



GAI-TRONICS®
A HUBBELL COMPANY

Microphone Assembly Replacement Kit for RED ALERT™ Emergency Telephones

Model 12521-004

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General Information

The Model 12521-004 Microphone Assembly Replacement Kit is used in the 39x Series RED ALERT™ Emergency Telephones. The kit includes two gasket types, only one of which will be used, depending on the type of telephone (flush-mount or wall-mount) being repaired. This kit includes the following components:

Qty	Description
1	Microphone assembly with wiring (See Figure 3.)
1	Microphone shield
1	Microphone gasket (thick) for flush-mount telephone
1	Microphone gasket (thin) for wall-mount telephone

Installation

Removing the Old Microphone Assembly

1. Use a Model 233-001 Security Screwdriver (Torx T-25 security tip) to loosen and remove the front panel security screws. Field wiring will restrict complete removal of the front panel. Note all field wiring terminations to unit and disconnect field wiring to allow front panel to be placed on a working surface.
2. For the wall-mount telephone, remove the PCBA to allow access to the microphone assembly.

MODEL 12521-004 MICROPHONE ASSEMBLY REPLACEMENT KIT

- Refer to Figure 1 and Figure 2 for the microphone locations for flush-mount and wall-mount telephone, respectively. Remove the two screws holding the microphone assembly in place, and retain them.

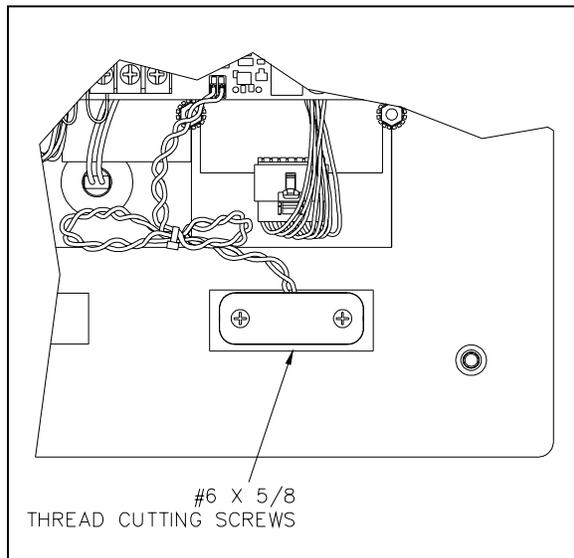


Figure 1. Microphone Location on
Flush-Mount Telephone

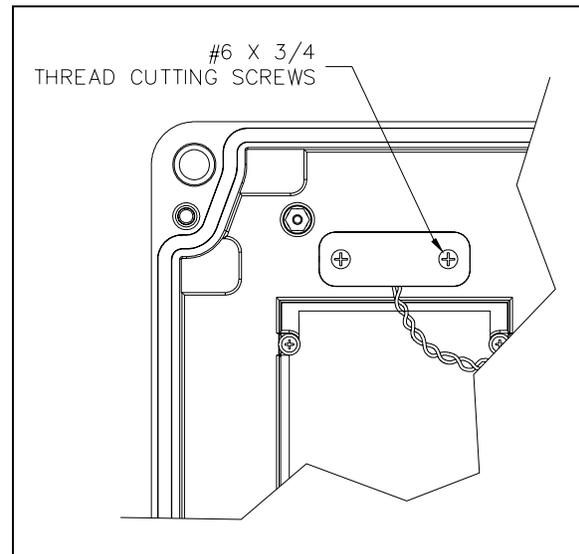


Figure 2. Microphone Location on
Wall-Mount Telephone

- Unplug the microphone wire connector and make note of the location.
- Pull the microphone assembly apart from both sides of the panel. If residual pieces of the gasket material remain on the front panel, remove them.

Installing the New Microphone Assembly

Refer to Figure 3 and Figure 4 on page 3.

- Apply the correct adhesive gasket to the back of the microphone shield, using the thicker gasket for a flush-mount telephone, or the thinner gasket for a wall-mount telephone.
- Install the microphone shield with gasket through the front panel.
- Install the microphone assembly through the rear of the front panel.
- Install the two self-tapping screws through the rear of the microphone assembly's pressure plate to secure. Cut the ties that keep the assembly together.
- Plug in the wiring connector.

