

## 37 TYPING REPERFORATOR

### WIRING DIAGRAMS

#### 1. GENERAL

1.01 This section is issued to provide the actual wiring diagrams for the 37 typing reperforator. Notes included on the diagrams explain the symbols used or point out special conditions that should be observed.

1.02 The wiring diagram index shows a numerical summary of the units and wiring diagrams.

1.03 Schematic wiring diagrams and circuit descriptions that pertain to the typing reperforator can be found in the appropriate BSTSEA (Bell System Teletypewriter Station Engineering Arrangements) plan. Wiring diagrams for the 37 nontyping reperforators are found in Section 574-329-400.

#### 2. WIRING DIAGRAM INDEX

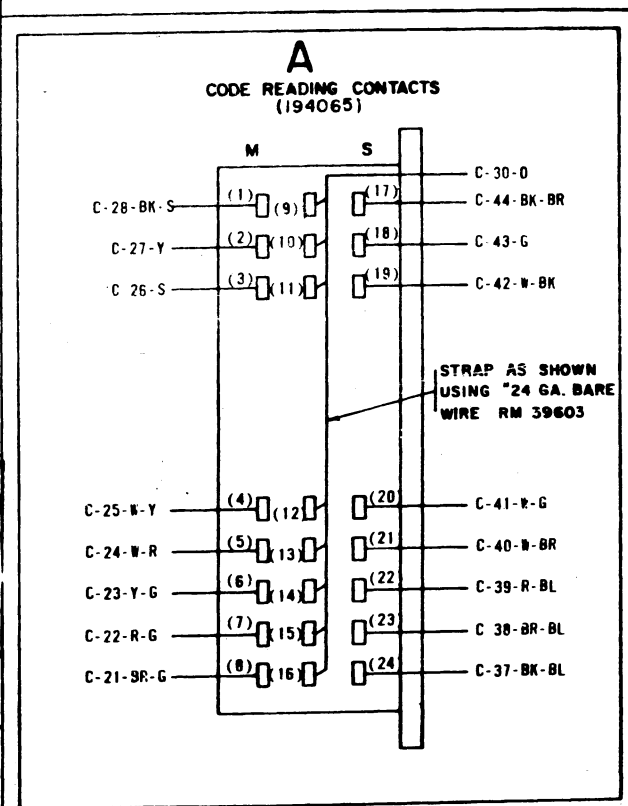
| UNIT | WIRING DIAGRAM |
|------|----------------|
| 800  | 4736WD         |
| 801  | 4736WD         |
| 802  | 4736WD         |
| 803  | 4736WD         |
| 804  | 4736WD         |
| 805  | 9035WD         |

4736 WD

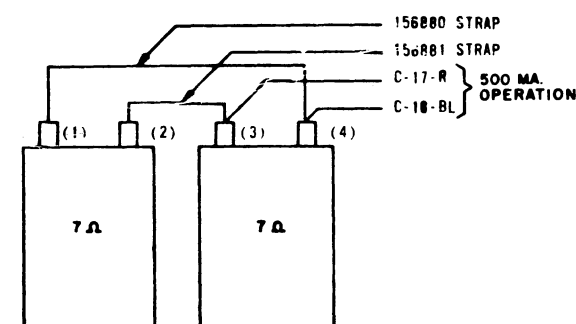
## REVISIONS

| ISSUE | DATE     | AUTH. NO. |
|-------|----------|-----------|
| 1     | 9-26-69  | 19952-R   |
| 2     | 12-17-69 | 99794     |
| 3     | 2-12-70  | 41        |

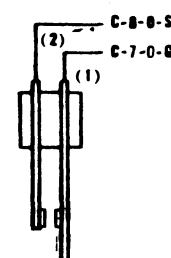
- NO NOTES
1. WIRING LEGEND  
DISTANT TERMINATING AREA  
DISTANT TERMINATING DESIGNATION  
A 1-W-BL  
WIRE COLOR CODE
2. COLOR CODE  
BK - BLACK G - GREEN  
BR - BROWN BL - BLUE  
R - RED P - PURPLE  
O - ORANGE W - WHITE  
Y - YELLOW S - SLATE
3. RECEPTACLE VIEWED FROM TOP
4. CABLE ASSEMBLIES: 336047, 336048  
324239, 324340, 329003, 333168
5. AUX CONTACTS VIEWED FROM TOP  
324225 TWO SETS OF CONTACTS  
324342 FRONT SET OF CONTACTS ONLY.
6. PRINT SUPPRESSION MECHANISM:  
CUT STRAP BETWEEN 3 AND 6 FOR  
SUPPRESSION OF LOWER CASE CHARACTER.  
CUT STRAP BETWEEN 1 AND 4 FOR  
SUPPRESSION OF FUNCTION CHARACTERS.  
TWO COLOR PRINTING MECHANISM:  
CUT STRAP BETWEEN 3 AND 6 FOR  
LOWER CASE PRINTED IN RED CHARACTER.  
CUT STRAP BETWEEN 1 AND 4 FOR  
FUNCTION PRINTED IN RED FIGURES.
7. NOTE:  
ITEMS A, D, E, F, G, H, I, J, K, L  
ARE OPTIONAL FEATURES.
8. THE SPACING (S) SIDE ON THE CODE  
READING CONTACTS ARE NORMALLY CLOSED  
THE MARKING (M) SIDE OF THE CODE  
READING CONTACTS ARE NORMALLY OPEN.
9. ALL CONTACTS SHOWN WITH UNIT IN  
STOP POSITION.



