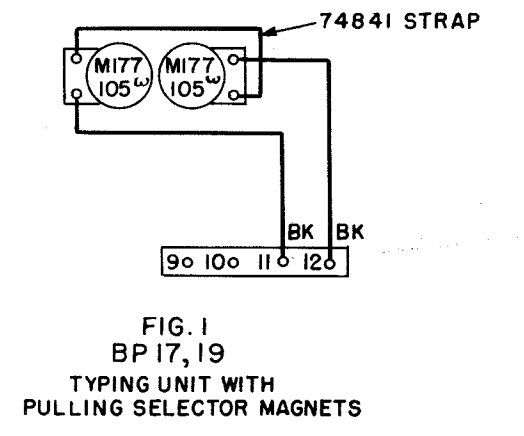
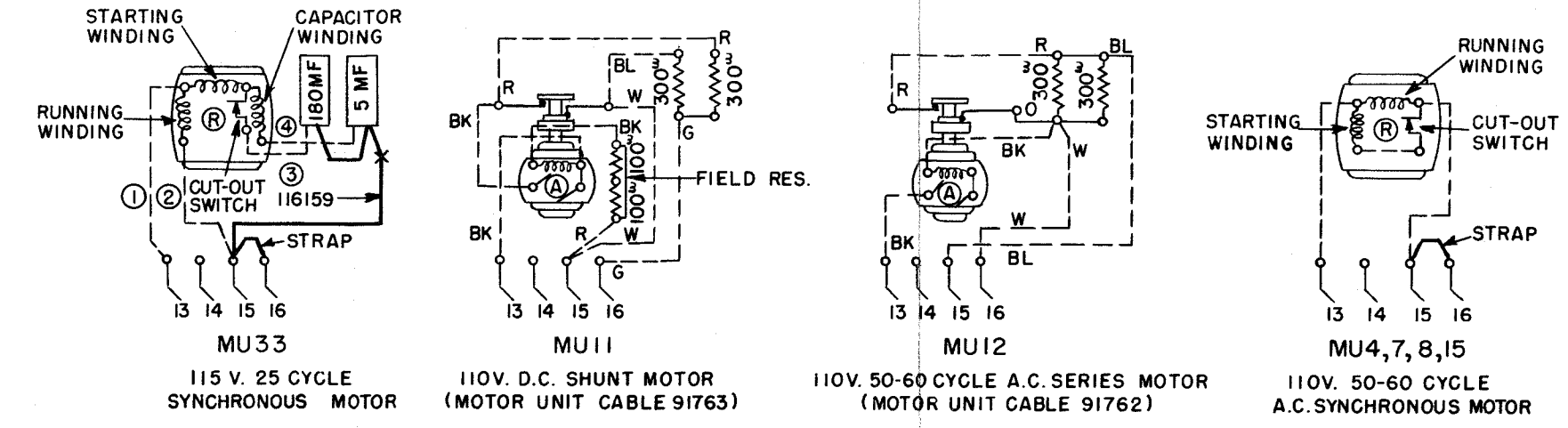
