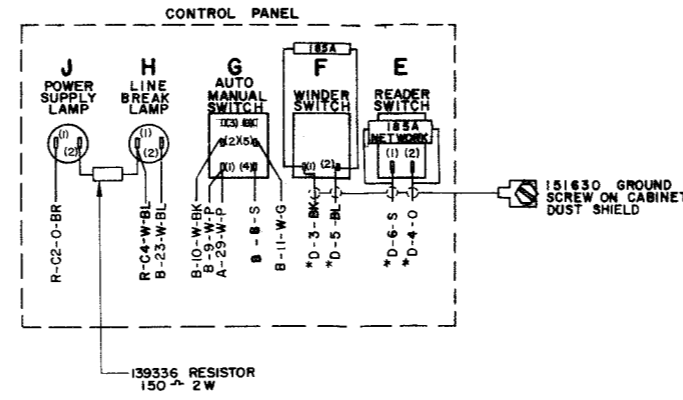
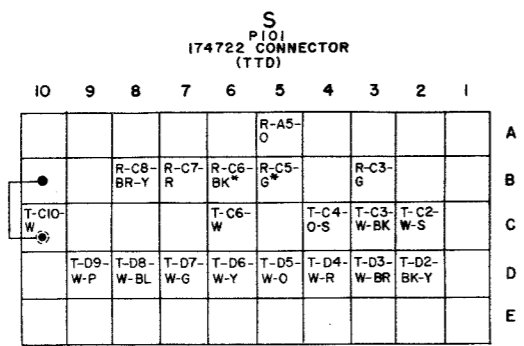
SCHEMATIC AND ACTUAL WIRING DIAGRAMS

CONTENTS	PAGE	
1. GENERAL .....	1	1.02 This section provides wiring information for 1A and 2A sender cabinets and tape readers.
2. INDEX .....	2	1.03 The attached material (Teletype Corporation WD drawings) covers the actual and schematic wiring arrangements for the sender cabinets and tape readers.
1. GENERAL		1.04 For wiring information concerning other component units used with the tape senders, refer to the appropriate Bell System Practice in the 592 division of the Plant Series.
1.01 This section is reissued to omit wiring information for the DATASPEED line break and automatic answer mechanism. This information is now included in Section 592-800-400.		

## 2. INDEX

Subject	Drawing No.	Issue									
		1	2	3	4	5	6	7	8	9	10
Sender Cabinet 1A, actual wiring	4701WD	B	C	G							
Tape Reader 1A, actual wiring	5072WD	2	2	2							
Tape Reader Motor and Base, actual wiring	5073WD	B	B	B							
Sender Cabinet 1A and Tape Reader 1A, schematic wiring	4772WD	B	B	C							
Transmitting Terminal, actual wiring	5940WD			D							
Transmitting Terminal, schematic wiring	5941WD			A							

- NOTES**
1. WIRING LEGEND:  
 ( ) DISTANT TERMINATING AREA  
 T-D9-W-P WIRE COLOR CODE  
 ( ) DISTANT TERMINATING DESIGNATION
  2. USE SLEEVING TO INSULATE WHERE NECESSARY.
  3. ALL CONNECTIONS VIEWED FROM SOLDER END UNLESS OTHERWISE SPECIFIED.
  4. NUMBERS IN ( ) NOT MARKED ON COMPONENTS.
  5. \* DENOTES 18GA WIRE.
  6. \* & # DENOTES SHIELDED WIRE.
  7. FOR SCHEMATIC WIRING DIAGRAM REFER TO 4772WD.
  8. SPARE WIRES TO HAVE 173715 TERMINALS ON DISTANT TERMINATING END - TAPED SEPARATE AND TIE TO CABLE AT 'N' CONNECTOR.



ACTUAL WIRING DIAGRAM FOR AC 296 DATASPEED TRANSMITTING TERMINAL

APPROVALS

R AND D	E OF M
<i>[Signature]</i>	<i>[Signature]</i>

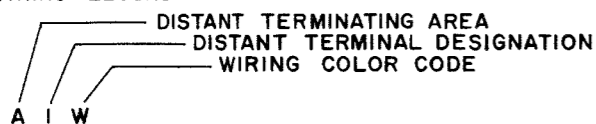
E-NUMBER  
 PROD. NO. 4701 WD  
 DATE:  
 R.D. FILE NO. I-A-146/150  
 DRAWN: *[Signature]* CHKD: *[Signature]*  
 ENGR. *[Signature]* APPR. *[Signature]*