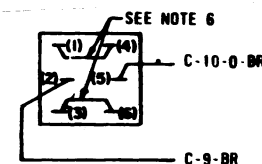
**B**  
SELECTOR MAGNET ASSEMBLY  
(306147)



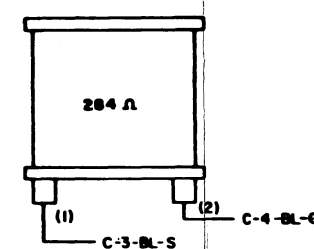
**D**  
CHARACTER RECEIVED  
CONTACTS  
(328300)



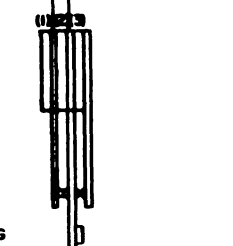
**E**  
PRINT SUPPRESSION  
OR  
TWO COLOR PRINTING  
CONTACTS (324230)



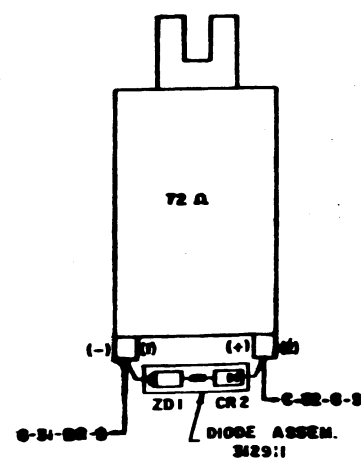
**J**  
FEED OUT MAGNET  
(302 M)



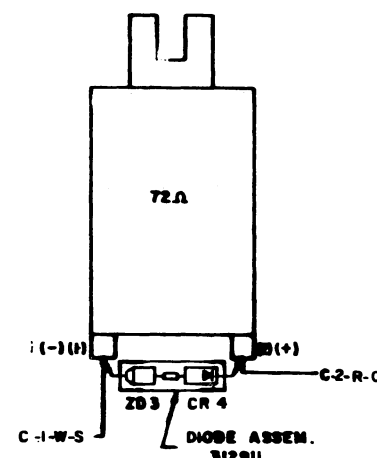
**M**  
RECEIPT CONTACTS  
(329060)



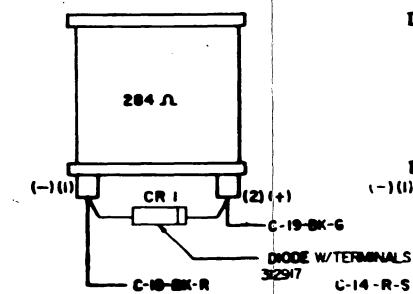
**H**  
TWO COLOR RIBBON  
SOLENOID  
(324299)



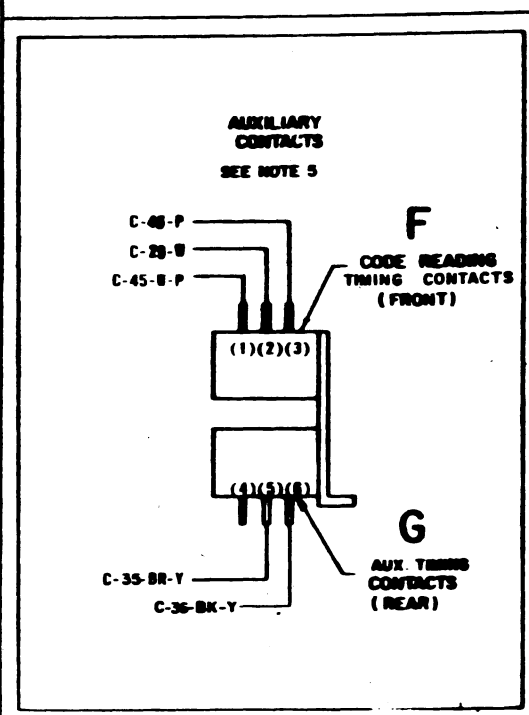
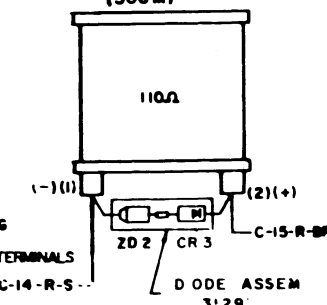
**I**  
LAST CHARACTER  
VISIBILITY  
SOLENOID  
(324221)



