

**1022A-, 1023A-, 1024A-, 1024B,
1026A-, 1027A-, AND 1028A-TYPE HEADSETS
DESCRIPTION, APPLICATION, AND MAINTENANCE**

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D. 1026A-Type Headset	4	1.01 This section covers the inspections and tests necessary for maintenance of the 1022A-, 1023A-, 1024A-, 1024B-, 1026A-, 1027A-, and 1028A- type headsets.	
E. 1027A-Type Headset	4	1.02 Revision arrows are used to emphasize signifi- cant changes. The Equipment Test List is af- fected. This section is reissued to add the 1028A-type headset and to update the section to the standard for- mat.	
F. 1028A-Type Headset	4	1.03 For piece part data and replacement proce- dures, see Section 028-371-811.	
3. VISUAL INSPECTIONS	4	1.04 Spare headsets should be substituted for sets that have had several troubles reported dur- ing a period of 30 days, and for which the tests and inspections covered herein have disclosed no defects. These sets should be referred to the supervisor for disposition.	
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Figures		A. 1022A-Type Headset	
1. 1022A-Type Headset	2	2.01 The 1022A-type headset (Fig. 1) is designed to be used on the J94007A, 7A carrier frequency noise measuring set.	
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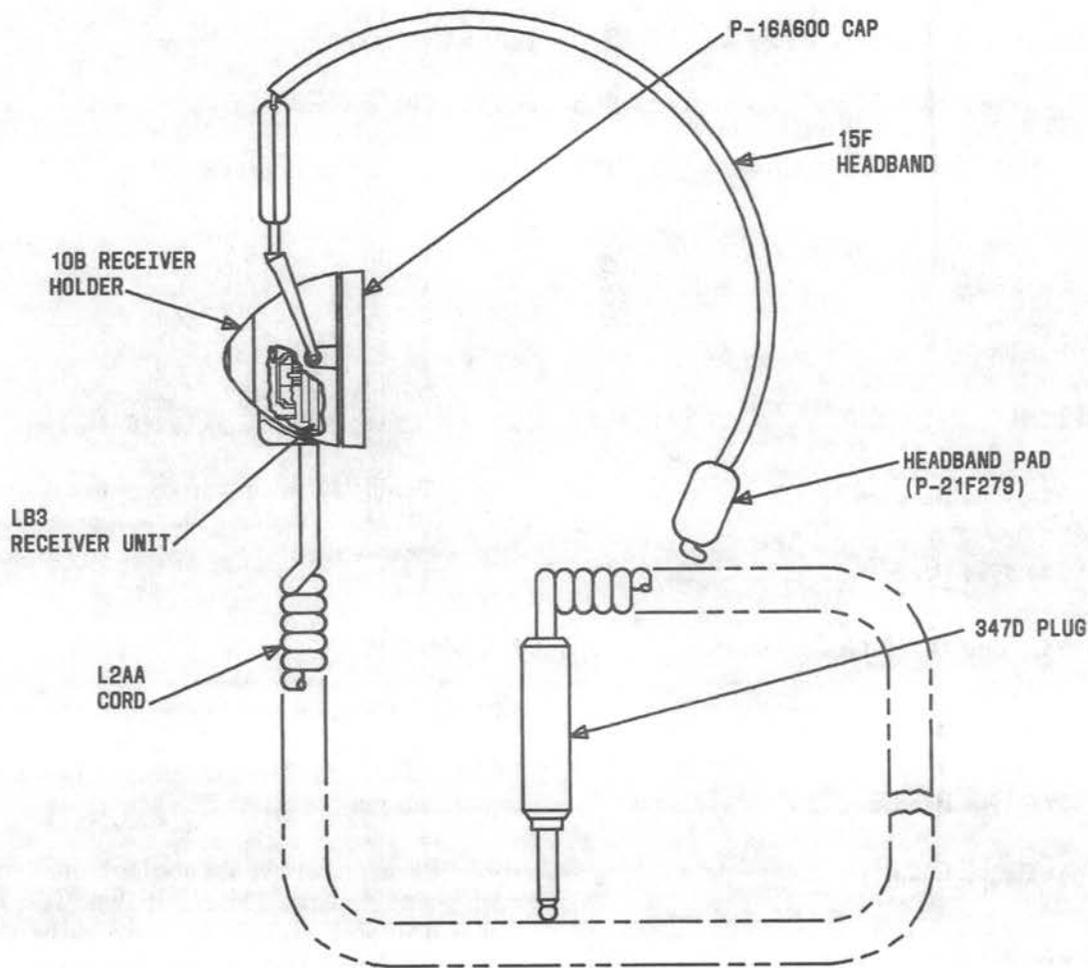