CORPORATION  
 4701 WD

ISSUE	DATE	AUTH. NO.
2	2-23-60	HS 1609

NOTES

I. WIRING LEGEND



2. COLOR CODE

BK	BLACK	W Y	WHITE	YELLOW
BR	BROWN	W G	WHITE	GREEN
R	RED	W BL	WHITE	BLUE
O	ORANGE	W P	WHITE	PURPLE
Y	YELLOW	W S	WHITE	SLATE
G	GREEN	BK R	BLACK	RED
BL	BLUE	BK Y	BLACK	YELLOW
P	PURPLE	BK G	BLACK	GREEN
S	SLATE	R Y	RED	YELLOW
WBK	WHITE BLACK	R G	RED	GREEN
WBR	WHITE BROWN	WBK Y	WHITE BLACK	YELLOW
WR	WHITE RED	WBK G	WHITE BLACK	GREEN
WO	WHITE ORANGE	W R Y	WHITE RED	YELLOW

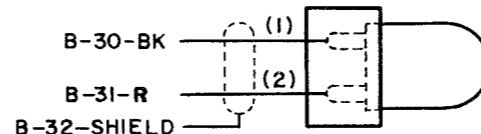
3. CONTACTS SHOWN IN UNOPERATED POSITION.

4. NUMBERS ENCLOSED BY PARENTHESES ( ) ARE USED FOR REFERENCE AND ARE NOT NECESSARILY SHOWN ON THE PARTS.

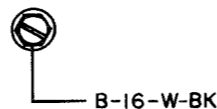
5. STRAP WITH \*22 GAGE WIRE AS INDICATED.

6. (\*) INDICATES ADDITIONAL WIRES IN 171250 CABLE ASSEMBLY.

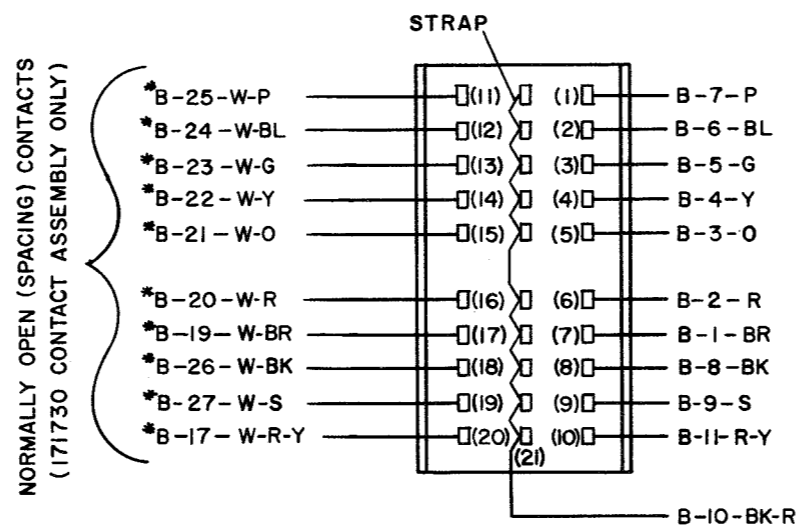
A  
MAGNETIC PICK-UP COIL



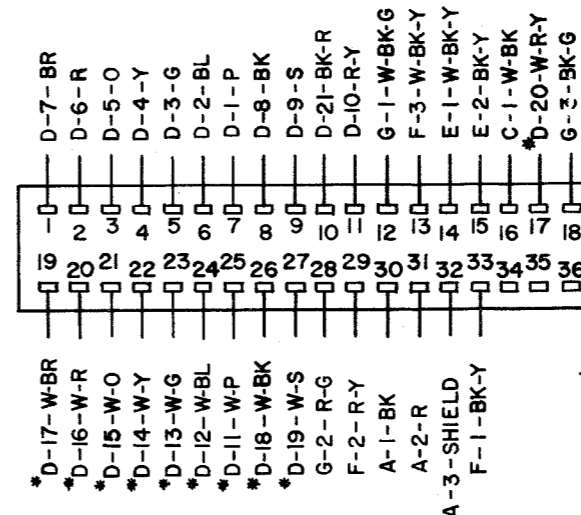
C  
GROUND SCREW



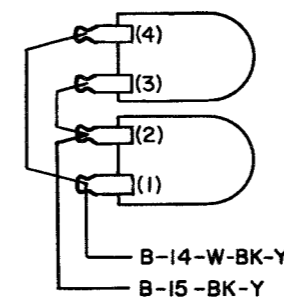
D  
CODE READING CONTACT ASSEMBLY  
(VIEWED FROM SOLDER TERMINAL END)