**K**  
BACKSPACE MAGNET  
(302 M)



**L**  
PRINT SUPPRESSION  
MAGNET  
(306 M)



ACTUAL  
WIRING DIAGRAM  
FOR  
MODEL 37  
TYPING REPERFORATORS  
YPR 800  
YPR 801  
YPR 802  
YPR 803  
YPR 804

## APPROVALS

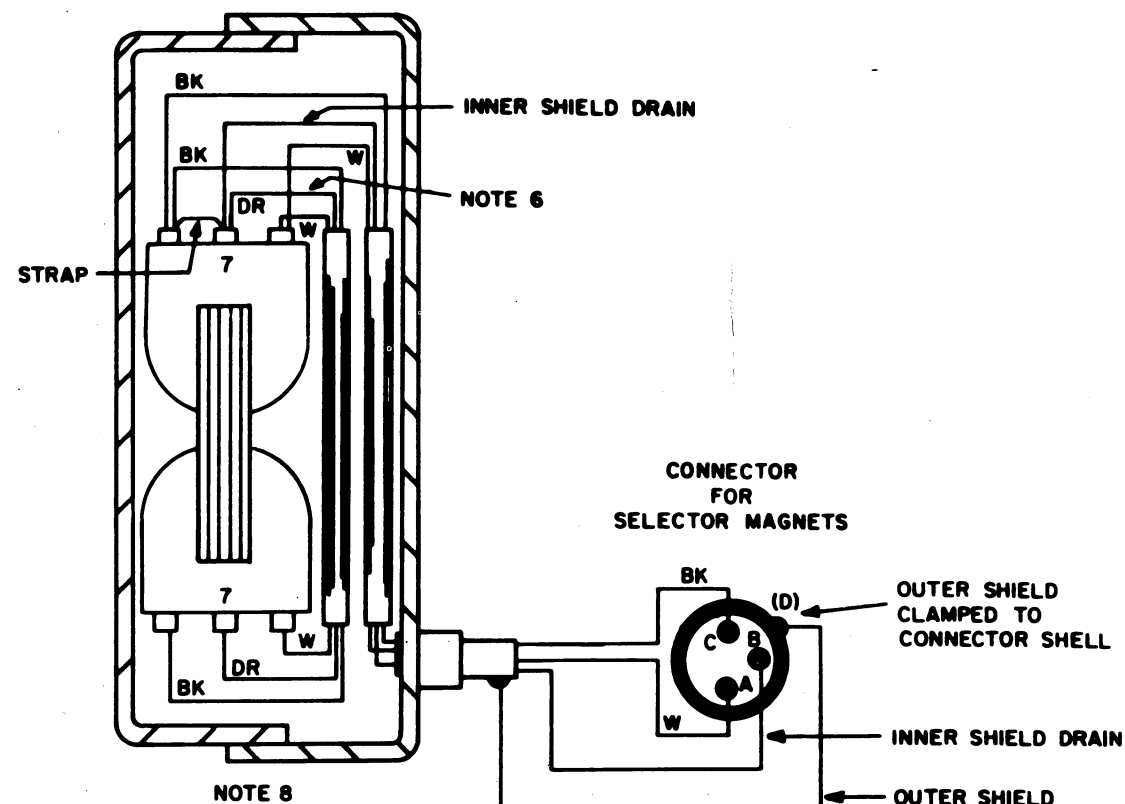
D AND R  
E OF M  
S-NUMBER 61,154 S  
PROD. NO. 4736 WD  
DATE 11-22-67  
P.D. FILE NO. 1-40.364AA  
DRAWN C.E.C. GND  
ENGR. J.V.P. APPE