Fig. 1—1022A-Type Headset

2.02 The 1022A-type headset consists of an LB3 receiver unit mounted in a 10A receiver holder, an L2AA cord assembly, and a 15F headband.

B. 1023A-Type Headset

2.03 The 1023A-type headset (Fig. 2) is designed for monitoring 2400- and 2600-Hz tone signals used to trigger automatic severance of toll trunk connections at the end of a long distance call. It is intended for 600-ohm lines and presents a 20,000-ohm impedance to the line to minimize loading.

2.04 The 1023A-type headset consists of an LB3 receiver unit mounted in a P-80K850 housing assembly. The 1023A-type headset is equipped with an L2AJ cord, an 840211429 transformer and terminal board assembly mounted in an 840361299 housing

assembly and 840361281 cover, an L2AE cord equipped with a 354A plug, and a 19A headband.

C. 1024A- and 1024B-Type Headsets

2.05 The 1024A- and 1024B-type headsets (Fig. 3) are designed to permit a peg count analyst to plug into a multiple answering appearance of an incoming dial '0' trunk ahead of answering operator to determine the class of call by listening to the customer request.

2.06 The 1024A- and 1024B-type headsets consist of an LB5 receiver unit mounted in a P-80K850 housing assembly. The 1024A- and 1024B-type headsets are equipped with an L2AJ cord, a 596C capacitor mounted in an 840361687 housing assembly and 840361281 cover, and an L2AF and L2AG cord

