



**GAI-TRONICS® CORPORATION**  
A HUBBELL COMPANY

# Hookswitch Assembly Replacement Kit

Model 12512-002

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## General Information

The Model 12512-002 Kit is intended for use on GAI-Tronics Model 22x and 27x Series Telephones. The kit includes the following parts:

Qty.	Description
1	Cradle/Hookswitch Assembly
3	Screws
1	Gasket
1	Cable tie

## Removing the Old Assembly

1. Remove the front panel screws and remove the front panel from the enclosure. Retain the screws.
2. Lift out the panel on the Model 22x-x0x units. Remove the back box from the Model 27x-x0x units.
3. Remove all wires from TB1 on models with the suffix -001. Remove the red (Ring) and green (Tip) wires from TB1 on models with the suffix -003, and -005. See Figure 3, Figure 4 and Figure 5, respectively. Unplug P11 power plug on models with the suffix -700. See Figure 6.
4. Disconnect the blue and white reed switch wires from the PCBA. The location will vary depending on model. See Figure 3 through Figure 6 for the location on your specific model.
5. Cut the cable tie used to bundle the wires together.
6. Remove the three screws that secure the handset to the front panel. See Figure 1.
7. Remove the two screws securing the armored cord block. See Figure 1.

8. Pull the handset cradle and hookswitch block with the reed switch attached away from the front panel.
9. Remove the handset cradle gasket from the front panel.

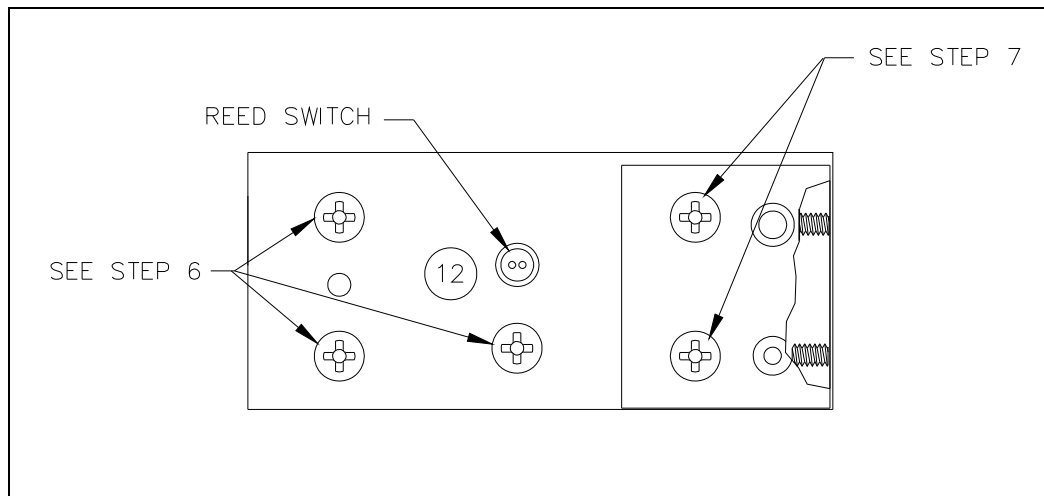


Figure 1.

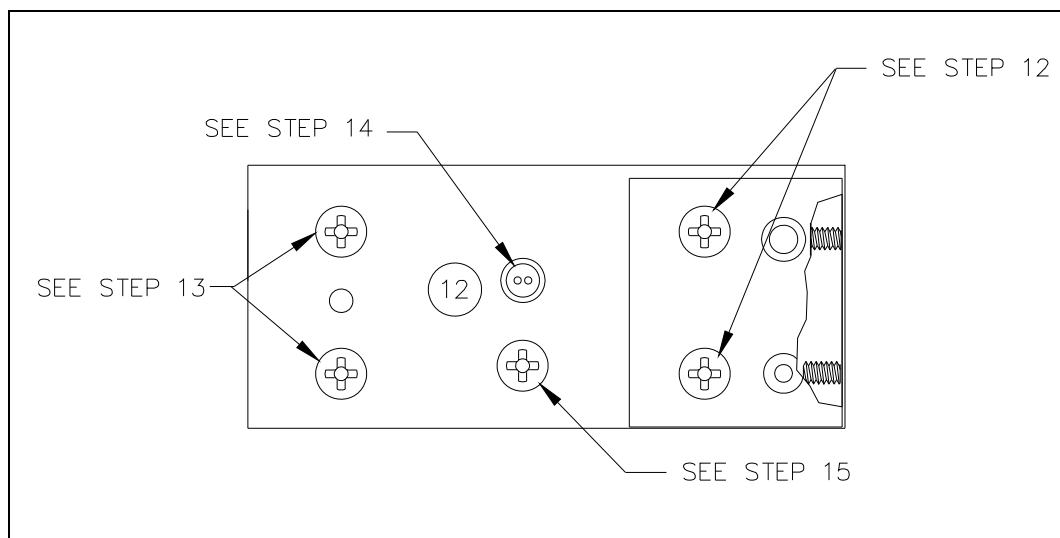


Figure 2.

