

SPEAKERPHONE SYSTEM—4A

500S AND 2500S TELEPHONE SETS

CONNECTIONS

1. GENERAL

1.01 Refer to Section 512-700-100 for detailed information on the components of the 4A speakerphone system.

1.02 To provide 4A speakerphone feature at the 500S and 2500S telephone sets, refer to Fig. 1 for layout arrangement of the components required for the system and Fig. 2 or 3 for individual lead connections.

2. CONNECTIONS

223A Adapter

2.01 The cords from the 108A loudspeaker set, 680A transmitter, and 85B1 power unit are installed in the proper receptacle of the 223A adapter. The cover must be fastened securely to assure proper mating of connectors.

108A Loudspeaker Set

2.02 The loudspeaker set and transmitter must be placed a minimum of one foot apart and not directly facing each other.

680A Transmitter

2.03 The transmitter must be at least two feet from transformer or any AC powered device.

85B1 Power Unit

2.04 Power can be supplied by connecting 85B1 power unit as shown in Fig. 1, 2, or 3.

2.05 Use an AC power outlet (not under control of a switch) located as close as possible to the system being installed. A 841050818 retaining clamp will be shipped with the 85B1 power unit and should be mounted to the AC receptacle to hold power unit securely.

Caution: Do Not Ground Power Unit

2.06 The M2FG cord is furnished as part of the 223A adapter for connecting the 85B1 power unit.

2.07 The 85B1 power unit should be located less than 125 feet from 108A loudspeaker set when using 24 gauge wire. Refer to Section 512-700-100 for detailed information on power supply applications.

