

HANDSET G12A AND G15A IDENTIFICATION, CONNECTIONS, AND MAINTENANCE

1. GENERAL

1.01 This section is reissued to:

- Revise Fig. 5 and 8
- Show G12A-59, -61, and -64 handsets rated MD
- Show G12A-3, -50, -51, -53, -56, -58, -60, and -62 handsets rated A&M Only
- Show G15A-64 handsets rated MD
- Add current version of G15A handset, Fig. 3
- Show G15A handset converted from current version of G3-type handset, Fig. 3
- Show G15A handset converted from early version of G3-type handset, Fig. 5

2. IDENTIFICATION

Purpose

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

Application

2.02 The G12A (Fig. 1 and 2) or G15A (Fig. 3, 4, and 5) handsets are for general use with modular telephone sets.

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.



Fig. 1—G12A Handset with Handset Cord Connected

Ordering Guide

2.03 **Basic Handsets:**

- Set, Hand, G12A-* (H4DB-* or other type plug-ended cord must be ordered separately.)

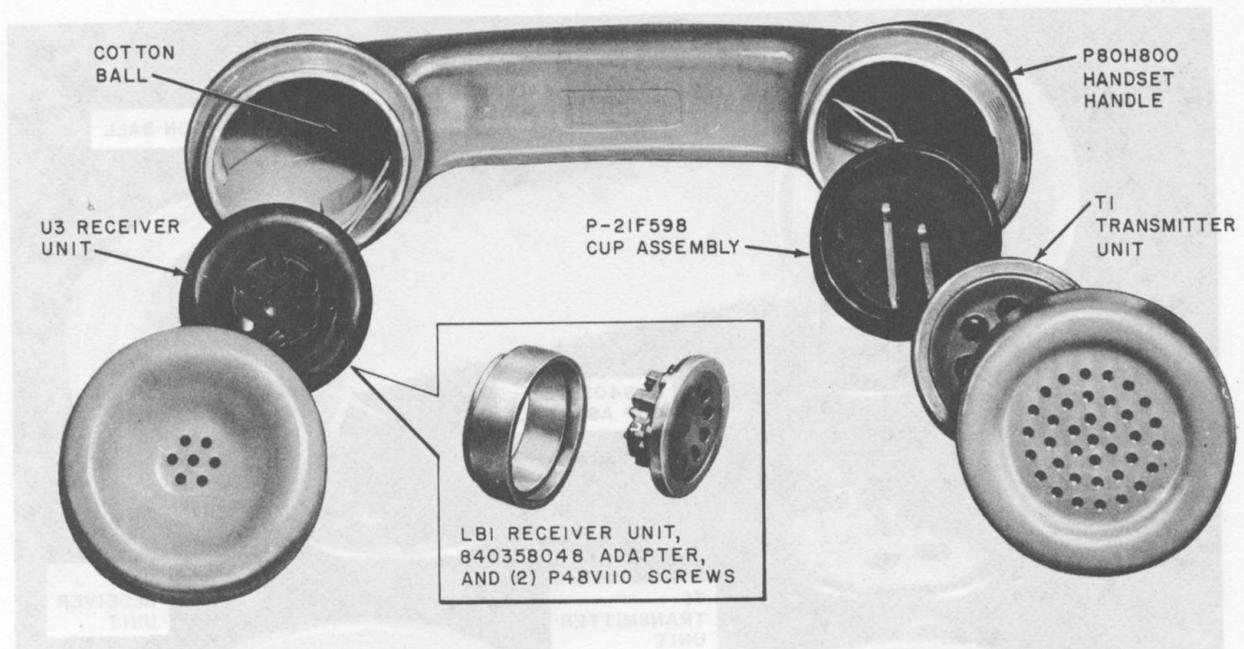


Fig. 2—G12A Handset Assembly

- Set, Hand, G15A-* (H4DU-* plug-ended cord must be ordered separately)

2.04 ♦ The G12A-59, -61, and -64 handsets are rated MD. The G12A-3, -50, -51, -53, -56, -58, -60, and -62 handsets are rated A&M Only.