## Installing the New Assembly

10. Apply the new gasket to the front panel.
11. Line up the mounting holes and mount the chrome handset cradle on the front panel gasket.
12. Secure the chrome cradle on the right side with two long screws through the armored cord block. See Figure 2.
13. Secure the cradle on the left side with the two short screws. See Figure 2.

14. Thread the leads of the reed switch through the center top hole. See Figure 2.
15. Attach the hookswitch mounting block with the single screw. See Figure 2.
16. Tighten all screws to compress the gasket.
17. Plug spades on the blue and white wires into the appropriate E-clips on the PCBA. For models with the suffixes -001, -005, and -700, see Figure 3, Figure 5 and Figure 6, respectively. For models with the suffix -003, clip off the spade lugs and strip the wire ¼ inch and install the leads into terminal block TB1 on the PCBA. See Figure 4.

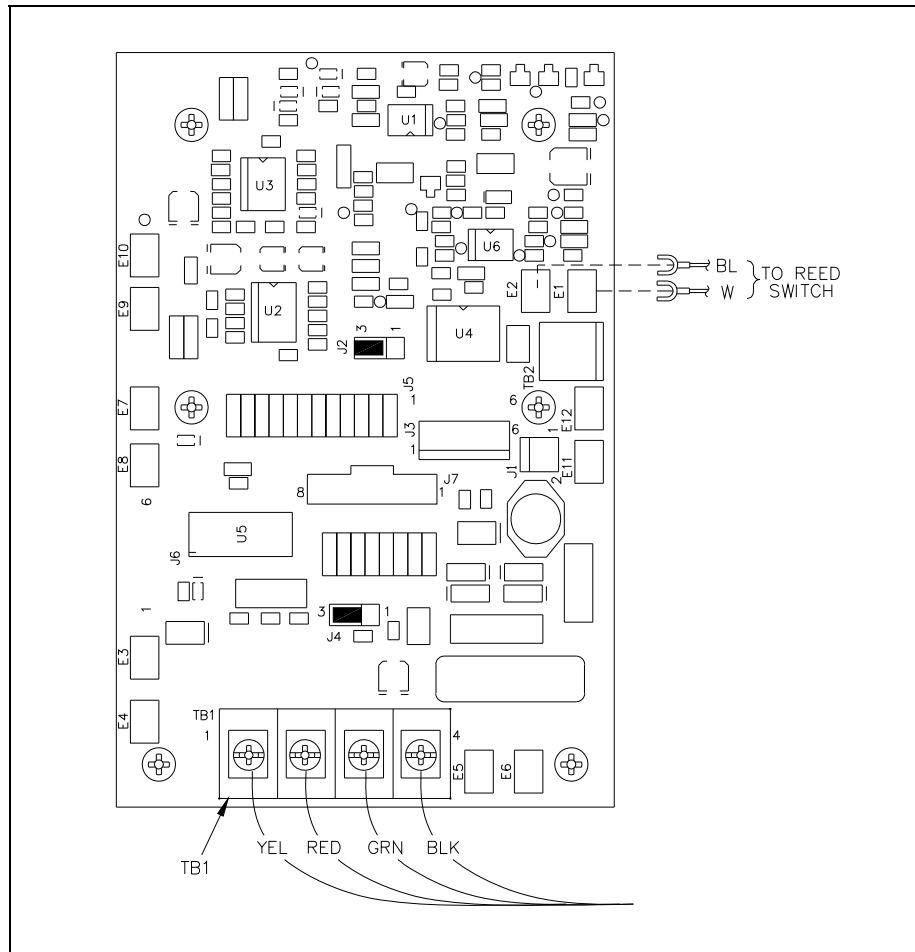


Figure 3. Models with -001 suffix

18. Bundle the wires as before with the cable tie included in this kit.
19. For models with the suffix -001, reconnect wires to TB1 as shown in Figure 3.  
For models with the suffixes -003, and -005, reconnect the red (Ring) and green (Tip) wires to TB1.  
For models with the suffix -700, reconnect the power cord to P11 on the PCBA.
20. Replace the front panel and secure using the screws retained from step 1.
21. Test the on-hook/off-hook function to confirm proper installation.