SPEAKERPHONE SYSTEM—4A
5005 AND 25005 TELEPHONE SETS
CONNECTIONS

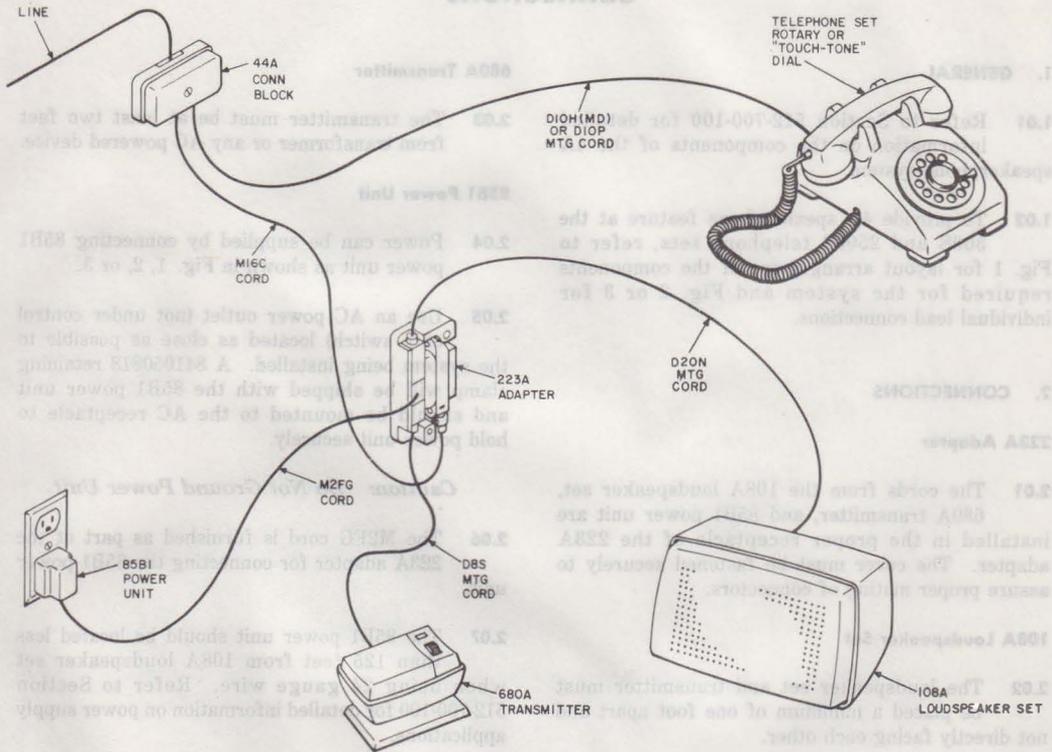


Fig. 1—Speakerphone Arrangement, 5005 or 25005 Telephone Set

