

PAPER WINDERS - 15 TYPE

WIRING DIAGRAMS

1. GENERAL

1.01 This section gives the wiring arrangements for the 15-type paper winder used with a 15-type teletypewriter cover or a 28 teletypewriter cabinet. The section also gives the wiring instructions for certain modification kits that adapt the winder for specific purposes.

2. WIRING ARRANGEMENTS

A. On a 15 Teletypewriter Cover

2.01 The power cord with receptacle should be connected to terminals 22 and 23 of the 15 teletypewriter base, and, if the paper winder is equipped with a universal motor, the proper strap should be removed from the motor resistors as shown in Figure 1. (See Figures 1 and 2.)

2.02 Figure 3 shows the circuit schematic for the 25-cycle, 110-volt ac or 110-volt dc series motor.

2.03 Figure 4 shows the circuit schematic for the 60-cycle, 110-volt ac synchronous motor arranged for clockwise or counterclockwise direction of rotation.

B. On a 28 Teletypewriter Cabinet

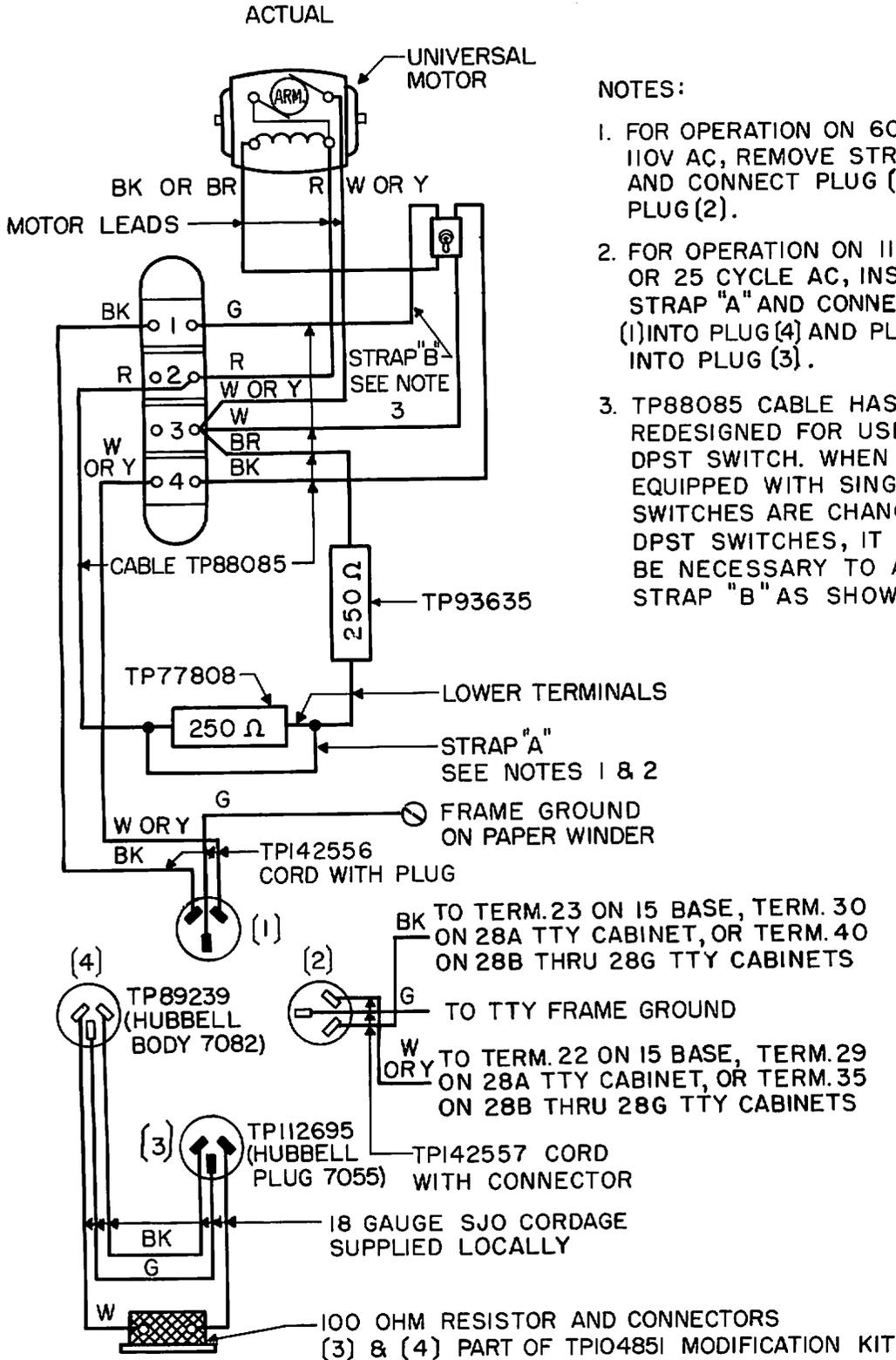
2.04 Wiring of the TP153901 Modification Kit: Connect the terminal lugs as follows.