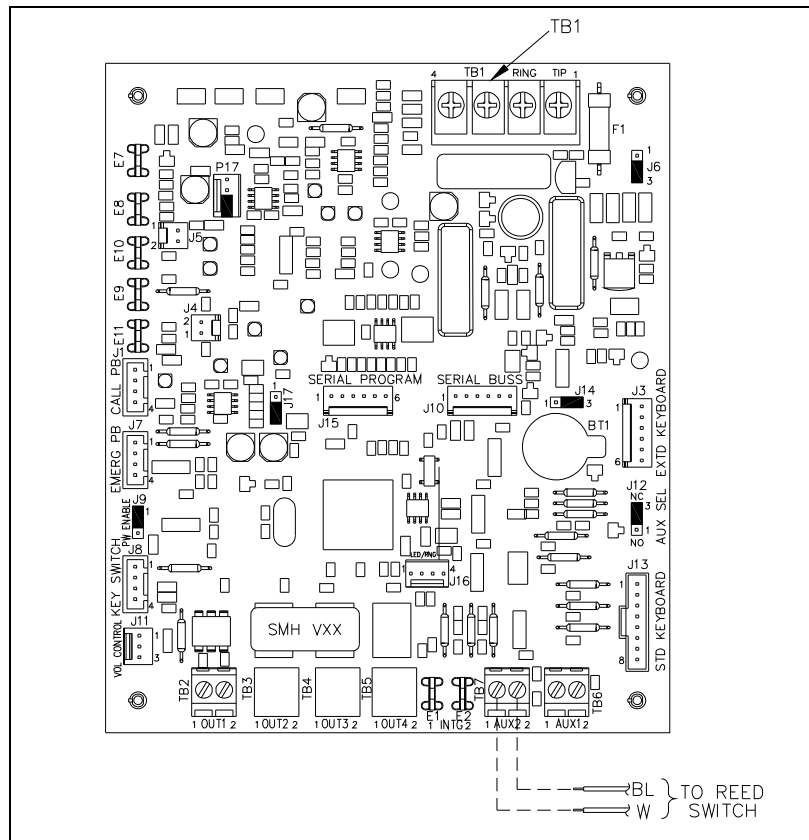


Figure 4. Models with -003 suffix

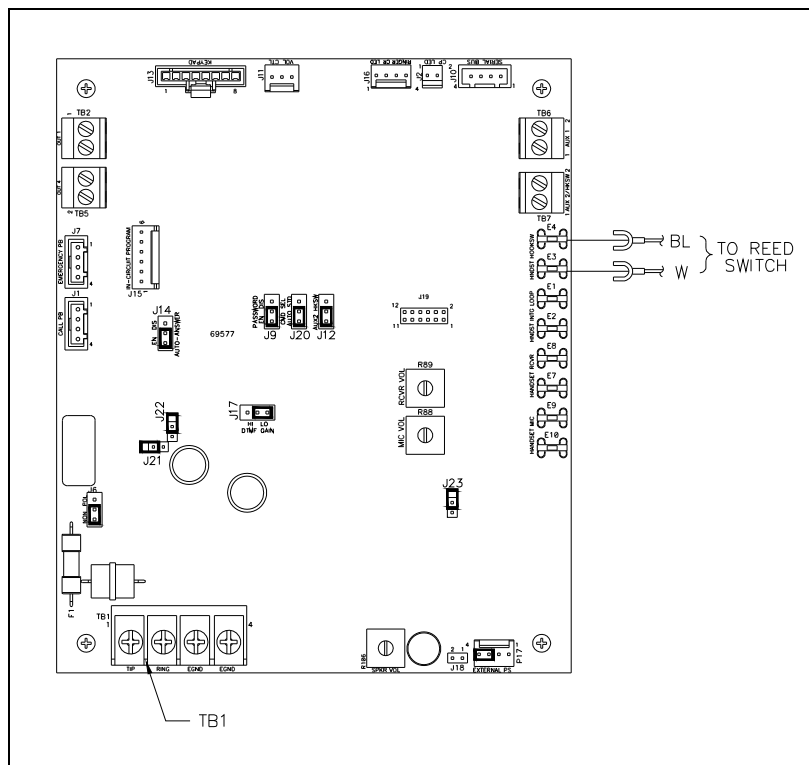
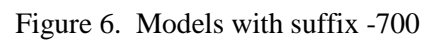


Figure 5. Models with -005 suffix



# Warranty

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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

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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.