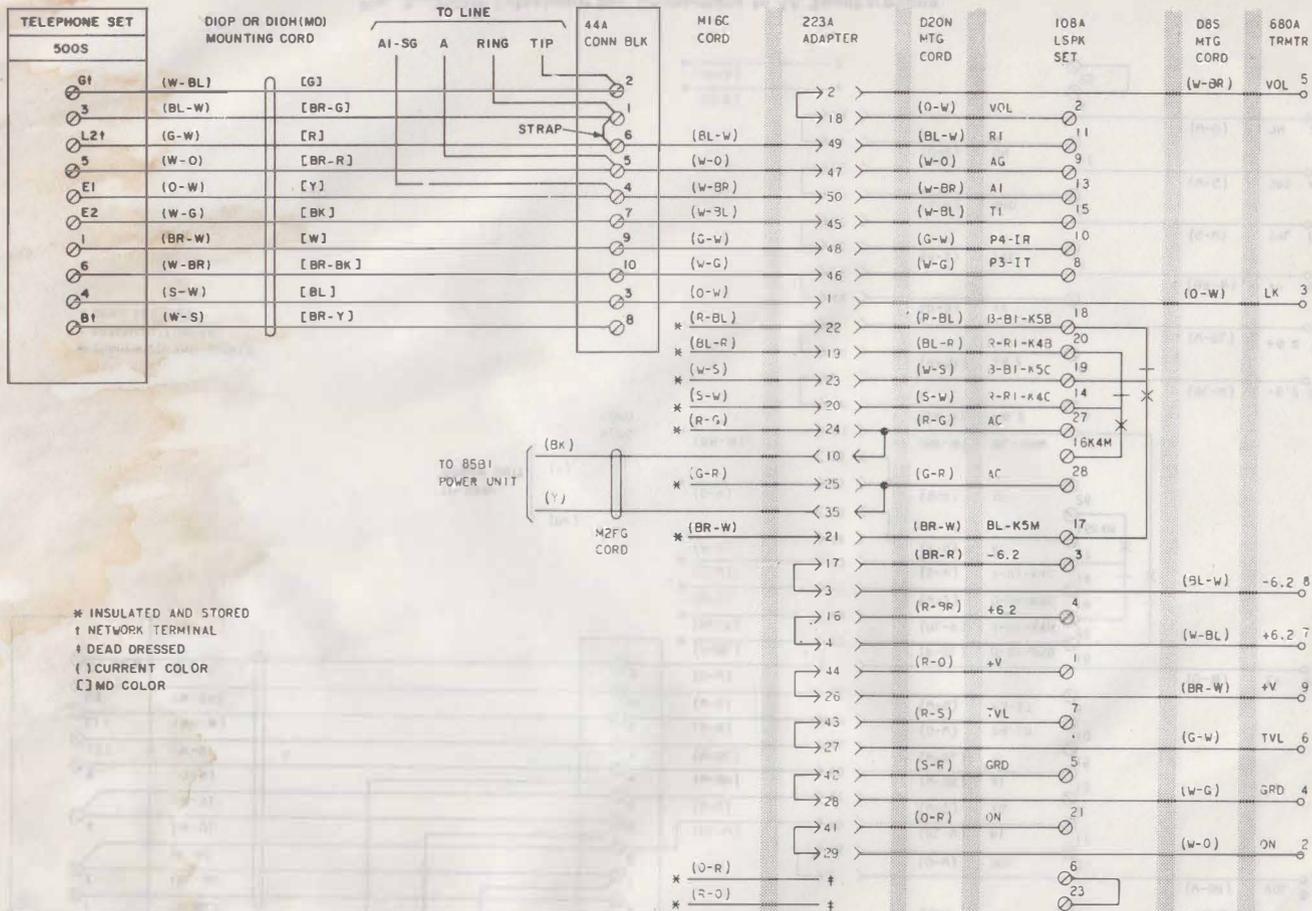


Fig. 2—500S Telephone Set Connections to 4A Speakerphone

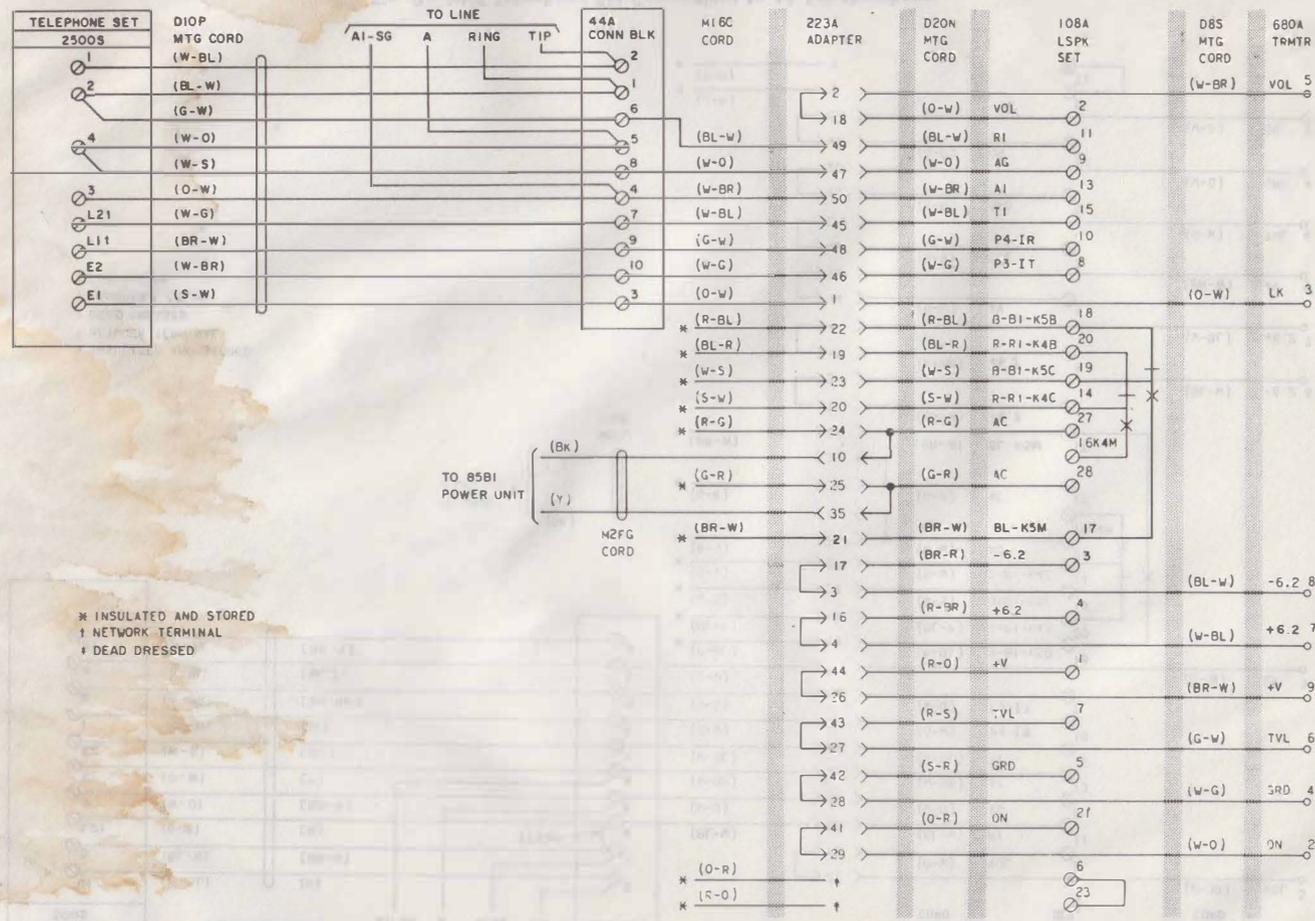


Fig. 3—2500S Telephone Set, Connections to 4A Speakerphone