"DATASPEED*" 4500 CABINET

WIRING

CONTENTS

1. GENERAL

1.01 This section provides actual and schematic wiring diagrams for DATASPEED 4500 cabinets, hereafter referred to as 4500 type.

1.02 This section is reissued to include actual wiring information. This is a general revision, therefore, marginal arrows have been omitted.

1.03 Testing of the cabinets consists primarily of making certain voltage and continuity checks using a volt-ohm-milliammeter (VOM) switched to appropriate range.

1.04 Whenever a check fails, refer to schematic diagrams to troubleshoot for point-to-point wiring information and refer to Section 582-312-700 for Disassembly, Reassembly and Parts information.

Note: When ordering replaceable components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP410055).

2. TESTING

A. Power Cord

2.01 Check continuity between power cord plug grounding pin and cabinet or chassis ground connection (Fig. 1). The resistance reading should be essentially zero ohms with VOM RX1 range.

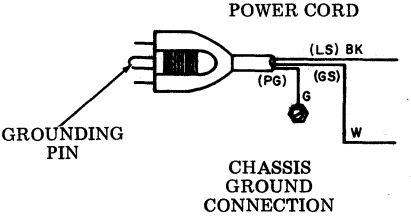

Fig. 1

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Prepared for American Telephone and Telegraph Company by Teletype Corporation

B. Interlock Switch

2.02 The interlock switch has a three-position activator (Fig. 2). Check for continuity at P114 connector terminals 6 to 7 and 3 to 5 when the activator is lifted to its No. 1 position (maintenance) and held down (audible click) in its No. 3 position. (Fig 3).

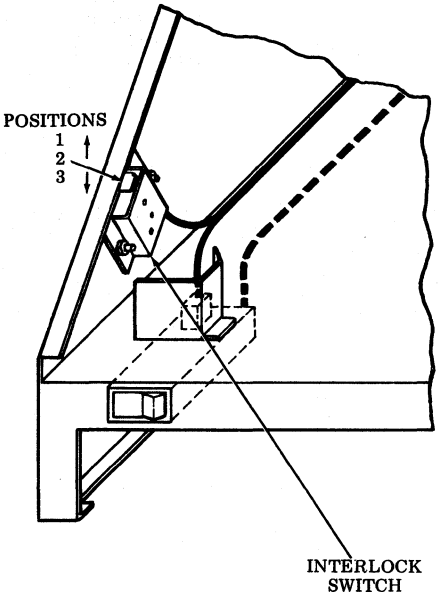


Fig. 2

C. SSI Cable Assembly

2.03 The printer signal connector (SSI) is mounted on a bracket inside the cabinet (Fig. 3). Check for continuity of the SSI cable at J115 connector terminals 12 to 13 and 14 to 15.