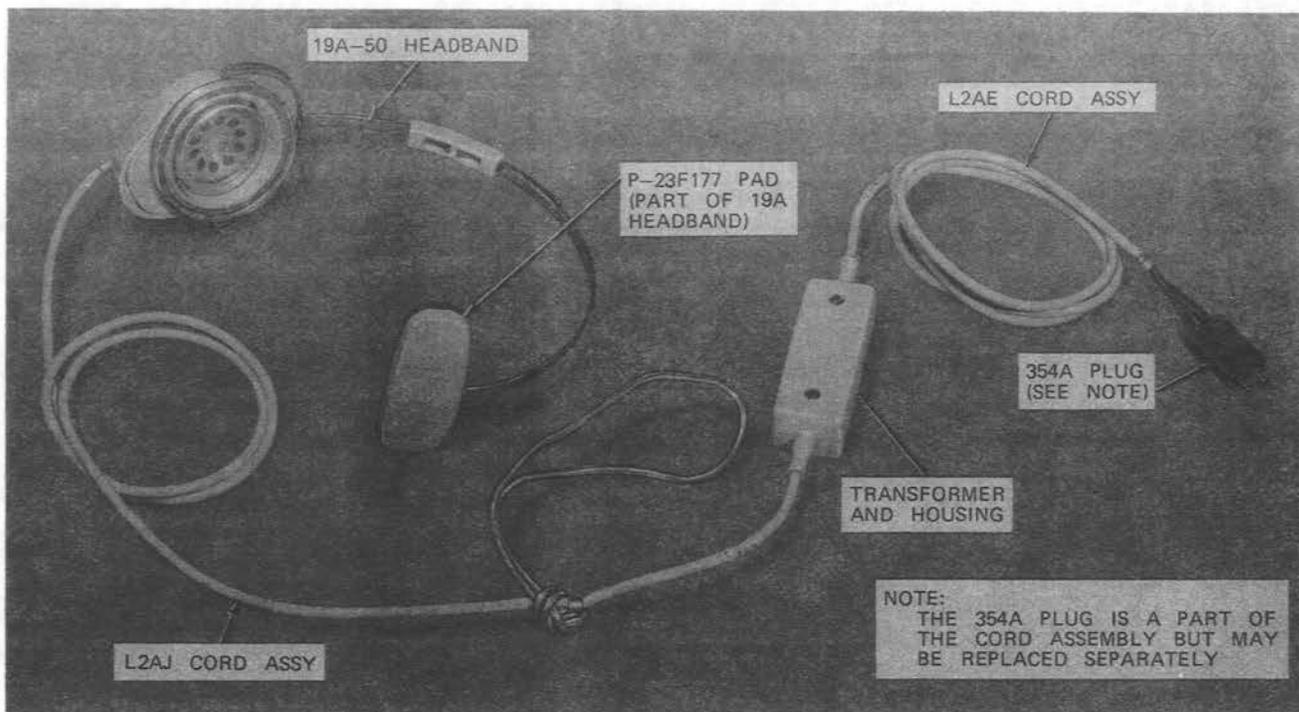


Fig. 2—1023A-Type Headset

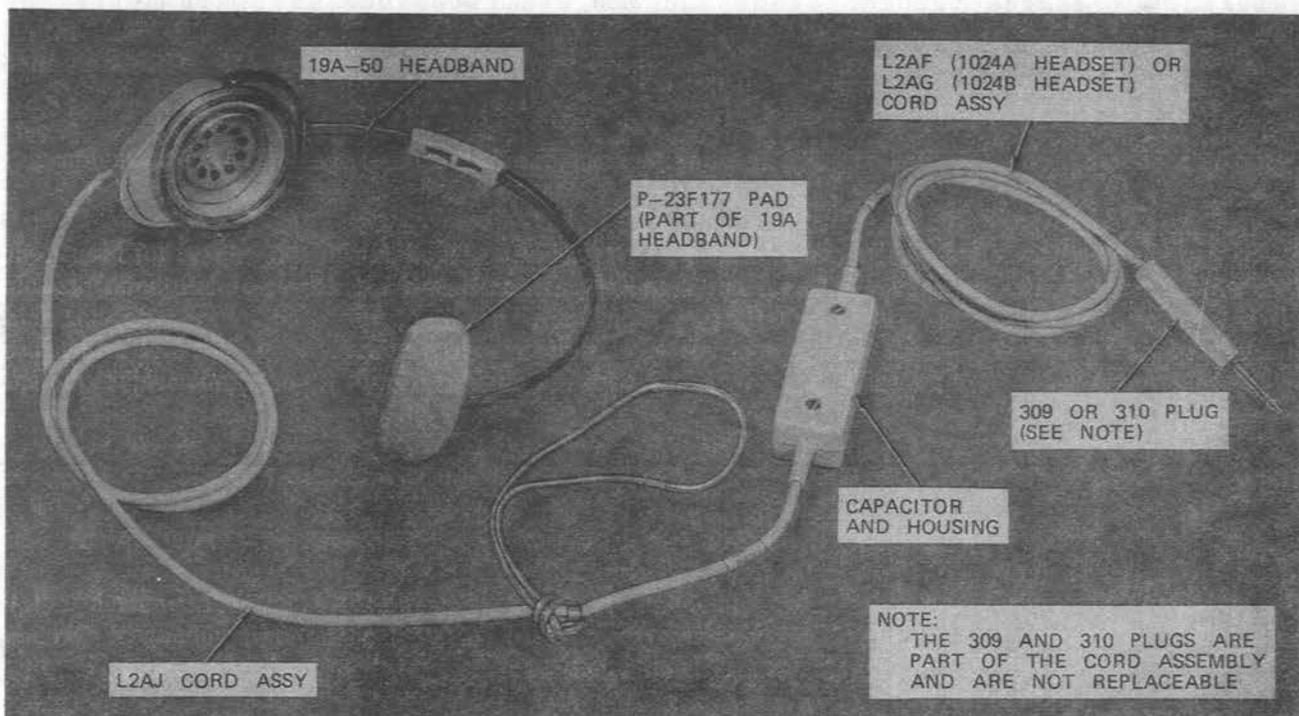


Fig. 3—1024A- And 1024B-Type Headsets

equipped with a 309A and 310A plug. The headset is also equipped with a 19A headband. The 840361687 housing assembly is equipped with pin jacks to permit bridging of a second receiver. The 1024A headset is intended for use on the 92-type jack boards. The 1024B headset is intended to be used on the 49-type jack boards.

D. 1026A-Type Headset

2.07 The 1026A-type headset (Fig. 4) is designed as an alternative to the 1020B dual headset for use at the service observing desk. The 1026A headset parallels both service observing channels at a given position and applies them to a single receiver unit. The 1026A-type headset is available in ivory (-50) color only.

2.08 The 1026A-type headset consists of an LB2 receiver unit mounted in a P-80K850 housing assembly, a modified L4CJ cord, a 464A plug, and a 19A headband.

E. 1027A-Type Headset

2.09 The 1027A-type headset (Fig. 5) is designed for bridging across the receiver circuit of a supervisor head telephone set. The 1027A-type headset is available in ivory (-50) color only.

2.10 The 1027A-type headset consists essentially of an LB5 (1500 ohm) receiver unit, an L2AL cord

assembly, and a 477A plug. The 477A plug mates with the 29A connecting block on the 52L head telephone set. It also fits the jacks on the 281A (Mfr Disc.) or 281B amplifier [60B and 61B (Mfr Disc.) head telephone sets] and the 1024A and 1024B headsets.

F. 1028A-Type Headset