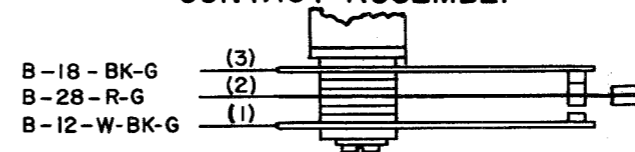
B  
CONNECTOR (PLUG)  
(VIEWED FROM RECEPTACLE END)



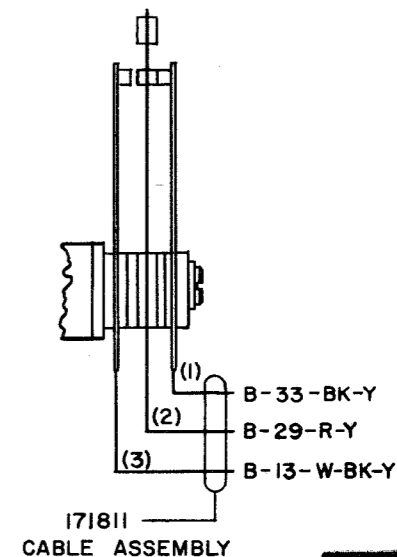
E  
OPERATE MAGNET COILS



G  
START-STOP  
(TIGHT-TAPE)  
CONTACT ASSEMBLY



F  
TAPE-OUT CONTACT ASSEMBLY



ACTUAL  
WIRING DIAGRAM  
CX READER

APPROVALS

D AND R	E OF M
<i>[Signature]</i>	<i>[Signature]</i>

E-NUMBER

PROD. NO. 5072 WD

DATE: 12-20-59

P.D. FILE NO. 3-47.134 AA

DRAWN. R.B.B. CHKD. *[Signature]*

ENGD. J.F.K. APPD. *[Signature]*

TELETYPE CORPORATION