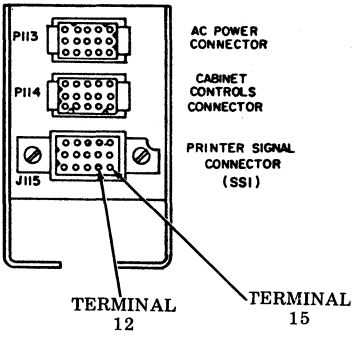


Fig. 3

D. Switches and Lamp

2.04 Check for continuity of paper advance switch at P114 connector terminals 3 to 4 when switch is depressed (Fig. 3).

2.05 Check for continuity of lamp in the paper switch at P114 connector terminals 1 to 2 (Fig. 3).

3. SCHEMATIC WIRING DIAGRAM

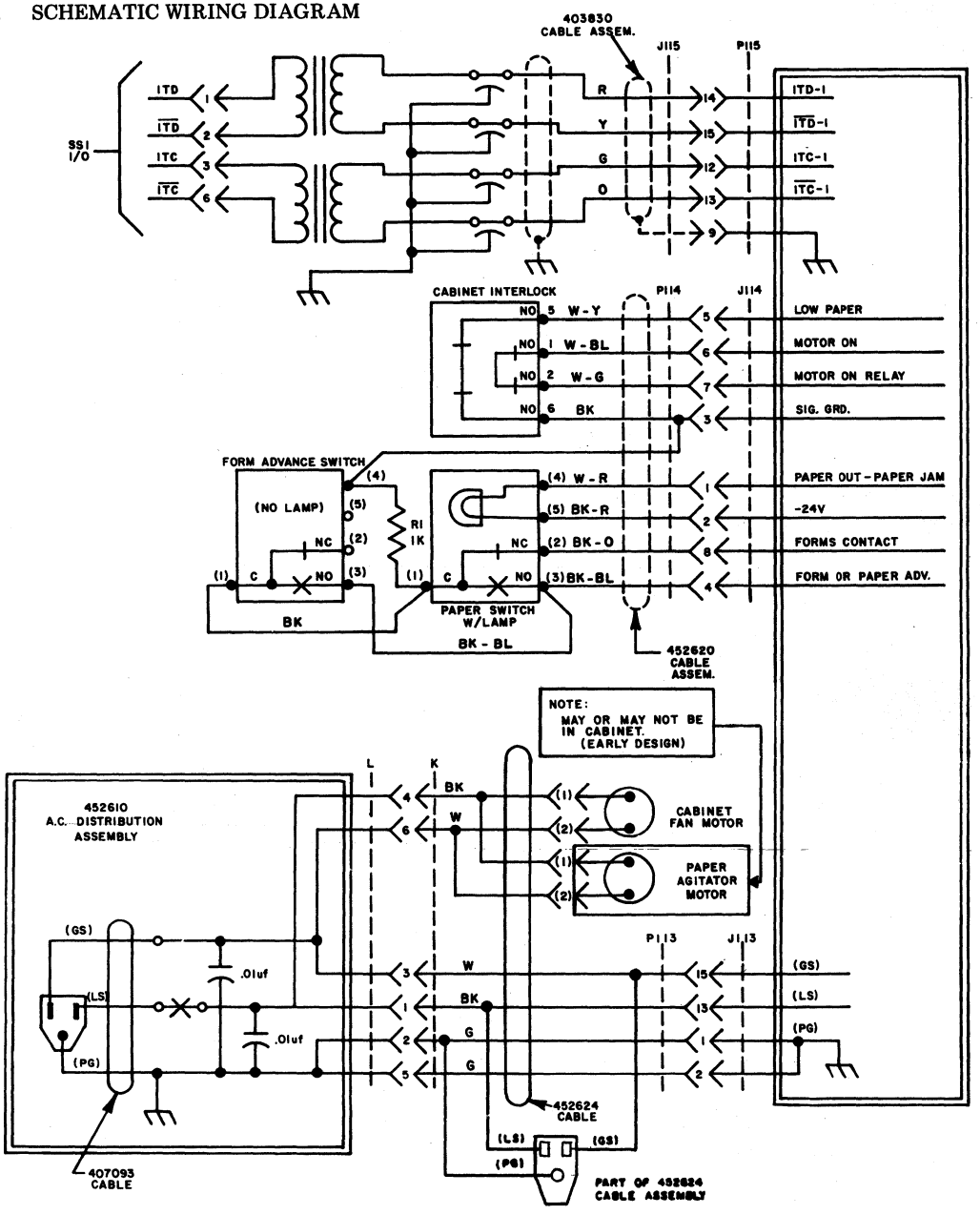


Fig. 4—4500 Type Tractor Feed Cabinet

4. CABLE ROUTING

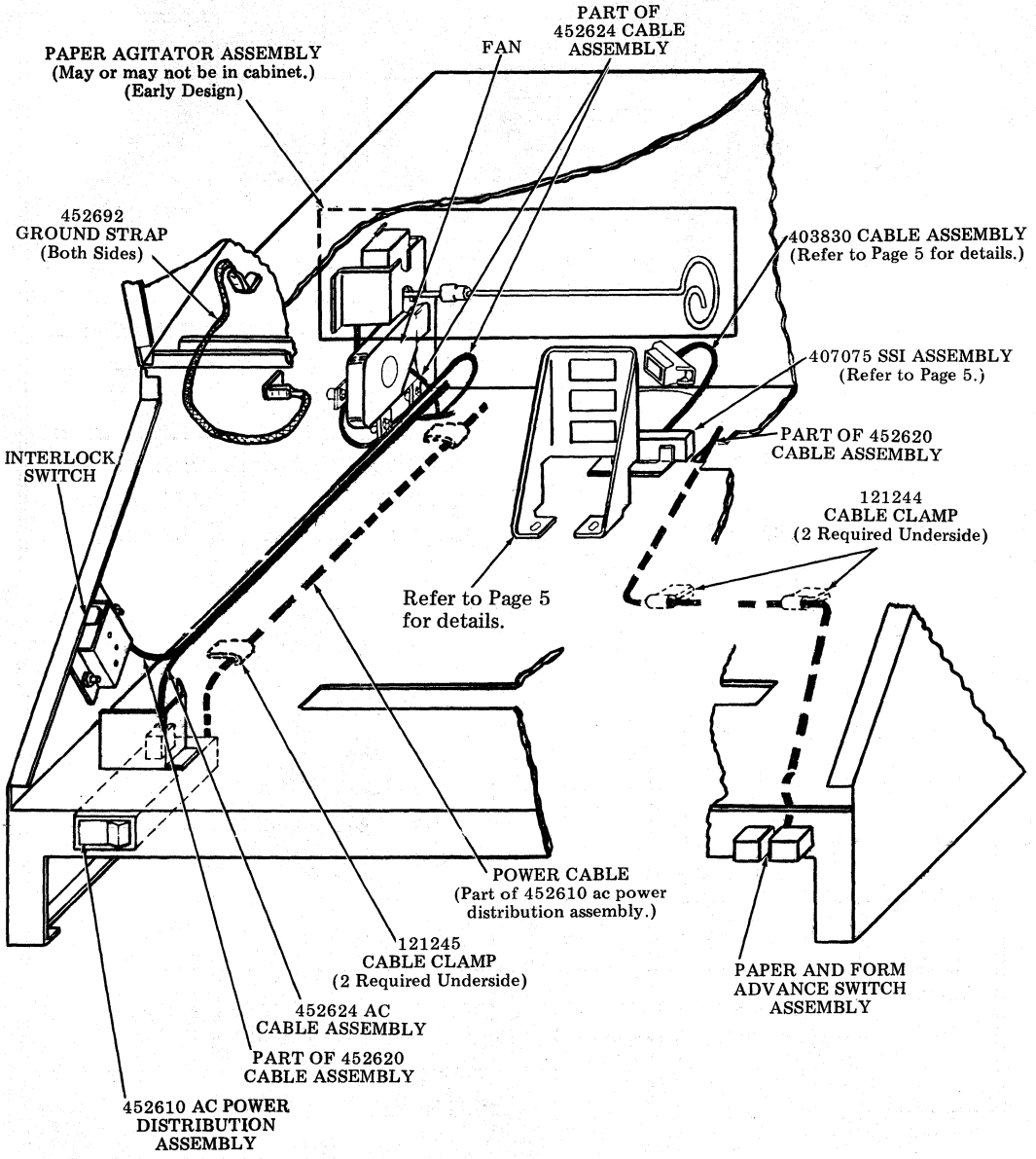
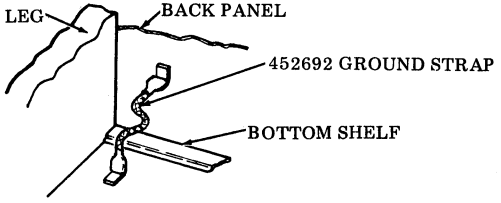
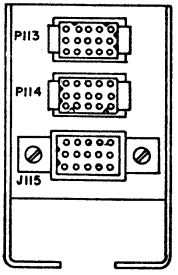


Fig. 5—4500 Type Tractor Feed Cabinet

4. CABLE ROUTING (Cont)



(Lower Left Rear Corner of Cabinet)