2.11 The 1028A-type headset (comcode 103651675) (Fig. 6) is designed for the visually impaired operator to simultaneously receive audible information from two sources and maintain vocal contact with customers.

2.12 The 1028A-type headset consists essentially of a No. 60A-50 head telephone set with speech tube assembly and connecting L4CJ cord terminated in a 280A-50 amplifier with twin profile plug fingers; also, a No. 1026A head set with a LB2 receiver unit and connecting modified L2AM-50 cord terminating into a KS-21926, L1, plug. The L2AM-50 and L4CJ cords are held together with a slide block. The 280A-50 amplifier consists of a voice-actuated gain switched amplifier with terminal board for cord connection and twin profile plug. The amplifier gain is also level sensitive, making it possible for the 60A-50 head telephone set to provide low pressure suppression. An adjustable headband is connected to yokes which secure the No. 60A-50 head telephone set and the 1026A headset.

3. VISUAL INSPECTIONS

3.01 Inspect the headset by following the procedures listed below.

STEP	ACTION	VERIFICATION
1	Inspect for the presence of all parts.	See Fig. 1 through 6.
2	Inspect for soiled, cut, crushed, kinked, or abraded cord.	Clean or replace defective cord.
3	Inspect for stained, broken, cracked, or chipped plastic parts.	Replace headset or defective parts.
4	Inspect headband for loose yoke; missing, dirty, or damaged pad; or loose band.	Clean or replace defective parts.
5	Inspect for dirty or damaged plug profiles.	Clean or replace defective parts.