2.05 The G15A-64 handset is rated MD.♦

2.06 *Replaceable Components*

- P-80A1* Transmitter Cap
- P-80A2* Receiver Cap
- Unit, Transmitter, T1
- Unit, Receiver, U3
- Unit, Receiver, LB1 and 840358048 Adapter (G12A only)

*Add color suffix for color desired as follows: Black (-03), Ivory (-50), Green (-51), Red (-53), Yellow (-56), White (-58), Rose Pink (-59), Light Beige (-60), Light Gray (-61), and Aqua Blue (-62).

Design Features (Fig. 2 and 3)

2.07 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 P-48V110 screws.

2.08 Equipped with a receptacle type transmitter cup which receives the handset cord plug.

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 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 and 8 for internal connections of the handset.

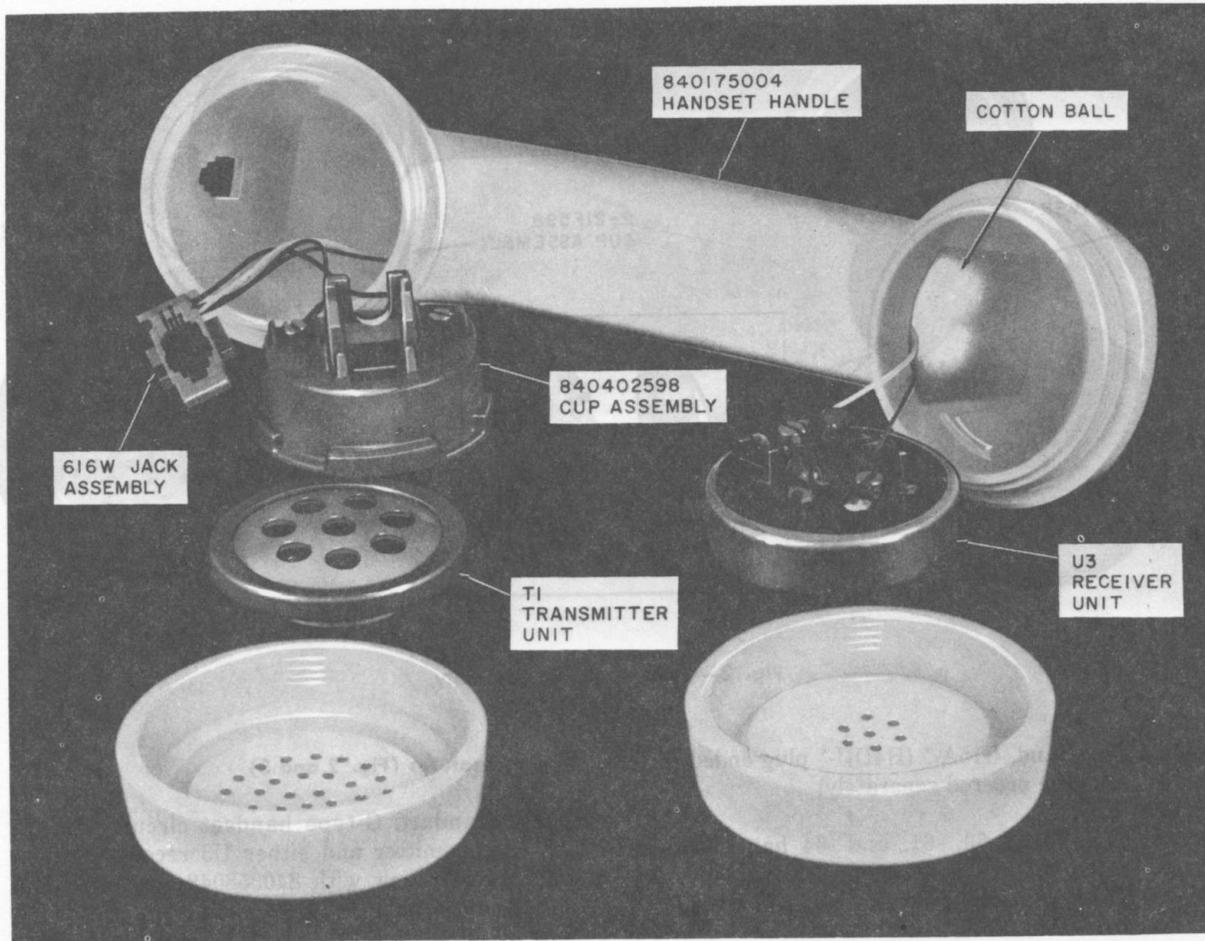


Fig. 3—G15A Handset Assembly (Current Version) or G15A Handset Assembly Converted from Current Version G3-Type Handset

4. MAINTENANCE

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

- Replacing cracked or broken receiver and transmitter caps.
- Replacing defective receiver and transmitter units.
- Replacing defective cords.
- Cleaning handset with water-dampened cloth.