5072WD

NOTES

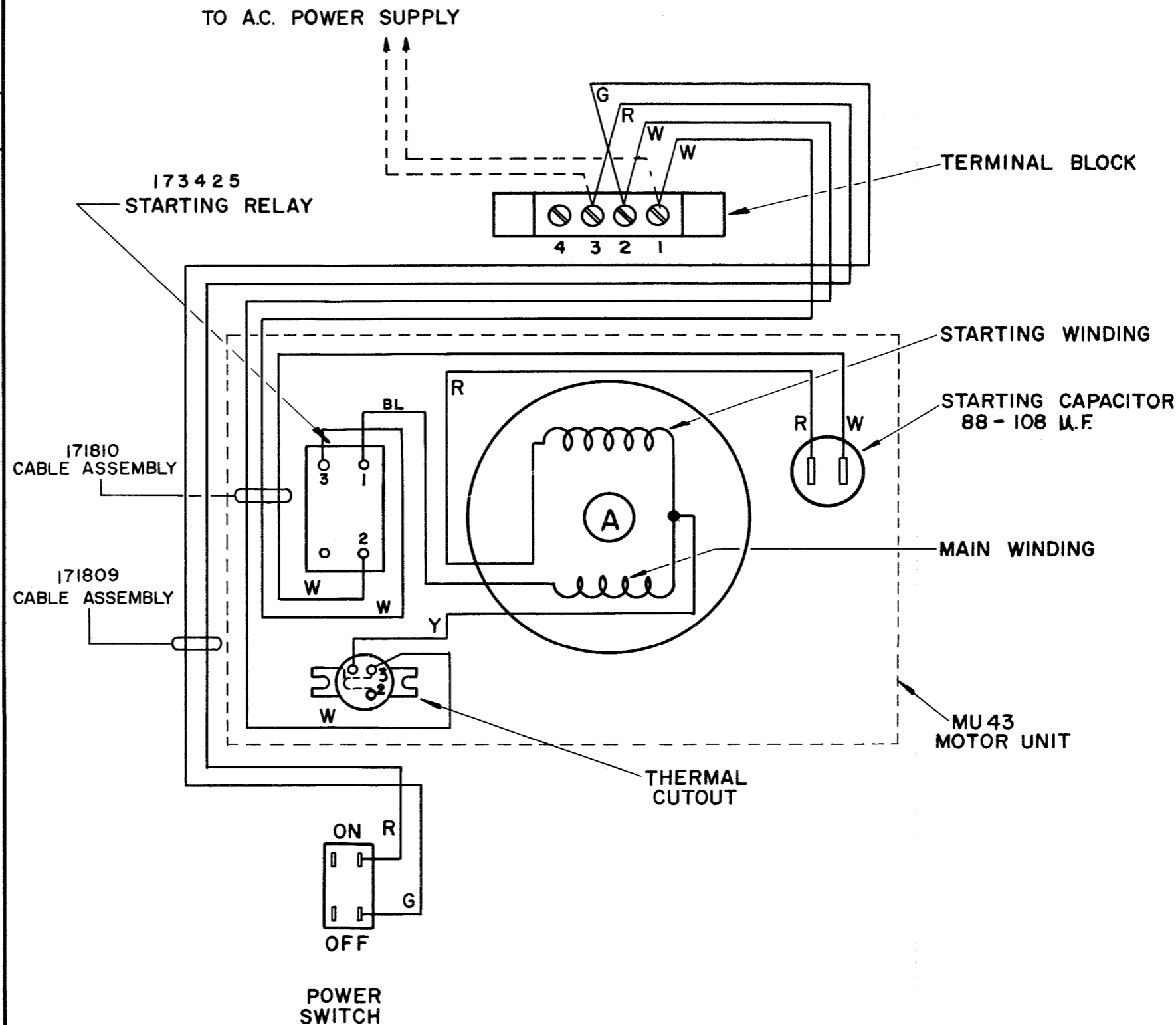
1. WIRE COLOR CODE

- W- WHITE
- BK- BLACK
- R - RED
- Y - YELLOW
- G - GREEN
- BL- BLUE

- 2. CXB-1 INCLUDES \* 171809 CABLE ASSEMBLY
- MU 43 INCLUDES \* 171810 CABLE ASSEMBLY

5073 WD

ISSUE	DATE	AUTH. NO.
A	6-29-60	68316
B	1-20-61	68316#1



ACTUAL WIRING DIAGRAM  
CXB-1 AND  
MU 43 MOTOR UNIT

APPROVALS

D. AND R.	E. OF M.
<i>[Signature]</i>	<i>[Signature]</i>

E-NUMBER

PROD. NO. 5073 WD

DATE: 12-24-59

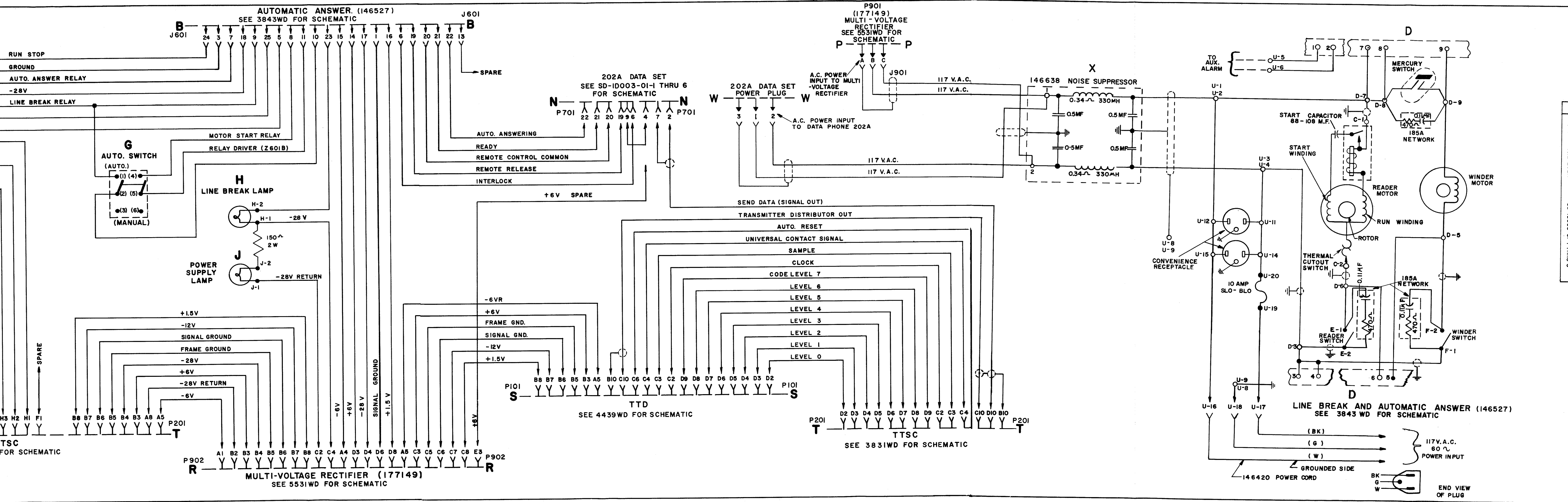