(a) On the 28A teletypewriter cabinet, (MD), connect the terminal lugs to cabinet terminals 29 and 30.

(b) On 28 teletypewriter cabinets other than the 28A cabinet, connect the terminal lugs to cabinet terminals 35 and 40. (See Figures 1 and 2.)

C. TP104851 Modification Kit (100-ohm Resistor)

2.05 The resistor should be connected in series with one of the power leads of the paper winder as shown in Figure 1. Wherever the outer insulation of the cordage has to be skinned away, the conductors should be taped with electrical insulating tape. (See Figure 1.)



NOTES:

1. FOR OPERATION ON 60 CYCLE 110V AC, REMOVE STRAP "A" AND CONNECT PLUG (1) INTO PLUG (2).
2. FOR OPERATION ON 110V DC OR 25 CYCLE AC, INSTALL STRAP "A" AND CONNECT PLUG (1) INTO PLUG (4) AND PLUG (2) INTO PLUG (3).
3. TP88085 CABLE HAS BEEN REDESIGNED FOR USE WITH DPST SWITCH. WHEN UNITS EQUIPPED WITH SINGLE POLE SWITCHES ARE CHANGED TO DPST SWITCHES, IT MAY BE NECESSARY TO ADD STRAP "B" AS SHOWN.

Figure 1 - Universal (Series) Motor

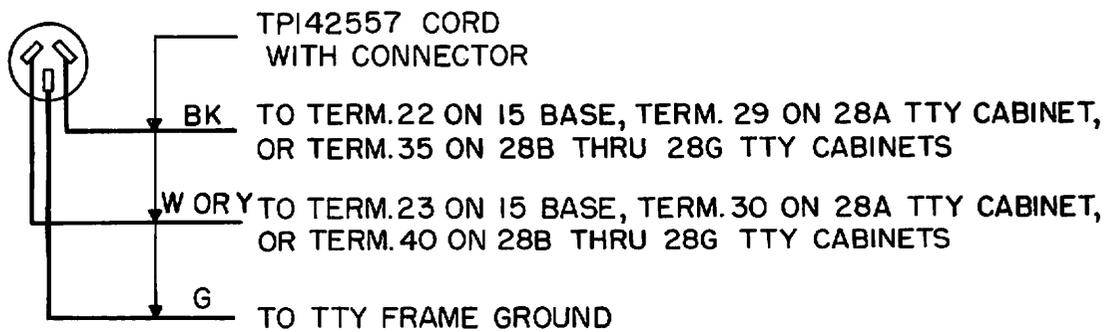
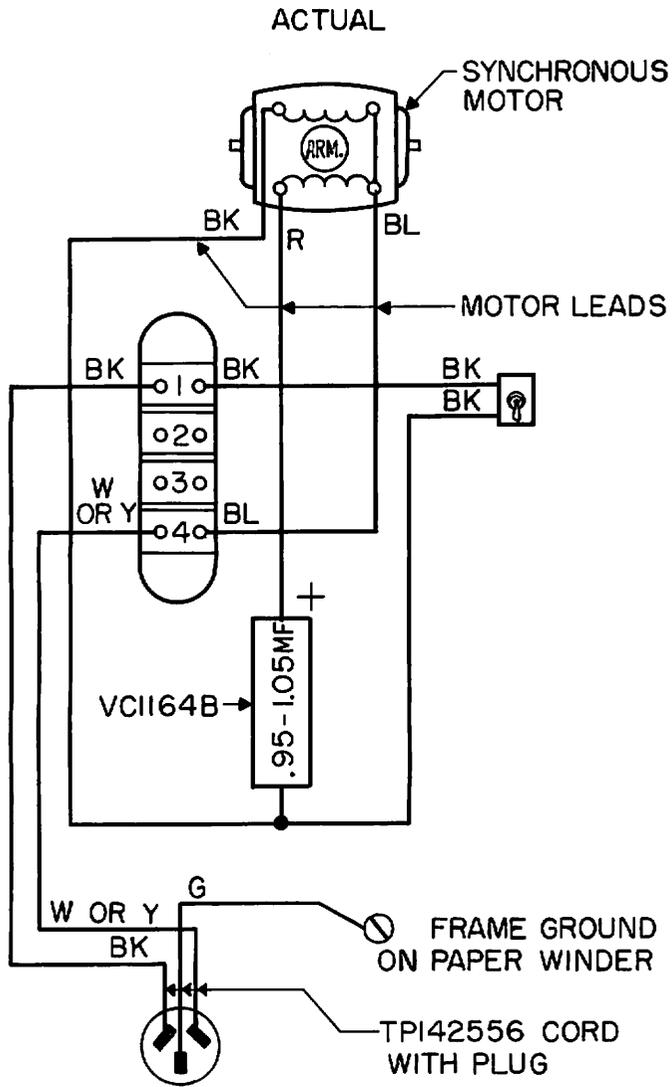
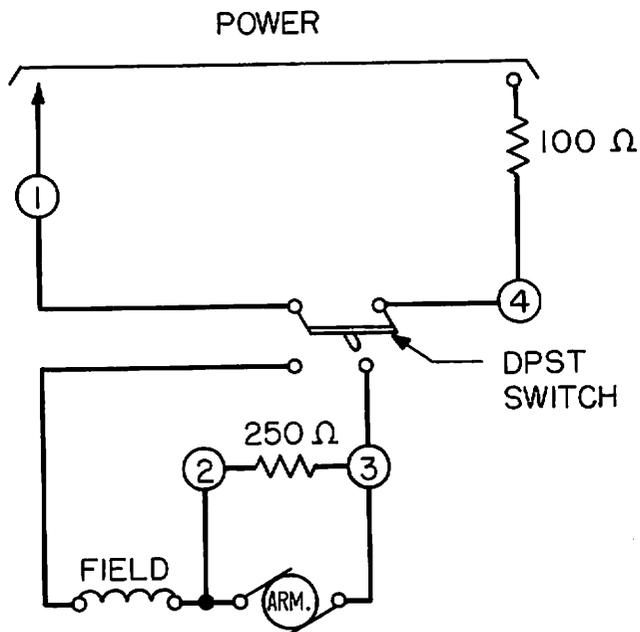