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

4.02 To replace handset cord in the G12A handset.

- (1) Use KS-21107 type releaser or equivalent.
- (2) Insert tool in slot above body of plug (Fig. 9).
- (3) Apply pressure against spring clip toward body of plug.

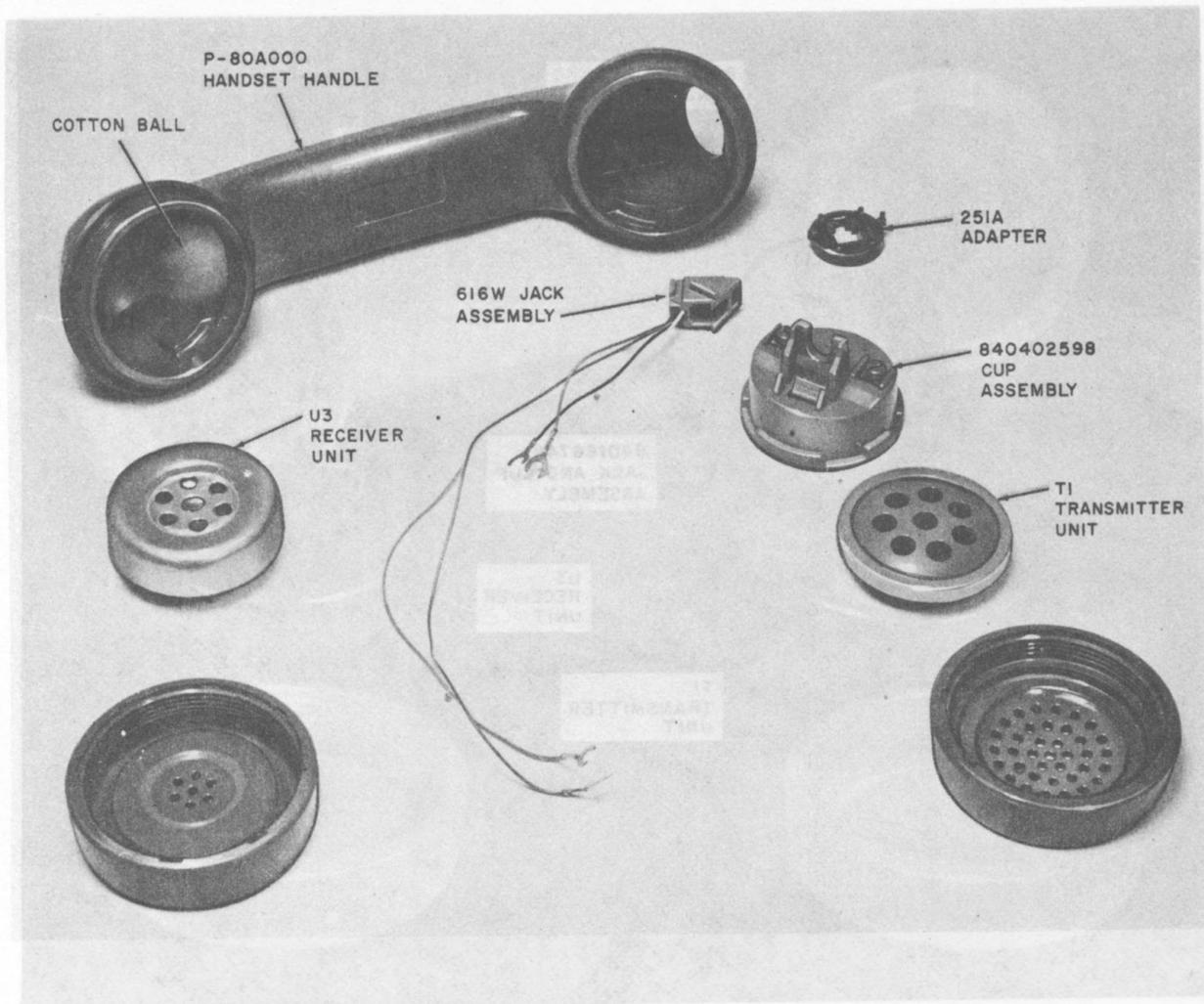


Fig. 4—G15A Handset Assembly Converted from Early Version G3-Type Handset

- (4) When spring has been compressed, pull plug out of jack.
- (5) Connect new cord as outlined in 3.01.