P.D. FILE NO. 1-64/47.134AA

DRAWN. R.B.B. CHKD. W.F.K.

ENGD. J.F.K. APPD. *[Signature]*

TELETYPE CORPORATION

5073 WD



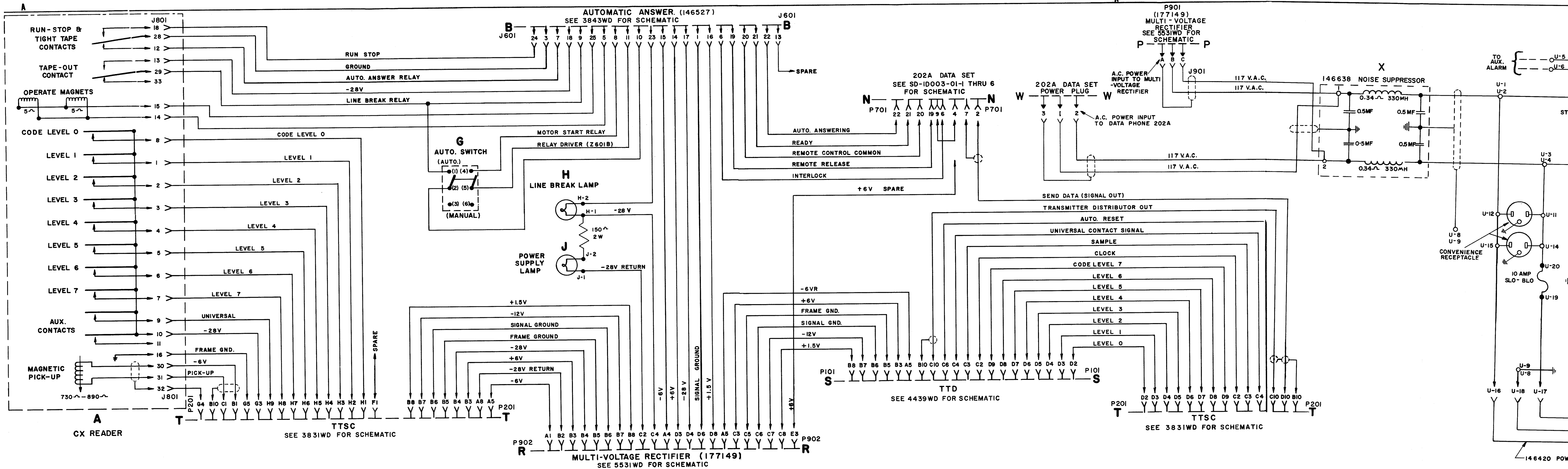
4772 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
A	2-1-62	72326
B	2-9-62	72427
C	1-11-63	75635

NOTES	
1	FOR ACTUAL WIRING DIAGRAM REFER TO 4701WD
2	SPARES TIED TO CABLE AT N CONNECTOR
3	ASSOCIATED UNITS AND W.D.'S SCHEMATIC
	UNIT OR MOD. KIT
	TISC
	TTD
	146527
	177149
	CX READER
	DATA PHONE 202A
	SD-1003-01-1 THRU 6

