



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

PCBA, Keypad, and Seal Replacement Kit

MODEL 12518-101

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General Information

The material included in this kit are replacement parts for the following telephone models:

Model	Description
240	Rugged Telephone (Metal)
246	Rugged Telephone (Non-metallic)
250	Rugged Telephone
256	Rugged Telephone

KIT CONTENTS

The Model 12518-101 PCBA Replacement Kit includes the following materials:

Item	Quantity	Description
1	1	Telephone Printed Circuit Board Assembly (PCBA)
2	1	Keypad Sealing Panel
3	2	#4 -40 × 3/8-inch machine screw (for attaching PCBA)
4	4	#4 -40 × 7/8-inch machine screw (for attaching PCBA)
5	2	Spacer - 1/8-inch

Removing the Existing PCBA and Keypad

1. Loosen the four front cover screws.
2. Pull out the front panel assembly about 6–8 inches. Disconnect the modular telephone cord.
3. Disconnect the handset, hookswitch, ringer, and keypad wires from the printed circuit board assembly (PCBA).
4. Remove the six screws securing the PCBA.
5. Remove the PCBA, gasket, and the keypad sealing panel. Discard the PCBA and seal.

Installing the New Keypad Seal and PCBA

1. Attach and secure the keypad seal and PCBA onto the front cover using the four #4 - 40 × 7/8-inch screws.
2. Slide the 1/8-inch spacers on top of the standoffs located at the bottom of the board, and fasten in place using the two #4 - 40 × 3/8-inch screws provided in this kit.
3. Make the following connections to the PCBA terminal strip.

Handset		Hookswitch		Ringer	
Terminal	Wire	Terminal	Wire	Terminal	Wire
E1	Red	E5	Blue	E7	Black
E2	Green	E6	White	E8	Gray
E3	White				
E4	Black				

4. Connect the modular telephone cord to the PCBA terminal strip.
5. Replace the front cover assembly onto the rear enclosure. Replace and tighten the four front cover screws.
6. Check telephone for dial tone.

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.

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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.