NOTE: Installation of a new microphone may require the volume level to be readjusted. In this case, see the unit's original installation manual for adjustment instructions.

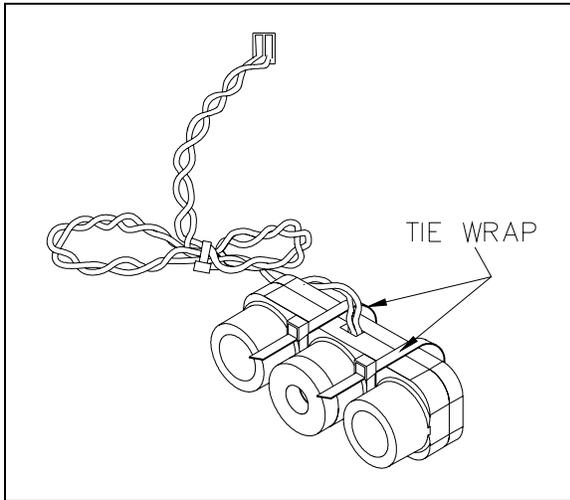


Figure 3. Microphone Assembly
(as received)

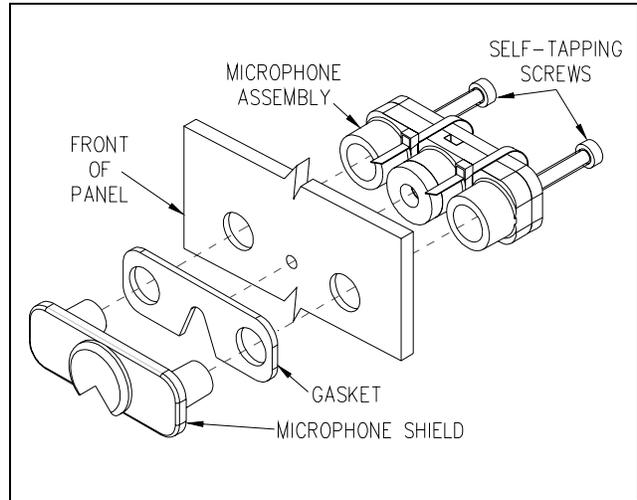


Figure 4. Assembly of Microphone Kit
to Front Panel (Exploded View)

Warranty

Equipment. GAI-Tronics warrants for a period of one (1) year from the date of shipment, that any GAI-Tronics equipment supplied hereunder shall be free of defects in material and workmanship, shall comply with the then-current product specifications and product literature, and if applicable, shall be fit for the purpose specified in the agreed-upon quotation or proposal document. If (a) Seller's goods prove to be defective in workmanship and/or material under normal and proper usage, or unfit for the purpose specified and agreed upon, and (b) Buyer's claim is made within the warranty period set forth above, Buyer may return such goods to GAI-Tronics' nearest depot repair facility, freight prepaid, at which time they will be repaired or replaced, at Seller's option, without charge to Buyer. Repair or replacement shall be Buyer's sole and exclusive remedy. The warranty period on any repaired or replacement equipment shall be the greater of the ninety (90) day repair warranty or one (1) year from the date the original equipment was shipped. In no event shall GAI-Tronics warranty obligations with respect to equipment exceed 100% of the total cost of the equipment supplied hereunder. Buyer may also be entitled to the manufacturer's warranty on any third-party goods supplied by GAI-Tronics hereunder. The applicability of any such third-party warranty will be determined by GAI-Tronics.

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Return Policy

If the equipment requires service, contact your Regional Service Center for a return authorization number (RA#). Equipment should be shipped prepaid to GAI-Tronics with a return authorization number and a purchase order number. If the equipment is under warranty, repairs or a replacement will be made in accordance with the warranty policy set forth above. Please include a written explanation of all defects to assist our technicians in their troubleshooting efforts.

Call 800-492-1212 (inside the USA) or 610-777-1374 (outside the USA) for help identifying the Regional Service Center closest to you.