Figure 2 — Synchronous Motor

SCHMATIC-SERIES MOTOR  
25 CYCLE 110V AC OR 110V DC OPERATION



SCHMATIC-SERIES MOTOR  
60 CYCLE 110V AC OPERATION

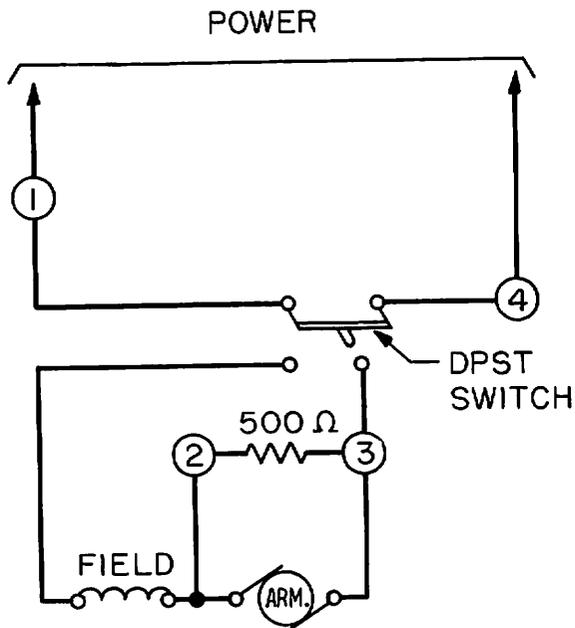
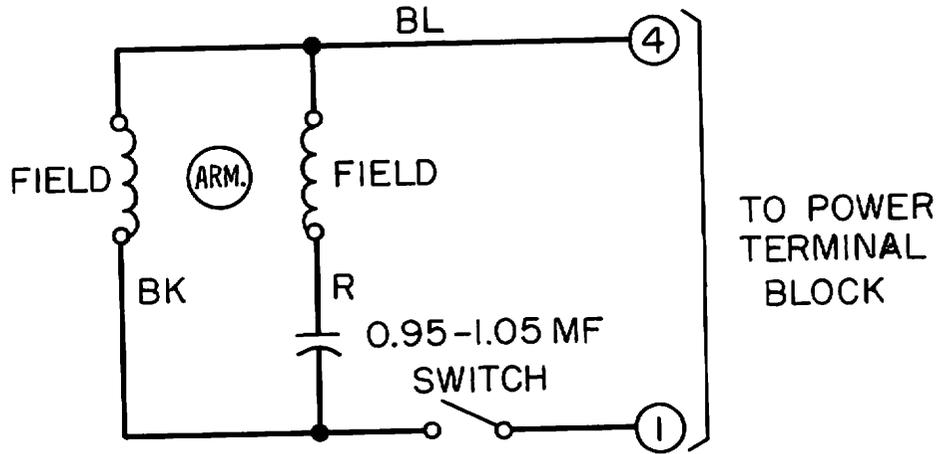


Figure 3

SCHEMATIC-SYNCHRONOUS MOTOR  
60 CYCLE 110V OPERATION  
CLOCKWISE DIRECTION OF ROTATION



SCHEMATIC-SYNCHRONOUS MOTOR  
60 CYCLE 110V OPERATION  
COUNTERCLOCKWISE DIRECTION OF ROTATION

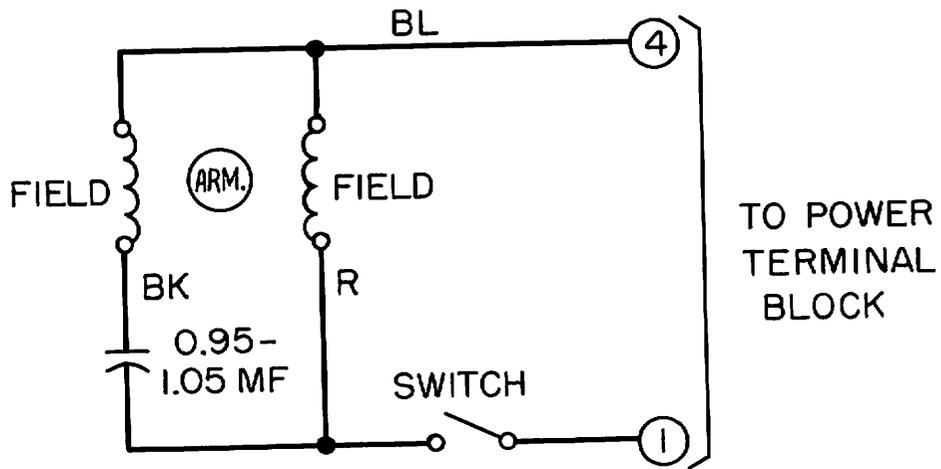


Figure 4

