

## G12A, G15A, AND G15Y HANDSETS

### IDENTIFICATION, CONNECTIONS, AND MAINTENANCE

#### 1. GENERAL

1.01 The G12A (A&M only) (Fig. 1 and 2) or G15A (Fig. 3, 4, and 5) handsets are for general use with modular telephone sets. The G15Y handset is intended solely for use with specially engineered systems—**not for general telephone use.**

1.02 This section is reissued to:

- Add G15Y handset, Fig. 8
- Revise Fig. 10
- Add Table A

#### 2. IDENTIFICATION

##### A. Purpose

2.01 To provide a handset that will accept a plug-in type handset cord.

**Note:** The G12A handset may be used with H5AD handset cord (modular telephone sets) or with H5AE handset cord (nonmodular sets) to provide message waiting service for stations not equipped with standard apparatus to provide the service. The plug grommet of these handset cords contain a neon glow lamp enclosed in a clear lucite housing.

##### B. Ordering Guide

#### 2.03 Basic Handset:

- Set, Hand, G15A-\* (H4DU-\* handset cord must be ordered separately)
- Set, Hand, G15Y-\* (H4DU-\* handset cord must be ordered separately)

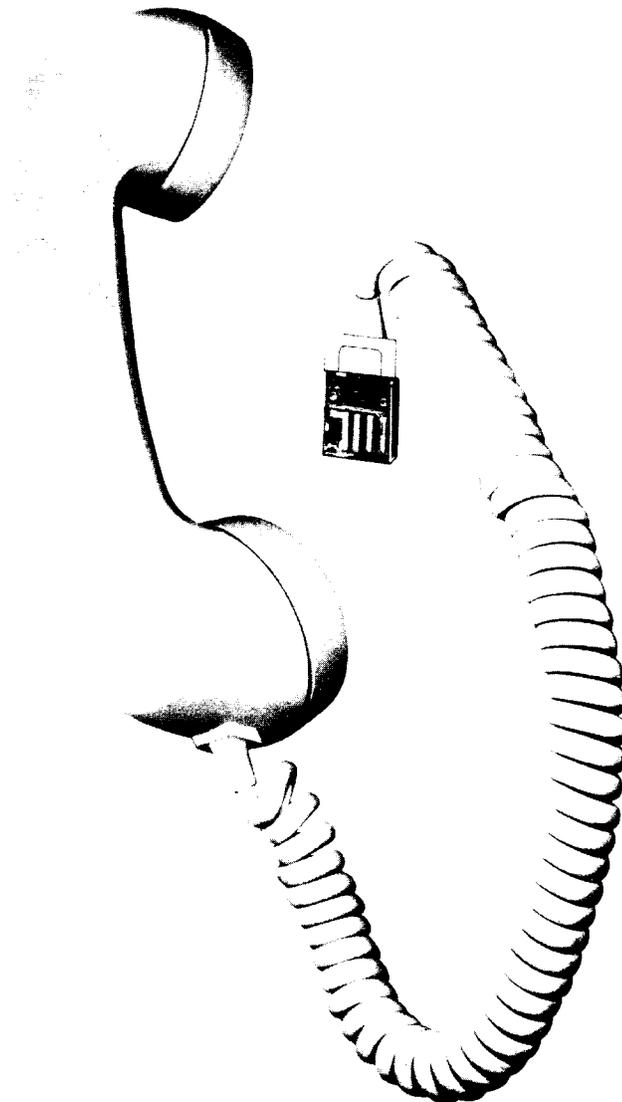


Fig. 1—G12A (A&M Only) Handset with Handset Cord Connected

2.03 The G12A-59, -61, and -64 handsets are rated MD. The G12A-03, -50, -51, -53, -56, -58, -60, and -62 handsets are rated A&M Only.

#### NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement

2.04 The G15A-64 handset is rated MD.

2.05 **Replaceable Components**

- Transmitter Cap\*
- Receiver Cap\*
- Unit, Transmitter, T1
- Unit, Receiver, U3
- Unit, Receiver, LB1 and 840358048 Adapter (G12A only)
- 819040189 Capacitor Assembly (G15Y only).