4.03 To replace handset cord on the G15A handset, depress clip and pull plug out of handset. Connect new cord as outlined in 3.02.

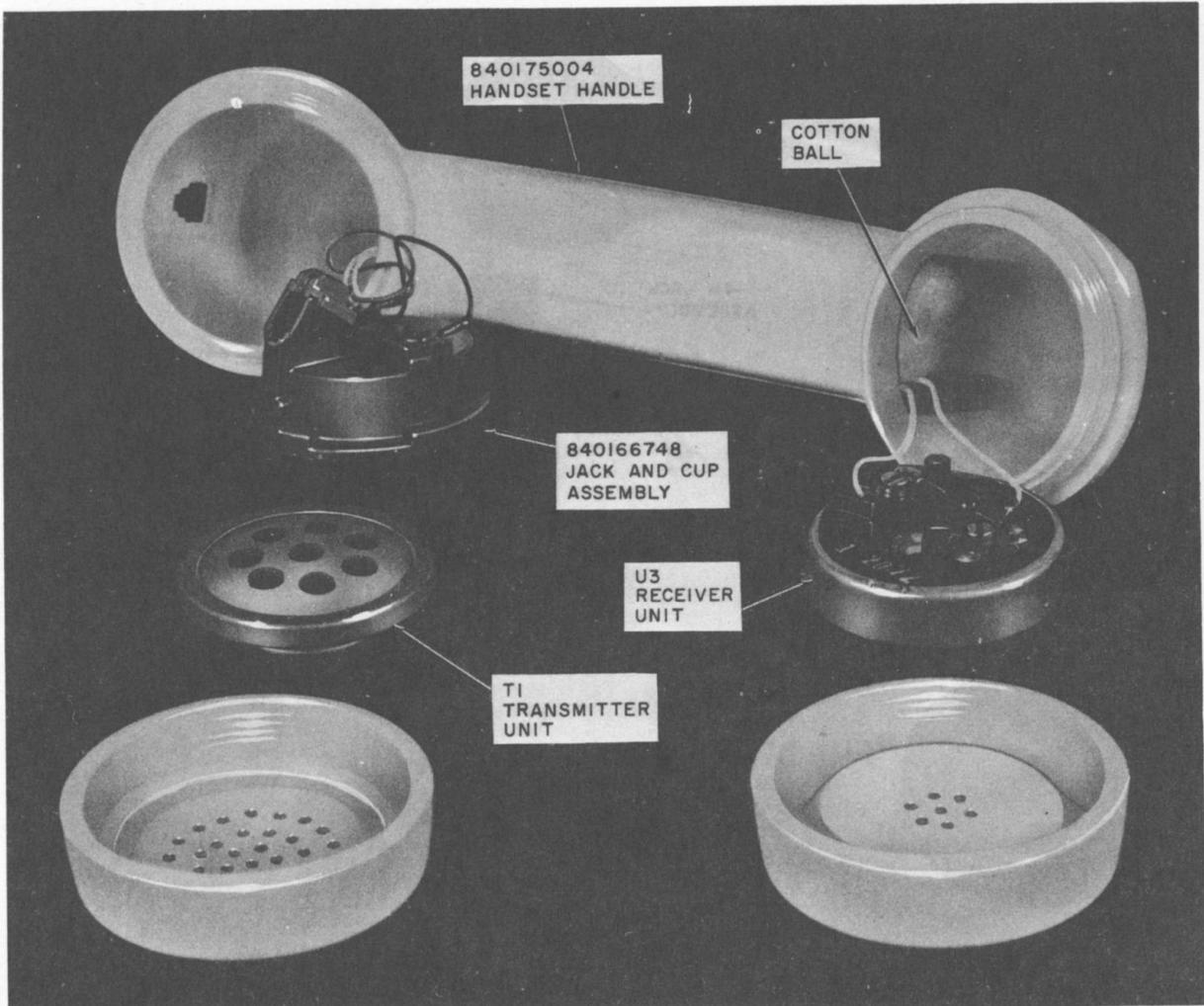


Fig. 5—G15A Handset Assembly (Early Version)

(4) When spring has been compressed, pull plug out of jack.
(5) Connect new cord as outlined in 3.01.
(6) To replace handset cord on the G15A handset, depress clip and pull plug out of handset. Connect new cord as outlined in 3.02.