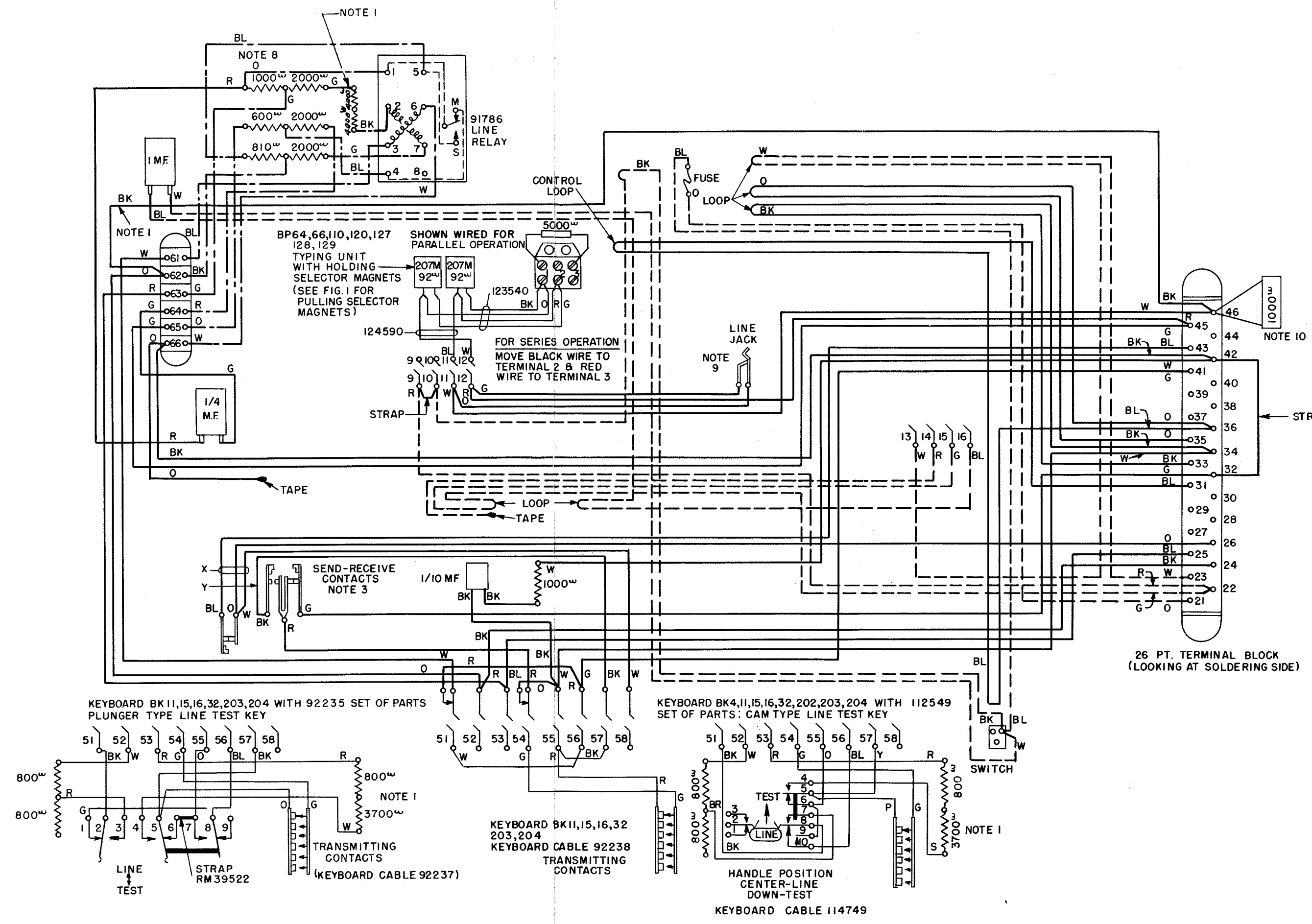