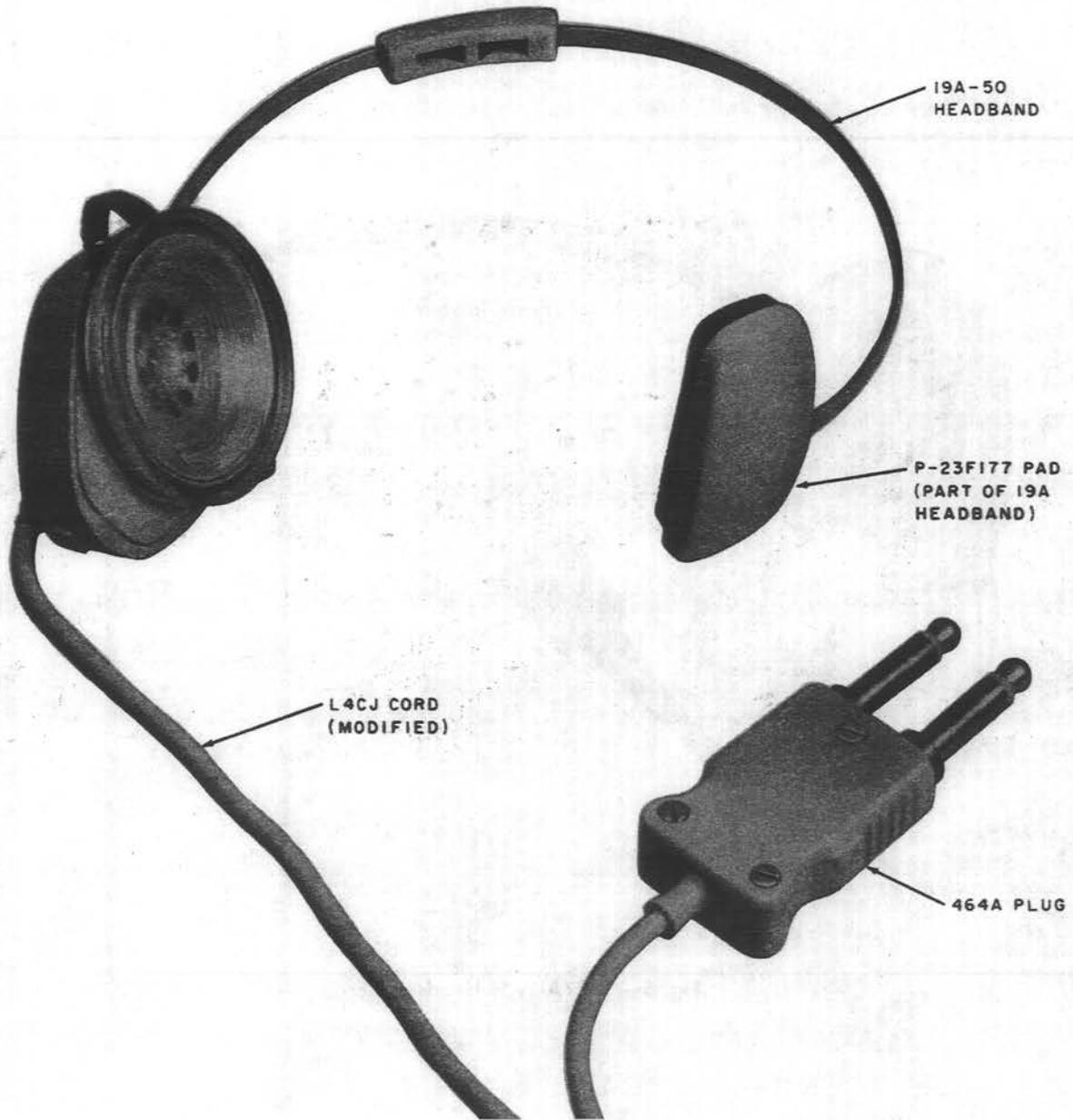


Fig. 4—1026A-Type Headset

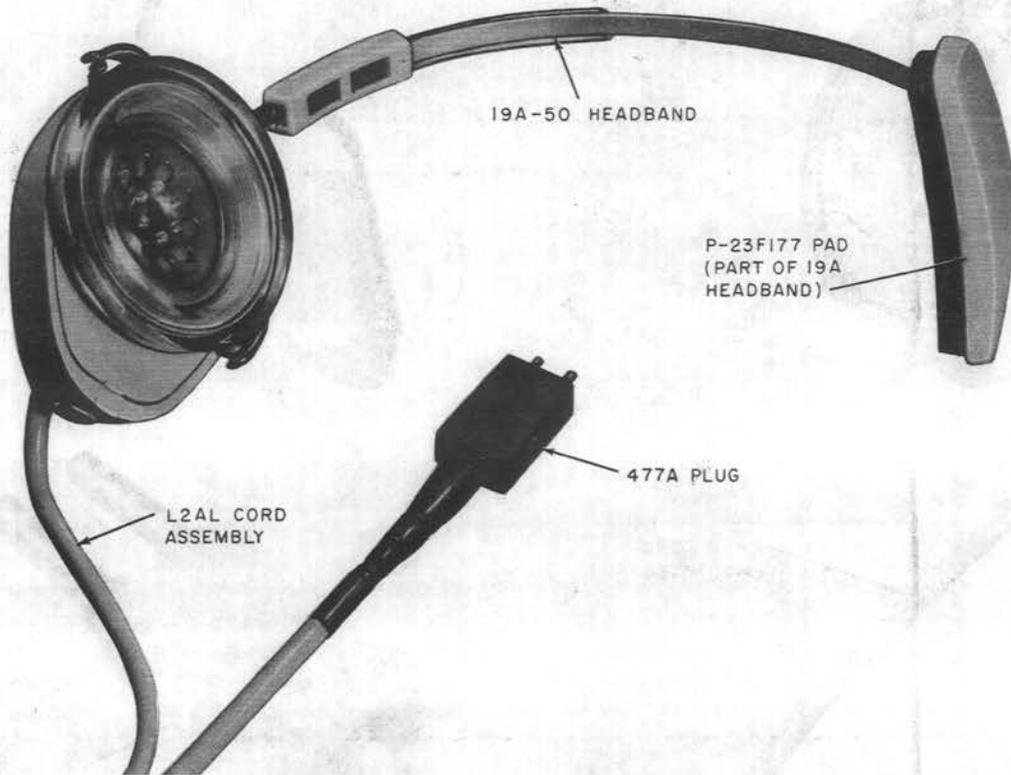


Fig. 5—1027A-Type Headset

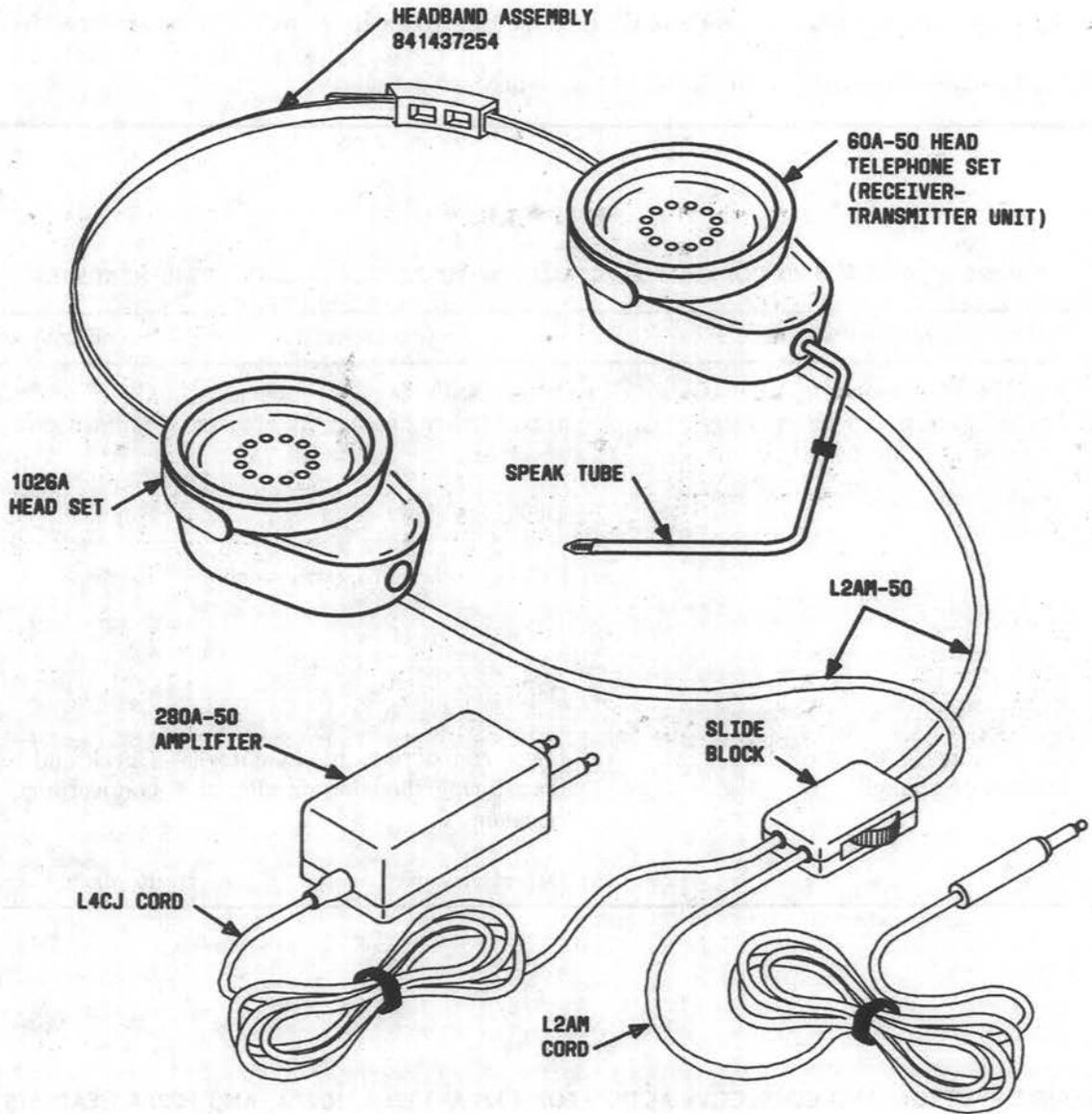


Fig. 6—1028A Headset

4. ELECTRICAL TEST

for piece-part replacement procedures.

4.01 The information listed in Tables A and B is given to aid in determining the cause and correction of any troubles. Refer to Section 028-371-811

4.02 While listening in the headset receiver, insert the plug into a suitable attendant circuit and proceed as follows:

♦TABLE A♦

TROUBLE SYMPTOM AND CORRECTIVE ACTION FOR 1023A, 1024A, AND 1024B HEADSETS

STEP	TROUBLE SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
1	No click or normal circuit noise is heard in receiver when plug is inserted into attendant circuit	(a) Loose connections in capacitor/transformer housing or plug or receiver	Check and tighten connections.
		(b) Defective cord	Replace.
		(c) Defective capacitor/transformer	Replace.
		(d) Defective receiver	Replace.
		(e) Defective plug	Replace.
2	Receiver noisy when cord is twisted or shaken	(a) Loose connections in capacitor/transformer housing or plug or receiver	Check and tighten connections.
		(b) Defective cord	Replace.

♦TABLE B♦

TROUBLE SYMPTOM AND CORRECTIVE ACTION FOR 1022A, 1026A, 1027A, AND 1028A HEADSETS

STEP	TROUBLE SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
1	No click	(a) Loose connections at plug or receiver	Check and tighten connections.
		(b) Defective cord	Replace.
		(c) Defective plug	Replace.
		(d) Defective receiver	Replace.