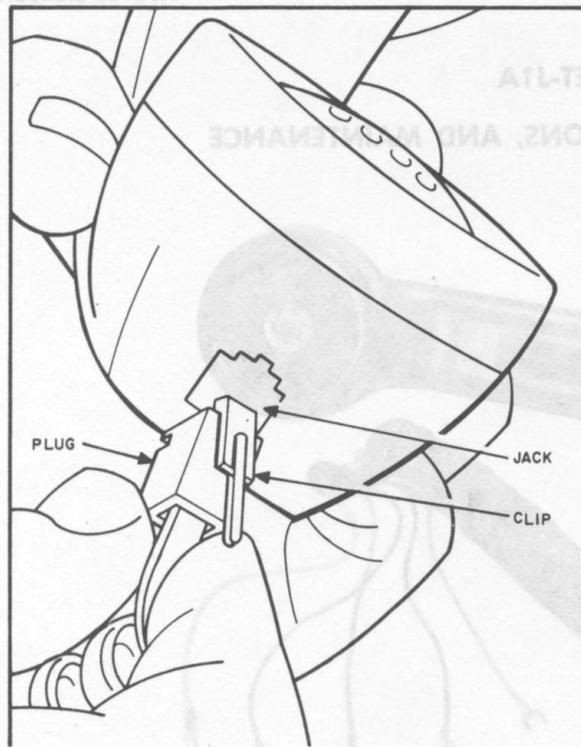


Fig. 6—Installing Handset Cord in G15A Handset

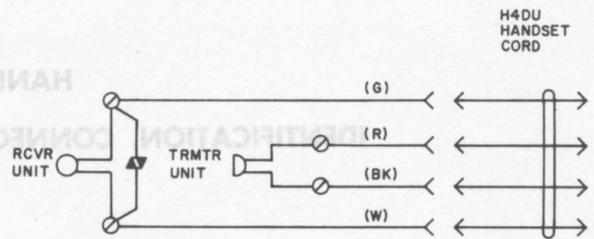


Fig. 8—G15A Handset, Internal Connections

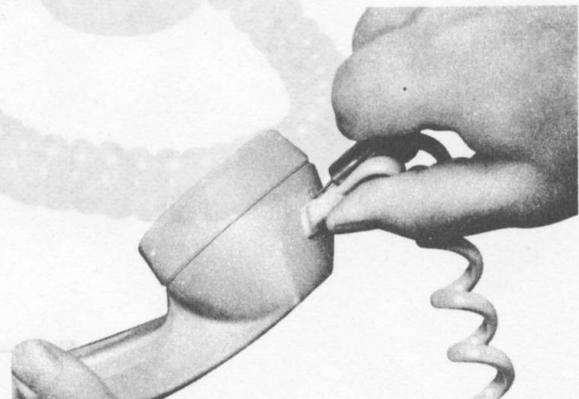


Fig. 9—Removing Handset Cord from G12A Handset

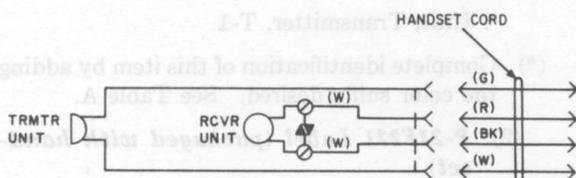


Fig. 7—G12A Handset, Internal Connections

TABLE A

COLOR SUFFIX	COLOR	COLOR SUFFIX	COLOR
-59	ROSE PINK	-8	BLACK
-60	LIGHT BEIGE	-81	GREEN
-81	LIGHT GRAY	-88	CHERRY-RED
-82	AQUA BLUE	-86	YELLOW
-84	TURQUOISE	-88	WHITE