



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Speaker Volume Control Harness Assembly Replacement Kit

MODELS 61504-025 AND 61504-042

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General Information

The Model 61504-025 Kit is used on the following: Models 478-002, 9301A, 9305A, and Models 726-101 and 7265-101 equipped with Model 69139-001 Termination PCBAs.

The Model 61504-042 Kit is used on the following: Models 726-101 and 7265-101 equipped with Model 69200-001 Termination PCBAs and CSA approval.

This kit includes the following components:

Qty	Description
1	Speaker/Potentiometer Harness Assembly
1	Tie Wrap
4	Neoprene Washer
4	Speaker Clip

Installation

Removal of old harness assembly

1. Locate the speaker volume control knob on the front panel of the subset. Using a flathead screwdriver, pop out the cap in the center of the knob.
2. Using long-nosed pliers or a wrench, loosen, but do not remove, the hex nut inside the volume control knob.
3. Remove the volume knob.
4. Remove and save the collar nut securing the potentiometer to the front panel.

5. Remove and save the 4 screws securing the housing to the subset base.
6. Hinge the housing forward to access the interior of the telephone. Unplug the speaker harness connector from the printed circuit board.
7. Pull the potentiometer out through the rear of the front panel. Be sure to save the internal-toothed lockwasher on top of the potentiometer.
8. Locate the speaker. Using long-nose pliers, pinch together and remove the 4 clips securing the speaker to the housing. Be very careful not to break the plastic posts in the center of these clips, because the posts are part of the housing.
9. Carefully remove the speaker, and remove the 4 neoprene washers from the desktop housing.
10. Clip the tie wrap securing the wires of all the harness assemblies together to free the speaker volume control harness assembly wires.
11. Discard the old harness assembly, including the 4 clips and 4 neoprene washers.

Installing the new assembly

1. Place 4 new neoprene washers over the 4 plastic posts of the housing at the grill area. Install the new speaker where the old speaker was using the 4 speaker wires to the side towards the front panel. Using long-nose pliers, secure the speaker with 4 new clips. The clips should be pressed firmly against the speaker. Be careful not to break the plastic posts in the center of the clips.
2. Plug the connector onto the printed circuit board at the same place it was before.
3. Place the internal-toothed lockwasher on the potentiometer.
4. Feed the potentiometer through the front panel from the back.
5. Secure the potentiometer by tightening the collar nut on the front panel.
6. Place the volume control knob over the top of the volume control assembly.
7. Secure the knob by tightening the hex nut.
8. Snap the cap back into the knob.
9. Use the new tie wrap to secure the wires of all the harness assemblies together.
10. Secure the housing to the subset base by tightening the 4 screws.

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.

Services. Any services GAI-Tronics provides hereunder, whether directly or through subcontractors, shall be performed in accordance with the standard of care with which such services are normally provided in the industry. If the services fail to meet the applicable industry standard, GAI-Tronics will re-perform such services at no cost to buyer to correct said deficiency to Company's satisfaction provided any and all issues are identified prior to the demobilization of the Contractor's personnel from the work site. Re-performance of services shall be Buyer's sole and exclusive remedy, and in no event shall GAI-Tronics warranty obligations with respect to services exceed 100% of the total cost of the services provided hereunder.

Warranty Periods. Every claim by Buyer alleging a defect in the goods and/or services provided hereunder shall be deemed waived unless such claim is made in writing within the applicable warranty periods as set forth above. Provided, however, that if the defect complained of is latent and not discoverable within the above warranty periods, every claim arising on account of such latent defect shall be deemed waived unless it is made in writing within a reasonable time after such latent defect is or should have been discovered by Buyer.

Limitations / Exclusions. The warranties herein shall not apply to, and GAI-Tronics shall not be responsible for, any damage to the goods or failure of the services supplied hereunder, to the extent caused by Buyer's neglect, failure to follow operational and maintenance procedures provided with the equipment, or the use of technicians not specifically authorized by GAI-Tronics to maintain or service the equipment. **THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES AND REMEDIES, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

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.