C. **Design Features (Fig. 2 and 3)**

2.06 Standard G-type handset circuit with T1 transmitter and either U3 receiver unit or LB1 receiver unit with 840358048 adapter (G12A only) and (2) two 834851101 (P-48V110) screws.

2.07 Equipped with a receptacle type transmitter cup which accepts the handset cord plug.

\*Refer to Table A for color.

3. **CONNECTIONS**

3.01 Connect the G12A handset by plugging the handset cord into the jack. The grommet of the handset plug of the cord is tapered. Be sure the spring clip locks in place.

3.02 Connect the G15A or G15Y handset by plugging the handset cord into the jack. Line up clip with notch in handset. Push plug in until it locks (Fig. 6). Either end of the handset cord may be plugged into the handset since they are identical.

3.05 See Fig. 7, 8, and 10 for internal connections of the handset.

4. **MAINTENANCE**

4.01 Maintenance of the G12A, G15A, or G15Y handset consists of the following:

- Replacing cracked or broken receiver and transmitter caps
- Replacing defective receiver and transmitter units

◆TABLE A◆

COLOR ORDERING GUIDE

COLOR AND SUFFIX	TRANSMITTER CAP	RECEIVER CAP
Black (-03)	818011033 (P-80A103)	818012031 (P-80A203)
Ivory (-50)	818011504 (P-80A150)	818012502 (P-80A250)
Green (-51)	818011512 (P-80A151)	818012510 (P-80A251)
Red (-53)	818011538 (P-80A153)	818012536 (P-80A253)
Yellow (-56)	818011561 (P-80A156)	818012569 (P-80A256)
White (-58)	818011587 (P-80A158)	818012585 (P-80A258)
Rose Pink (-59)	818011595 (P-80A159)	818012593 (P-80A259)
Lt. Beige (-60)	818011603 (P-80A160)	818012601 (P-80A260)
Lt. Gray (-61)	818011611 (P-80A161)	818012619 (P-80A261)
Aqua Blue (-62)	818011629 (P-80A162)	818012627 (P-80A262)