TELETYPE  
CORPORATION

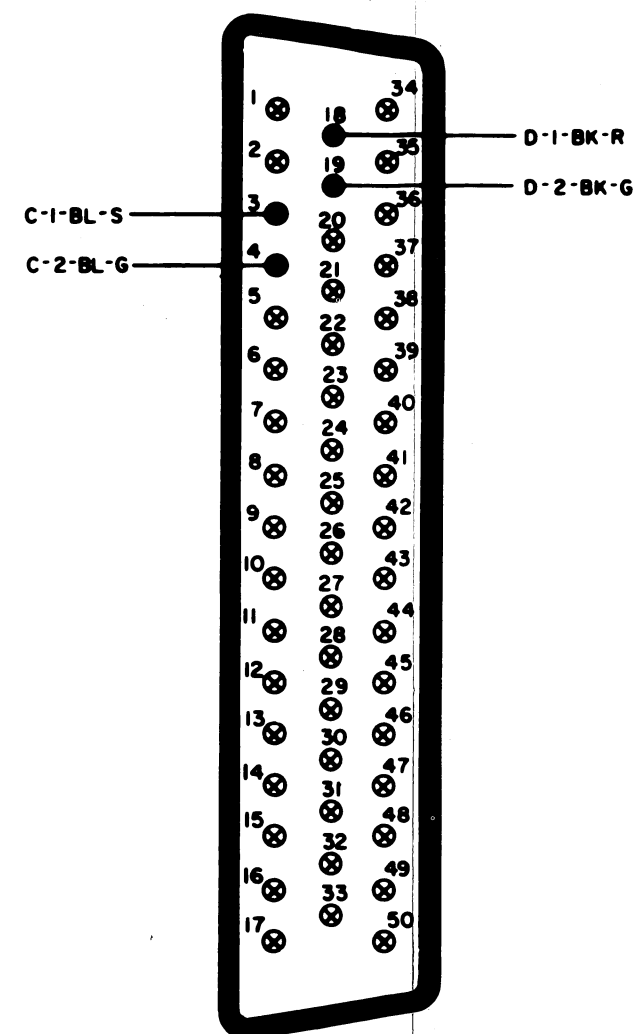
4736 WD

| NO. | NOTES                                                                                                                 |
|-----|-----------------------------------------------------------------------------------------------------------------------|
| 1.  | <b>WIRING LEGEND:</b><br><br>D-1-BK-R                                                                                 |
| 2.  | <b>COLOR CODE:</b><br>W-WHITE<br>BK-BLACK<br>BK-R-BLACK-RED<br>BK-G-BLACK-GREEN<br>BL-S-BLUE-SLATE<br>BL-G-BLUE-GREEN |
| 3.  | TERMINAL DESIGNATIONS ENCLOSED IN PARENTHESIS ARE FOR REFERENCE AND ARE NOT MARKED ON COMPONENT.                      |
| 4.  | ALL WIRE 24AWG. UNLESS OTHERWISE SPECIFIED.                                                                           |
| 5.  | COMPONENT VIEWS SHOWN FROM WIRED SIDE UNLESS OTHERWISE SPECIFIED.                                                     |
| 6.  | LEGEND: DR-SHIELD DRAIN LEAD                                                                                          |
| 7.  | RESISTANCE VALUES IN OHMS                                                                                             |
| 8.  | SELECTOR MAGNETS WIRED IN PARALLEL FOR 500MA OPERATION.                                                               |
| 9.  | 312917 DIODE                                                                                                          |
| 10. | ASSOCIATED CABLE: 328525                                                                                              |
| 11. | CONNECTOR MOUNTED TOWARD MAIN SHAFT.                                                                                  |

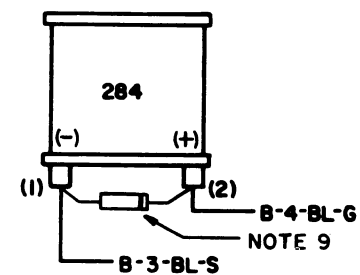
**A**  
SELECTOR MAGNETS



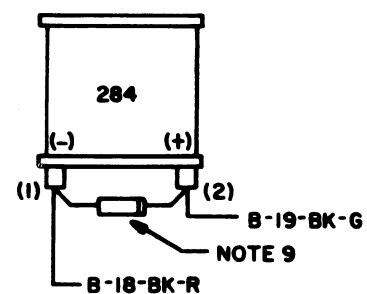
**B**  
REPERFORATOR CONNECTOR



**C**  
FEED OUT MAGNET



**D**  
BACKSPACE MAGNET



**REVISIONS**

| ISSUE | DATE    | AUTH. NO. |
|-------|---------|-----------|
| 1     | 5-29-70 | 20901-R   |
|       |         |           |
|       |         |           |
|       |         |           |

WIRING DIAGRAM  
FOR MODEL 37  
TYPING  
REPERFORATOR  
YPR805

**APPROVALS**

|             |                 |                  |
|-------------|-----------------|------------------|
| PROJ. SUPV. | PROJ. DIR.      | MFG. REL. COMPL. |
| ENGR. HAK   | DSGWR.          |                  |
| DRN. JWM    | DATE 1-27-70    |                  |
| R & D FILE  | 1-65.354 AA     |                  |
| S-NUMBER    | 61,154S 61,760S |                  |



**9035WD**