Hookswitch Assembly Replacement Kit

Model 12512-012

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General Information

The Model 12512-012 Hookswitch Assembly Replacement Kit is designed for use on the following telephones:

- 210-x0x Series
- 27x-x0xBH Series

This kit contains the following components:

<table>
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<tr>
<th>Qty</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Cradle/Hookswitch Assembly with Gasket</td>
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<tr>
<td>1</td>
<td>Cable tie</td>
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Model 210-x0x and 210-x0xBH Series Telephones

Remove the Old Assembly

1. Remove the four tamper-resistant front cover screws securing the phone to the mounting plate. Retain the screws (See Figure 1).

2. **Model 210-00x/210-00xBH Series**—Disconnect the red, green, yellow, and black wires from terminal block TB1 on the Industrial Telephone PCBA (See Figure 2).
   **Model 210-70x/210-70xBH Series**—Disconnect the power plug, the network cable, and any auxiliary input/output cables from the VoIP Telephone PCBA (See Figure 3).

3. Disconnect the blue and white reed-switch spade connectors from the E-clips on the PCBA (See Figure 2 or Figure 3).

4. Cut the cable tie used to bundle the wires together.

5. Loosen the two cradle mounting screws securing the handset cradle to the front cover assembly (enough to slide the cradle up in the slotted holes).

6. Slide the cradle with attached reed-switch wires up and then pull it away from the front cover assembly.

7. Remove the screws from the cradle and retain for reassembly.

8. Remove any gasket residue from the front cover.

Figure 1. Model 210-001BH and 210-700BH—Front Cover Removal
(Other Models Similar)
Install the New Assembly

1. Screw the cradle mounting screws retained from Step 6 above into the cradle, leaving ¼ inch of the screws exposed from the base of the cradle.

2. Thread the blue and white reed-switch wires through the center hole in the side of the enclosure.

3. Insert the heads of the cradle mounting screws through the largest part of the slotted holes on the enclosure, push the cradle down in the enclosure mounting slots, and then tighten the cradle mounting screws to secure the cradle.

4. Plug the spade connectors on the blue and white reed switch wires onto E-Clips on the PCBA (See Figure 2 and Figure 3).

5. Bundle the wires as before with the cable tie included in the kit.

6. **Model 210-00x/210-00xBH Series**—Reconnect the red, green, yellow, and black wires to terminal block TB1 on the Industrial Telephone PCBA (See Figure 2).

   **Model 210-70x/210-70xBH Series**—Reconnect the network cable, power cable, and any auxiliary input/output cable plugs on the VoIP Telephone PCBA (See Figure 3).

7. Replace the front cover and secure it (using the screws retained in Step 1 of the removal instructions above).

8. Test the on hook/off hook functionality of the telephone to ensure successful installation.

![Figure 2. Industrial Telephone PCBA Connections](image-url)
Model 27\textit{x}-x0\textit{x}BH Series Telephones

Remove the Old Assembly

1. Remove the six tamper-resistant front cover screws securing the phone to the wall or enclosure. Retain the screws for reassembly (See Figure 4).
2. Carefully pull the phone away from the mounting surface. If the telephone is mounted in a backbox, remove it by removing the four screws or nuts from the back of the backbox. Retain all hardware.
3. If necessary, pull the backbox away from front panel and set it aside.
4. \textbf{Model 27\textit{x}-001BH Series Telephones}—Disconnect the red, green, yellow, and black wires from terminal board TB1 on the Industrial Telephone PCBA (See Figure 2).
   \textbf{Model 27\textit{x}-700BH Series Telephones}—Disconnect the power plug, network cable, and any auxiliary input/output cables from the VoIP Telephone PCBA (See Figure 3).
5. Disconnect the blue and white reed-switch E-clips from the PCBA (See Figure 2 or Figure 3).
6. Cut the cable tie used to bundle the wires together.
7. Remove the two screws that secure the handset cradle to the front cover assembly. It may be necessary to loosen or remove the VoIP Telephone PCBA to access the screw heads on the Model 276-700 Series and 277-700 Series Telephones. Retain the screws for reassembly (See Figure 5 or Figure 6).
8. Pull the handset cradle with the reed-switch and attached wires away from and out of the front cover.
9. Remove any gasket residue from the front cover.
Figure 4. 276-x0xBH Series Telephone Front Cover Removal
Install the New Assembly

1. Thread the blue and white reed-switch leads through the top center hole on the front cover assembly (See Figure 4).

1. Secure the cradle to the front panel (using the screws retained from Step 7 of the removal instructions above. See Figure 5 or Figure 6).

2. If necessary, reinstall the VoIP Telephone PCBA (if loosened or removed in Step 7 above).

3. Attach the spade connectors on the blue and white reed-switch wires to the E-Clips on the PCBA (See Figure 2 or Figure 3 for the exact location).

4. Bundle the wires as before with cable tie included in the kit.

5. **Model 27x-001BH Series Telephones**—Reconnect the red, green, yellow, and black wires to terminal board TB1 on the Industrial Telephone PCBA (See Figure 2).

   **Model 27x-700BH Series Telephones**—Reconnect the power plug, network cable, and any auxiliary input/output cables to the VoIP Telephone PCBA (See Figure 3).

6. If the assembly had a backbox, reinstall it (using the hardware retained in Step 2 of the removal instructions above).

7. Install the front panel to the mounting surface (using the screws retained in Step 1 of the removal instructions above).

8. Test the on hook/off hook function to ensure the installation was successful.

![Figure 5. Models 27x-001BH Series—Front Panel Assembly—Interior View](image-url)
Figure 6. Models 27x-70xBH Series—Front Panel Assembly—Interior View
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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.