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GAI-TRONICS®
A HUBBELL COMPANY

Microphone Assembly Replacement Kit for 293 & 294 Series Phones

Model 12521-002

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General Information

The Model 12521-002 Microphone Assembly Replacement Kit is used in all 293 and 294 Series Phones. This kit includes the following components:

Qty	Description
1	Microphone Assembly
1	Tie Wrap

Installation

Removing the Old Microphone Assembly

1. Use a Model 233-001 Tamper-Resistant Screwdriver to loosen and remove the four front panel tamper-resistant screws. Note that field wiring will restrict complete removal of the front panel. Record all field wiring terminations to unit and disconnect field wiring to allow front panel to be placed on a working surface.

2. Carefully cut the tie wrap that secures the speaker, hookswitch, and microphone wires to the tie anchor.

3. Unplug the microphone connector from J4 on the printed circuit board.

4. Remove the two mounting screws from the microphone assembly. See Figure 1.

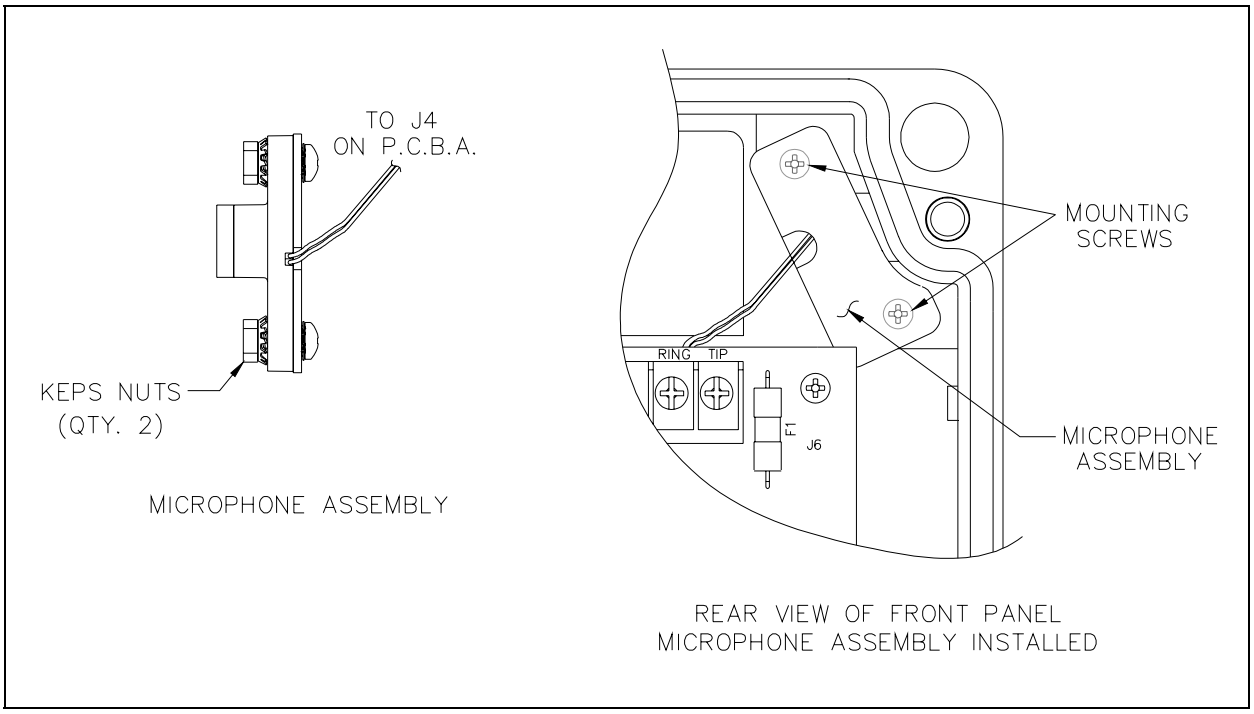


Figure 1. Microphone Assembly

Installing the New Microphone Assembly

Refer to Figure 1.

1. Remove the two Keps nuts holding the new microphone assembly together. These nuts are for shipping purposes only and are not used in the phone. Keep the two Phillips head screws. These will be used to mount the new microphone assembly to the phone.

2. Position the microphone in the front panel as shown in Figure 1 and use the screws from step one to mount the microphone in place. Make sure the wires from the microphone are not pinched by the pressure plate as you tighten the screws.

3. Route the microphone wires under the PCBA and plug the microphone connector into J4.

4. Using the supplied tie wrap re-anchor the speaker, hookswitch, and microphone wires to the tie anchor.

5. Reconnect all field wiring as noted in step 1 of the "Removing Old Microphone Assembly" section.

6. Place the front onto back box, tighten the tamper-resistant screws, and make a test call from the unit.

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.

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.