- NO. 1. BASE WIRING AS SHIPPED IS ARRANGED FOR USE WITH LINE RELAY AND .020 AMP. LINE CURRENT. CHANGES REQUIRED FOR OTHER OPERATING CONDITIONS ARE SHOWN BELOW. SUFFICIENT RESISTANCE MUST BE PROVIDED IN THE LINE CIRCUIT TO REDUCE THE LINE CURRENT TO THE PROPER VALUE.
- | LINE CURRENT | WIRING REQUIREMENTS | | | |
|--------------|---|---|--|---|
| | BASE | TYPING UNITS | | KEYBOARD |
| .060 AMP. | 1. WITH RY28 (215H) OR RY30 (255A) LINE RELAY WIRING AS SHOWN EXCEPT 800Ω BIAS RESISTOR NOT IN CIRCUIT. (MOVE GREEN WIRE FROM END SHOWN TO OPPOSITE END OF 800Ω RESISTOR) | WITH PULLING MAGNET SEL. WIRING AS SHOWN FIG. 1 | WITH HOLDING MAGNET SEL. WIRING AS SHOWN MAGNETS IN PARALLEL | WITH LINE TEST KEY & 3700Ω-800Ω RES. WIRED WITH 800Ω RESISTANCE INSTEAD OF 4500Ω IN CIRCUIT |
| | 2. WITHOUT LINE RELAY-SAME AS NO. 4 | SAME AS NO. 1 | SAME AS NO. 1 | SAME AS NO. 1 |
| .020 AMP. | 3. WITH RY30 (255A) LINE RELAY, WIRING AS SHOWN, WITH 800Ω BIAS RESISTOR IN CIRCUIT | SAME AS NO. 1 | WIRING AS SHOWN MAGNETS IN PARALLEL | 3700Ω-800Ω RESISTOR WIRED AS SHOWN WITH 4500Ω RESISTANCE IN CIRCUIT. |
| | 4. WITHOUT LINE RELAY MOVE BLACK WIRE FROM TERM. 62 TO 61. MOVE GREEN WIRE FROM TERM. 65 TO 66. FROM TERM. 61 DISCONNECT AND TAPE THE BLUE WIRE GOING TO TERM. 3 OF LINE RELAY. | CANNOT BE USED. | MAGNETS IN SERIES | SAME AS NO. 3 |
- RY28 RELAY (W.E. 215H) 85 OHMS PER WINDING (FOR .060 AMP. SIGNALING ONLY.)
RY30 RELAY (W.E. 255A) 136 OHMS PER WINDING (FOR .060 OR .020 AMP. SIGNALING)
 - TO DISABLE SEND-RECEIVE BREAK MECHANISM: 1. REMOVE ALL WIRES 2. SPLICE & TAPE WIRES MARKED "x" 3. TAPE WIRE MARKED "y" 4. SPLICE AND TAPE WIRES MARKED "z"
 - RECOMMENDED FUSETRON OR FUSTAT (AND ALTERNATE FUSE) PROTECTION.
- | MOTOR | FUSETRON OR FUSTAT | FUSE |
|--------------------------|--------------------|--------|
| 110V. A.C.-60 CYCLE SYN. | 3.2 AMP. | 6 AMP. |
| 110V. A.C.-25 CYCLE SYN. | 1.6 AMP. | 3 AMP. |
| 110V. A.C.-60 CYCLE GOV. | 1.6 AMP. | 3 AMP. |
| 110V. D.C. GOV. | .8 AMP. | 3 AMP. |
- WHEN A.C. SERIES MOTOR IS TO BE USED ON 25 CYCLE POWER SUPPLY, A 25 OHM RESISTOR SHOULD BE CONNECTED IN SERIES WITH ONE OF THE POWER LEADS.
 - ASSOCIATED CABLES
- | | |
|-------------------------------------|-----------------------|
| 91769 BASE (POWER) | 114749 KEYBOARD |
| 91770 BASE (LINE) | 91762 A.C. MOTOR UNIT |
| 91789 LINE RELAY UNIT | 91763 D.C. MOTOR UNIT |
| 124590 TYPING UNIT (HOLDING MAGNET) | 91768 STRAP |
| 74625 TYPING UNIT (PULLING MAGNET) | 116159 STRAP |
| 92237 KEYBOARD | 123540 CABLE ASSEM. |
| 92238 KEYBOARD | RM39522 STRAP |
- AJAX ALL TAPED ENDS X DENOTES SPLICE AND TAPE
- WIRE COLOR CODE AND SYMBOLS MAY BE SOLID COLOR OR TRACERS IN WHITE WIRE
- | | | |
|---------------------------------|----------|----------|
| Y YELLOW | W WHITE | BK BLACK |
| G GREEN | O ORANGE | BL BLUE |
| BR BROWN | S SLATE | |
| P PURPLE (RED AND BLUE TRACERS) | R RED | |
- COVER LEADS AT LINE RELAY RESISTOR TERMINALS WITH HIGH TEMPERATURE TUBING 60278 RM
 - LINE JACK IS OPEN WHEN PRINTER IS IN POSITION.
 - CONNECT ONE OF THE 1000 OHM RESISTOR LEADS TO TERMINAL 45 WHEN IT IS NECESSARY TO REDUCE THE NEGATIVE INTERNAL BIAS OF HOLDING MAGNET TYPE PRINTERS WITH THE SELECTOR COILS CONNECTED IN PARALLEL.



REVISIONS
F 11-27-53 53813

2437 WD
4-29-46

WIRING DIAGRAM
MODEL 15
PRINTER

BB 73
BP 64, 66, 110, 120, 127, 128, 129, 17, 19
BK 4, 11, 15, 16, 32, 202, 203, 204,
MU 4, 7, 8, 11, 12, 15, 33

DRAWN: G.A.R.	APPROVED: RT. A. 52
ENG'R'D: E.P.N.	CHECKED: R.W.D.
FILE: 33-64.8AA	

TELETYPE CORPORATION