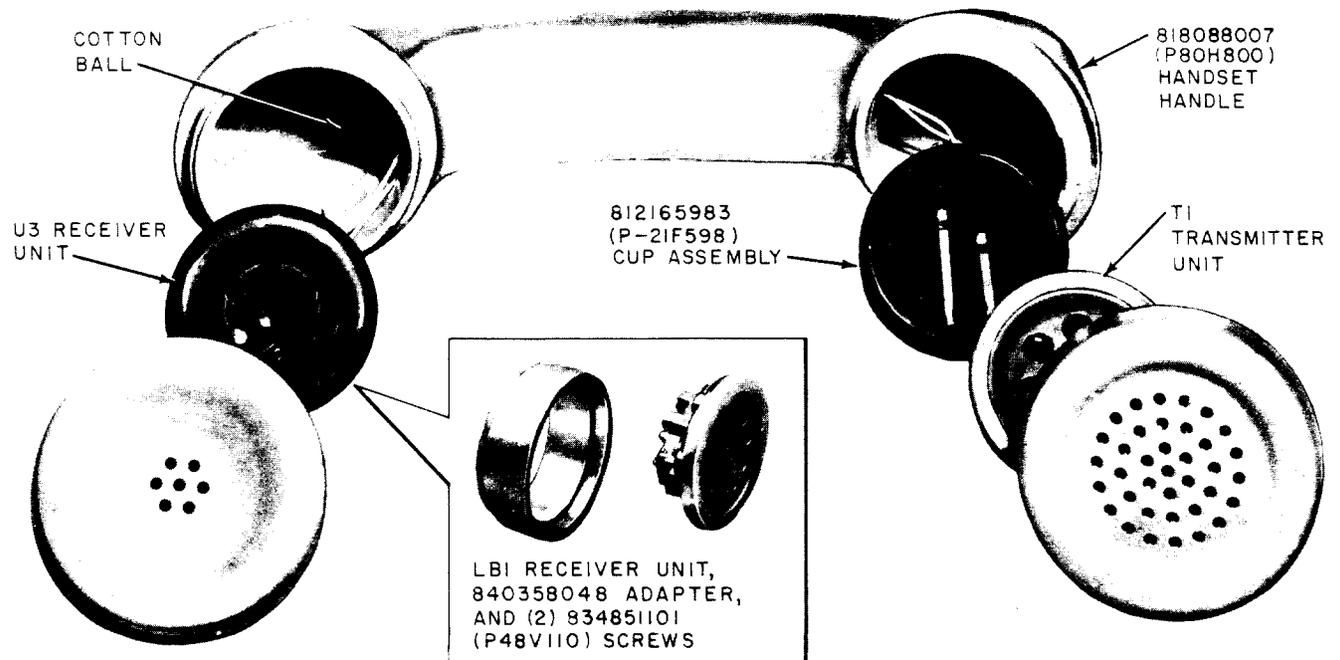


Fig. 2—G12A (A&M Only) Handset Assembly

- Replacing defective cords
- Cleaning handset with water-dampened cloth.



***Do not use cleaning fluids or anti-rust compounds on handset components.***

- (3) Apply pressure against spring clip toward body of plug.
- (4) When spring has been compressed, pull plug out of jack.
- (5) Connect new cord as outlined in paragraph 3.01.

**4.02** To replace handset cord in the G12A handset.

- (1) Use KS-21107L1 releaser or equivalent.
- (2) Insert tool in slot above body of plug (Fig. 9).

**4.03** To replace handset cord on the G15A or G15Y handset, depress clip, pull plug out of handset, and connect new cord as outlined in paragraph 3.02.