APPROVALS  
 D AND E OF M  
 E-NUMBER  
 PROD. NO. 4772 WD

SCHMATIC WIRING DIAGRAM FOR DATASPEED TRANSMITTING TERMINAL

DATE: 26-OCT-61  
 P.D. FILE NO.  
 DRAWN: BBA, CHKD.  
 ENGD: APPD.  
**TELETYPE CORPORATION**  
 4772 WD



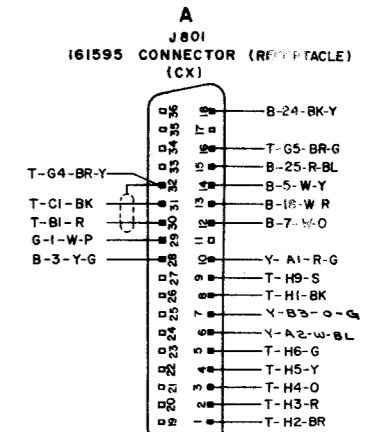
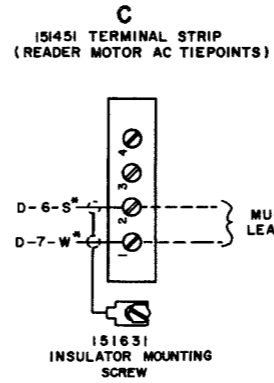
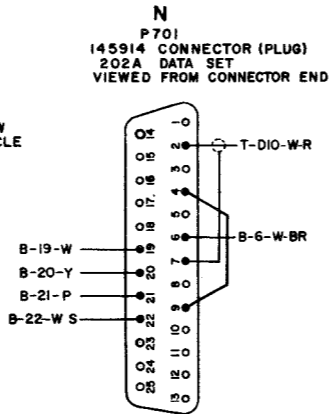
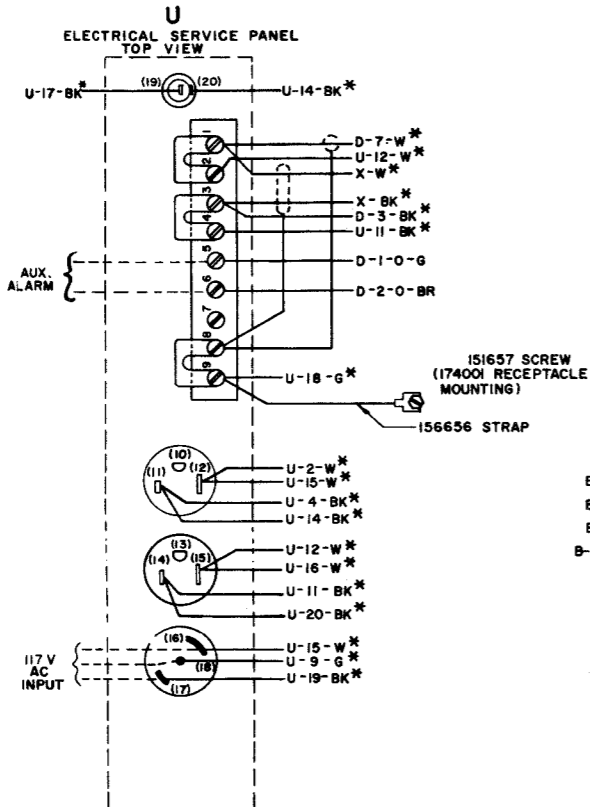
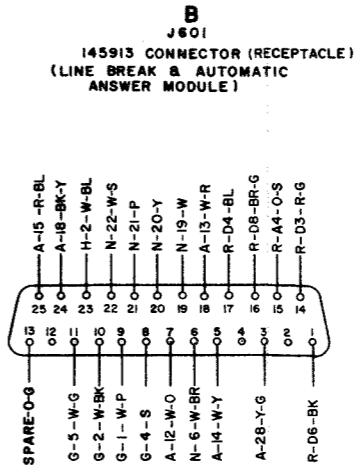
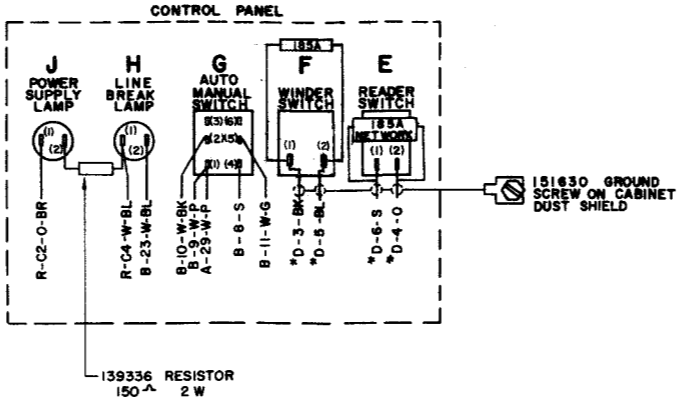
REV.	DATE	AUTH.	NO.
A	1-11-63		75625
B	7-11-63		77228
C	8-21-63		77229-1
D	11-22-63		74324