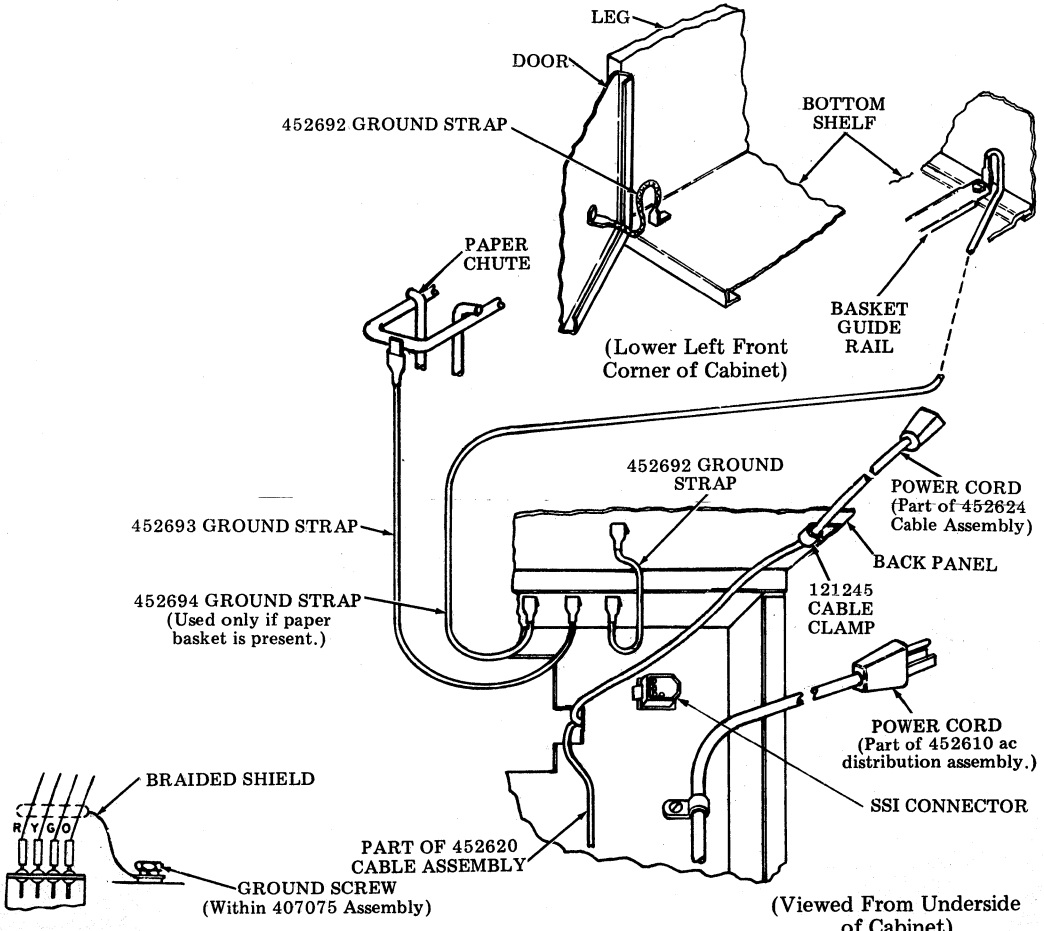


Fig. 6—4500 Type Tractor Feed Cabinet

5. ACTUAL WIRING

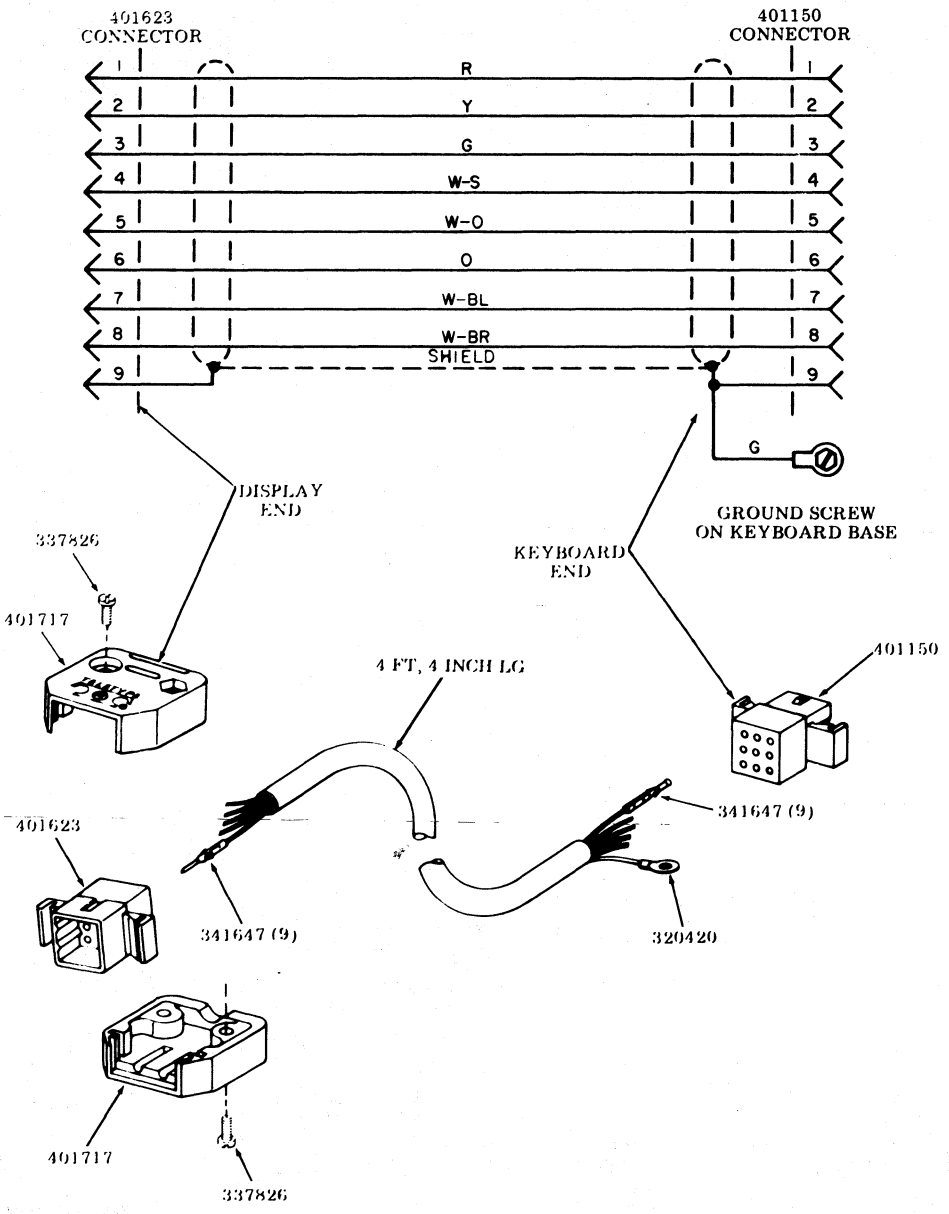
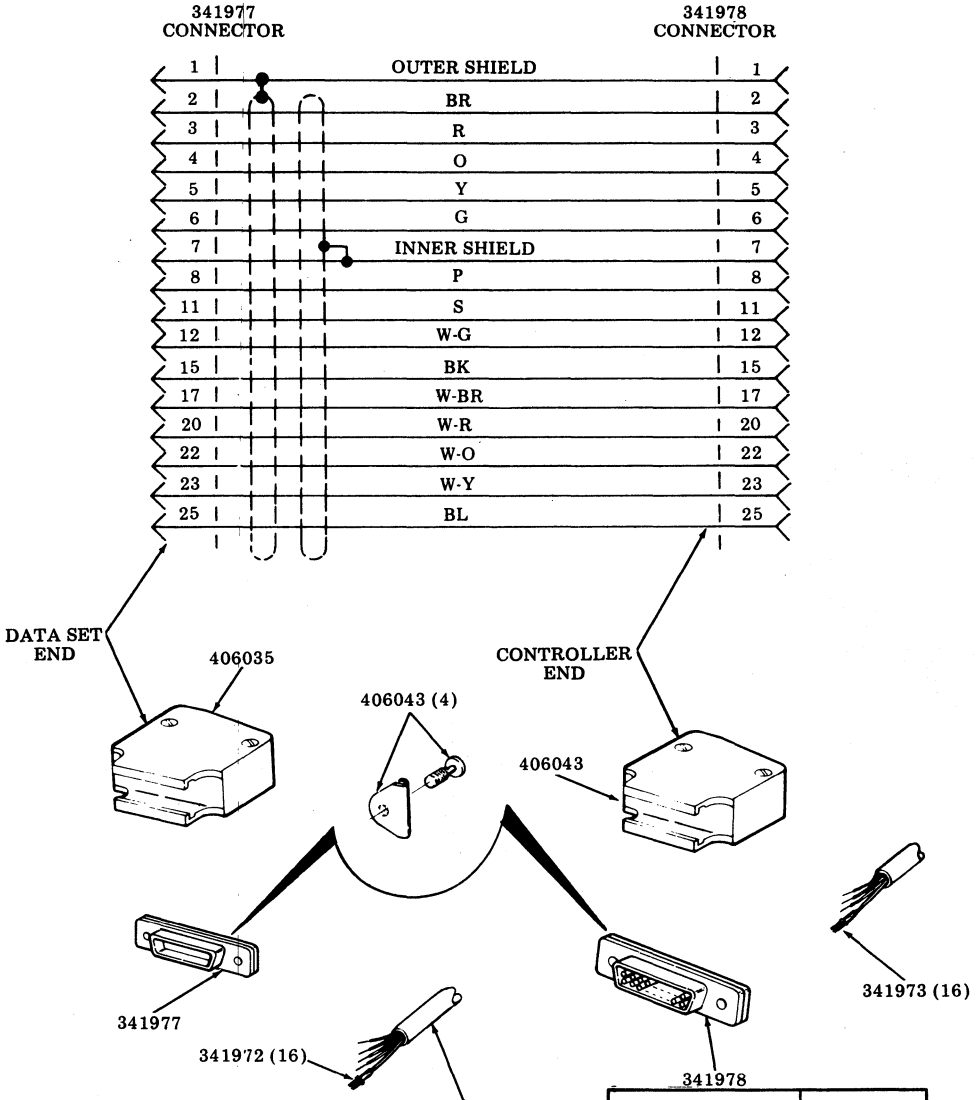


Fig. 7—347306 Keyboard Base Cable Assembly (45BSE301)

5. ACTUAL WIRING (Cont)



PART NUMBER	LENGTH
408065	7 Feet
408066	12 Feet
408067	25 Feet
408068	50 Feet

Fig. 8—Data Set Extension Cable Assemblies