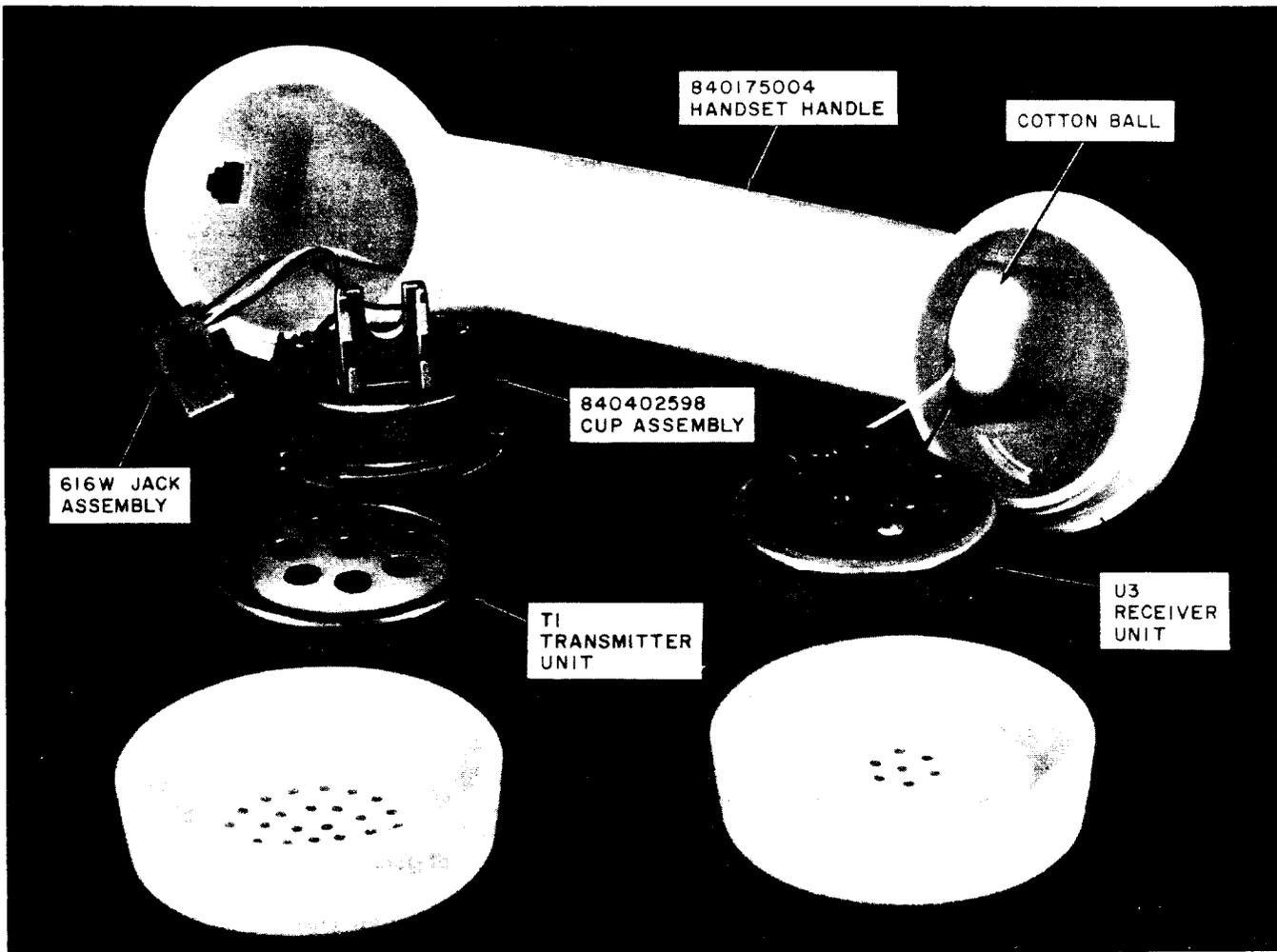


Fig. 3—G15A Handset Assembly (Current Version) or G15A Handset Assembly Converted from Current Version G3-Type Handset