NOTES

- WIRING LEGEND:  
 DISTANT TERMINATING AREA  
 T-D9-W-P WIRE COLOR CODE  
 DISTANT TERMINATING DESIGNATION
- USE SLEEVING TO INSULATE WHERE NECESSARY.
- ALL CONNECTIONS VIEWED FROM SOLDER END UNLESS OTHERWISE SPECIFIED.
- NUMBERS IN ( ) NOT MARKED ON COMPONENTS.
- \* DENOTES 18GA WIRE.
- ⊠ DENOTES SHIELDED WIRE.
- FOR SCHEMATIC WIRING DIAGRAM REFER TO 5941 WD
- SPARE WIRES TO HAVE 173715 TERMINALS ON DISTANT TERMINATING END - TAPED SEPARATE AND TIE TO CABLE AT N CONNECTOR.

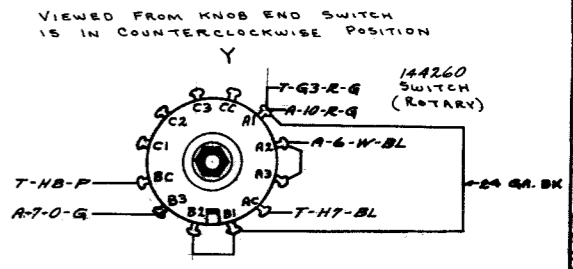
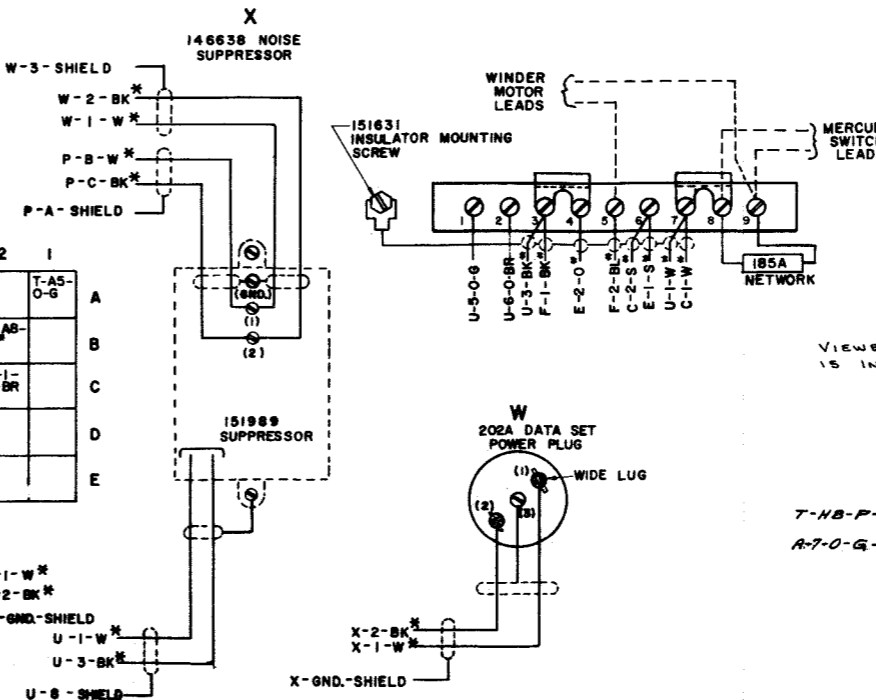
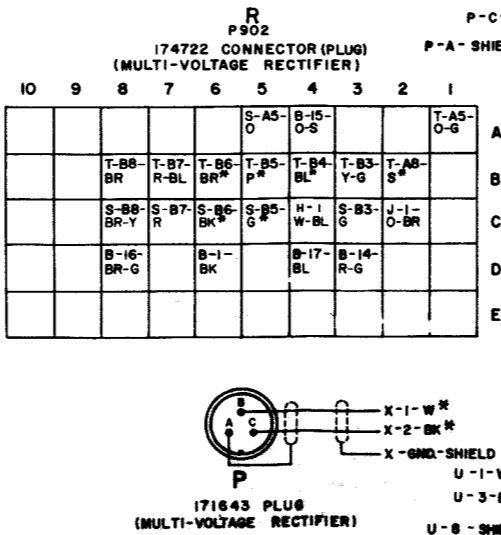
P101  
174722 CONNECTOR (TTD)

10												R-A5-O					
9		R-C8-BR-Y	R-C7-R	R-C6-BK*	R-C5-G*			R-C3-G									
8																	
7																	
6																	
5																	
4																	
3																	
2																	
1																	