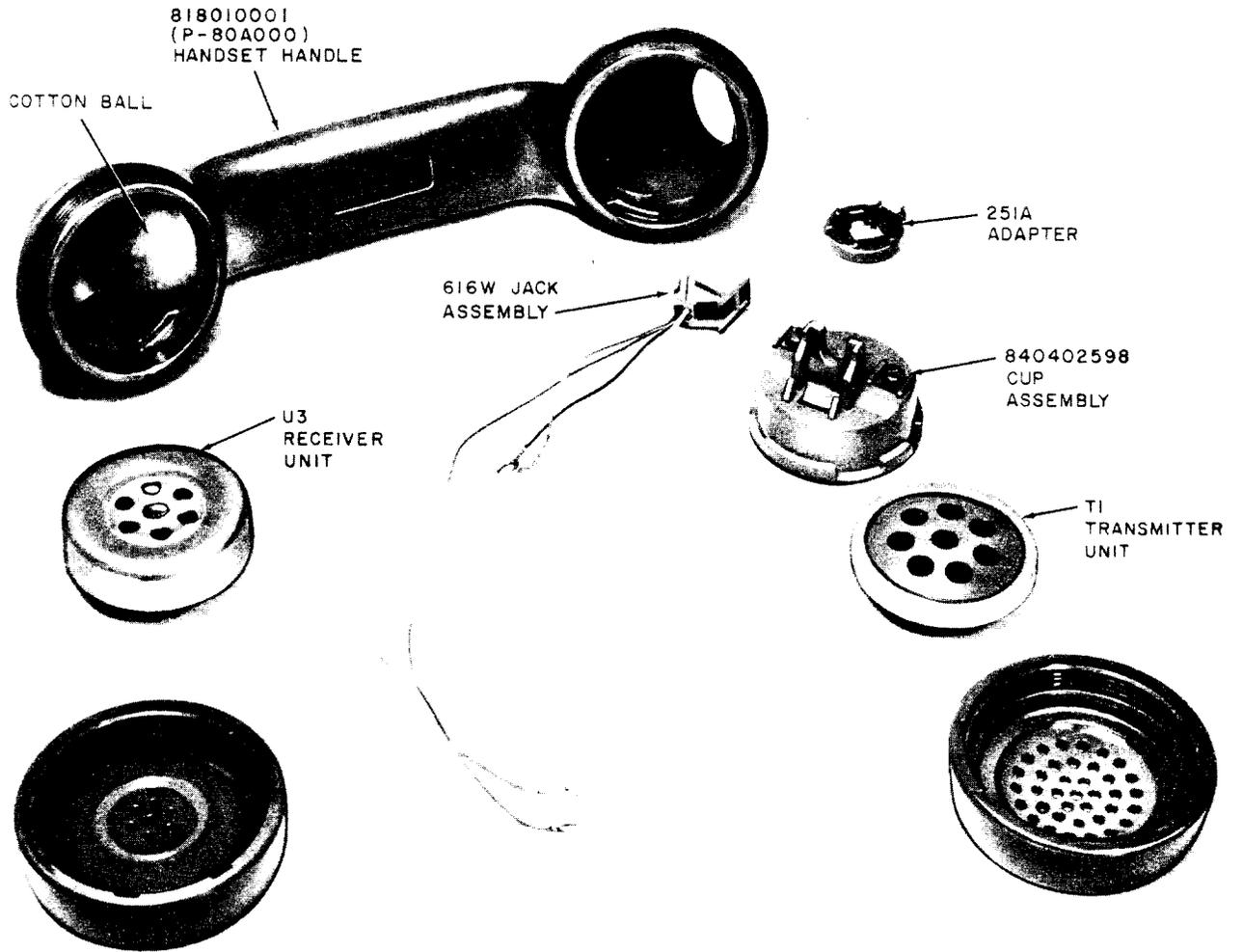


Fig. 4—G15A Handset Assembly Converted from Early Version G3-Type Handset

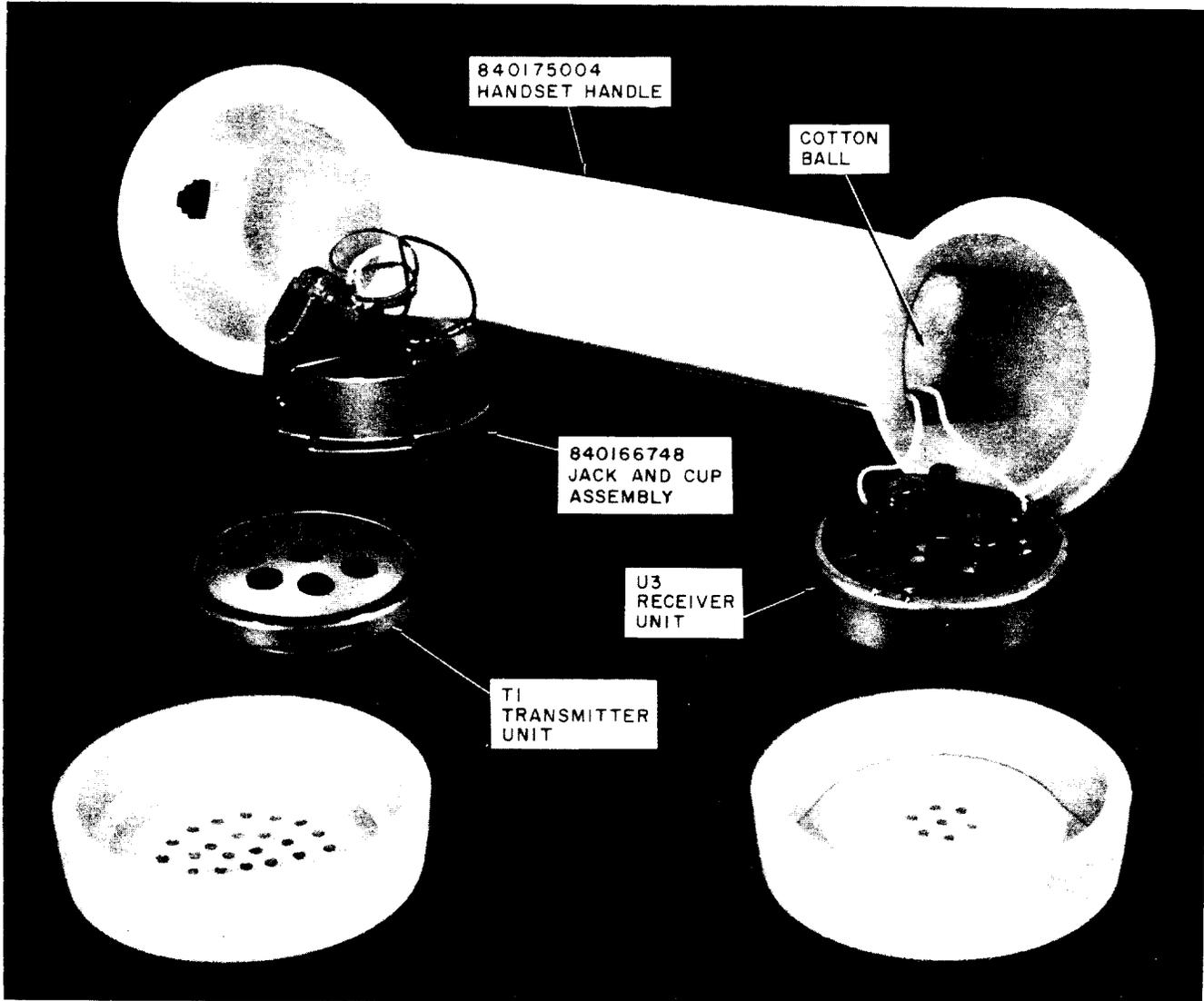


Fig. 5—G15A Handset Assembly (Early Version)

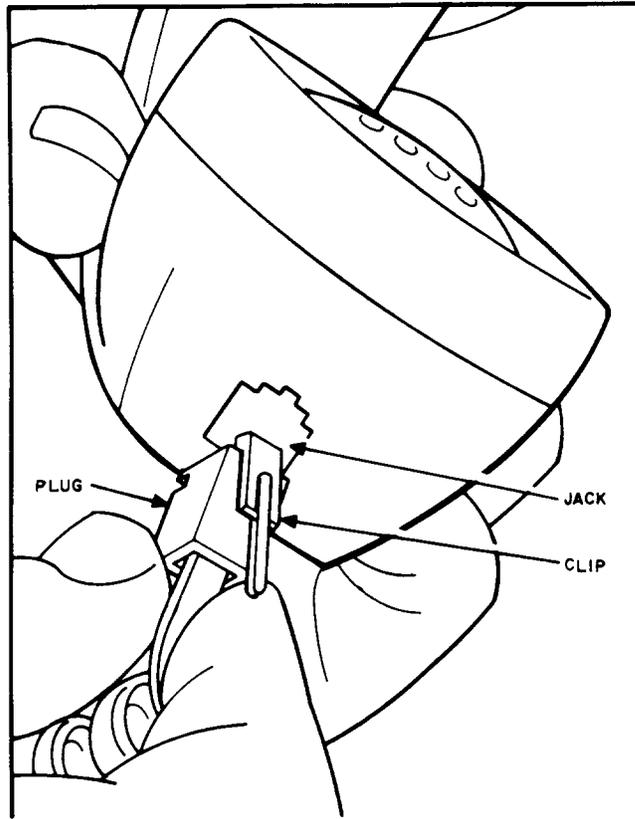


Fig. 6—Installing Handset Cord in G15A or G15Y Handset

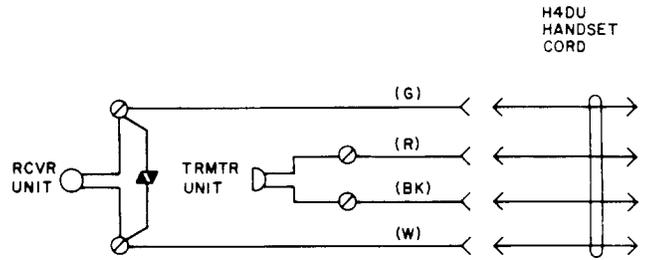


Fig. 8—G15Y Handset, Internal Connections



Fig. 9—Removing Handset Cord from G12A Handset

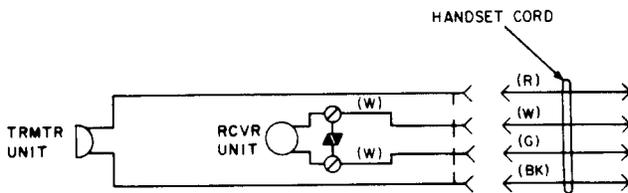


Fig. 7—G15A Handset, Internal Connections

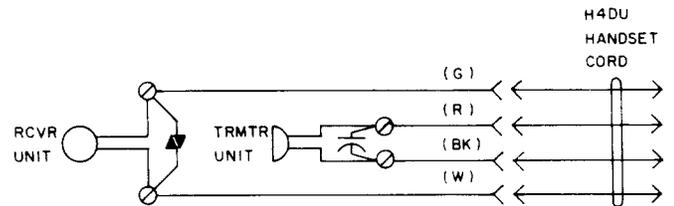


Fig. 10—G12A Handset, Internal Connections