T  
P201  
174723 CONNECTOR (PLUG)  
(TTSC)

10																	
9		R-B2-S*	R-B1-O-G	R-B5-P*	R-B4-Y-G	R-B3-Y-G	A-30-R										
8		R-B8-BR	R-B7-BL	R-B6-BR*	S-C6-W	S-C4-O-S	S-C3-W-BK	S-C2-W-S	A-31-BK								
7																	
6																	
5																	
4																	
3																	
2																	
1																	



ACTUAL WIRING DIAGRAM FOR AC 342 DATASPEED TRANSMITTING TERMINAL

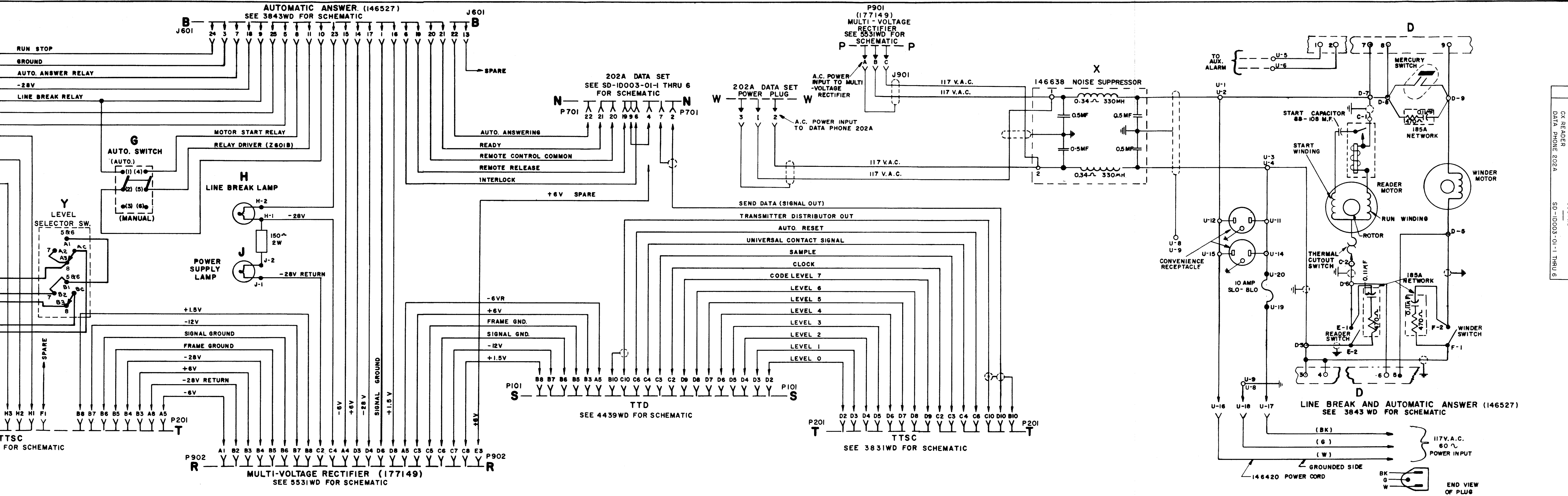
APPROVALS

DATE: 9-26-64

PROJ. NO. 5940WD

5940WD





5941 WD		
REVISIONS		
ISSUE	DATE	AUTH. NO.
A	1-11-63	75635
B		

NOTES		
1	FOR ACTUAL WIRING DIAGRAM REFER TO 5940WD	
2	SPARES TIED TO CABLE AT N CONNECTOR	
3	ASSOCIATED UNITS AND WD'S	
	UNIT OR MOD. KIT	SCHEMATIC
	TTSC	3831WD
	TTD	4439WD
	146527	3843WD
	177149	5531WD
	CX READER	
	DATA PHONE 202A	
	SD-1D003-01-1 THRU 6	

APPROVALS	
D AND R	E OF M

E-NUMBER  
 PROD. NO. 5941 WD

SCHEMATIC  
 WIRING DIAGRAM  
 FOR  
 AC342  
 DATASPEED  
 TRANSMITTING  
 TERMINAL

DATE: 9-26-62  
 P.D. FILE NO. 55.134.322A  
 DRAWN: G.M. CHKD: [Signature]  
 ENGD EHP APPD: [Signature]

TELETYPE  
 CORPORATION  
 5941 WD

