



Solid

Accent Window

Full Window

6-foot Double Door

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**Note:** This manual contains care and maintenance information for your new Wenger Acoustical Door. Keep this manual for future reference by maintenance personnel.

**Note:** Personnel must read and understand the Acoustical Door Care and Maintenance Manual before performing any maintenance on this product.

**Note:** If you need additional information about your Acoustical Door, write, email, or telephone Wenger Corporation at the addresses or number below.

**Note:** Two people must work together for some assembly steps.

# SAFETY

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Throughout this manual you will find **Cautions** and **Warnings** which are defined as follows.



- **Warning** means that failure to follow the instruction may result in serious injury or death.
- **Caution** means that failure to follow the instruction may result in injury or damage to property.

Read and understand the following safety instructions before installing the Cover Panel.

## GENERAL

 <b>WARNING</b>	 <b>CAUTION</b>	 <b>CAUTION</b>
<p><i>The Acoustical Door is very heavy. Keep hands and feet clear of the door pathway when opening or closing the door. Failure to observe this warning can result in serious injury.</i></p>	<p><i>Acoustical Door use must comply with the instructions contained in this Owner's Manual. Failure to observe this warning can result in serious injury or damage to property.</i></p>	<p><i>Always observe and comply with Warnings and Cautions posted on the system equipment.</i></p>

## INSTALLATION

 <b>WARNING</b>	 <b>CAUTION</b>	 <b>CAUTION</b>
<p><i>Always wear a hard hat when installing or removing Acoustical Door components. Failure to observe this warning can result in serious injury.</i></p>	<p><i>Always wear gloves, safety glasses, and safety shoes when installing or removing Acoustical Door components or when replacing any broken glass. Failure to observe this warning can result in serious injury.</i></p>	<p><i>Make sure that anyone who helps assemble the Acoustical Door has read and understands this manual.</i></p>

# MAINTENANCE

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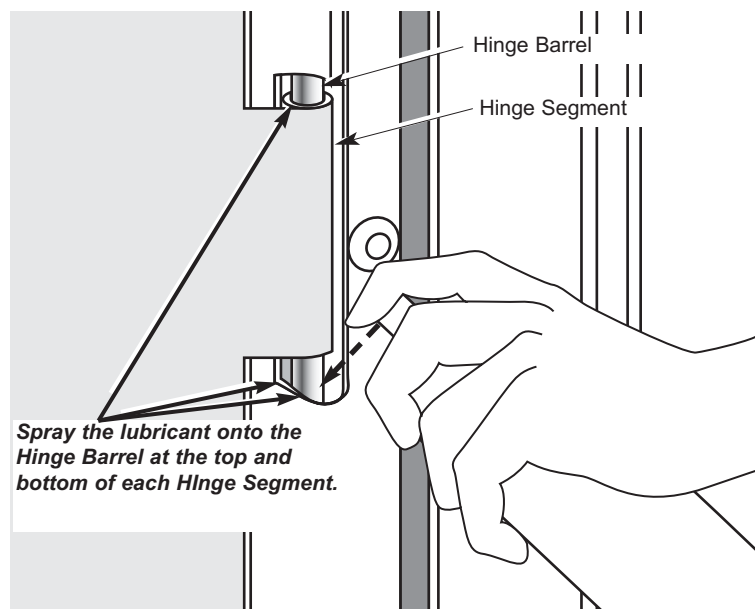
## CLEANING

1. Clean the Acoustical Door baked primer finish as follows.
  - a. Use a clean cotton cloth, a mild detergent and water.
  - b. Never use harsh detergents or abrasive products.
2. Clean the Acoustical Door with paint applied to the baked primer according to the paint manufacturer's cleaning recommendations.
3. Clean the Acoustical Door glass as follows.
  - a. Use a commercial glass cleaner (follow the glass cleaner manufacturer's cleaning recommendations).
  - b. Never use abrasive cleaners or products that leave a film residue.

## HINGE LUBRICATION

Every six months lubricate each hinge segment with *Slick 50 One Lube* or an equivalent PTFE Lubricant as follows.

1. Open the door as wide as possible.
2. Spray each hinge barrel with the lubricant coating the hinge pin.
3. Spray the bearing surfaces of each segment.
4. Wipe off any excess lubricant.
5. Allow the lubricant to dry before using the door.



## MAGNETIC AND COMPRESSION SEALS

The door seals are designed to provide years of trouble-free operation. Over time, wear or damage may occur that may degrade the door performance. To ensure good door acoustical performance, periodically do as follows:

1. Inspect all compression and magnetic seals for excessive wear, cracks, scuff marks and any other damage.
2. Replace seals that are worn or damaged. Contact Wenger Corporation for replacement seals and kits.

## MAINTENANCE CONTINUED

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### WINDOW GLASS REPLACEMENT

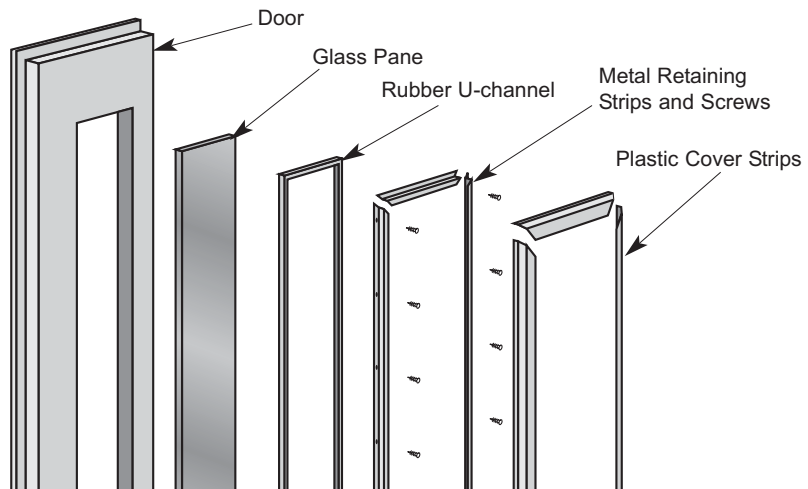
To replace a broken window pane, obtain a replacement pane at any qualified glass supplier. Glass specifications are:

- Pull side of door:** 1/4"-thick laminated glass for non-fire-rated doors  
1/4"-thick UL approved wire glass for fire-rated doors
- Push side of door:** 3/8"-thick laminated glass for non-fire-rated doors  
3/8"-thick laminated glass for fire-rated doors.

**Note:** If the panes of glass are broken on both the push and pull sides of the door and are replaced at the same time, make sure to purchase and install the proper thickness of glass for each side.

Replace a pane of glass on its own side of the door as follows.

1. Remove the Plastic Cover Strips. These must be replaced each time a pane of glass is replaced. Call Wenger Corporation Customer Service (800-326-8474) for replacement parts.
2. Remove the Screws and Metal Retaining Strips around the frame.
3. Carefully remove the Rubber U-channel from the old pane.
4. Remove any broken glass or other debris from the door.
5. Attach the Rubber U-channel to the new pane pushing the rubber together in the corners.
6. Clean the inside glass surface thoroughly.
7. Set the pane in place and re-attach the Screws and Metal Retaining Strips.
8. Wash the surface of the Metal Retaining Strips with isopropyl alcohol.
9. Peel the Protective Backing from the new Plastic Cover Strip Adhesive and attach the Plastic Cover Strips to the Retainer Strips.
10. Be sure to align the corners carefully.
11. Wash the outside glass surface thoroughly.



The identification, location, and order of glass replacement parts is the same for both the push and pull sides. The only difference between the two sides is the thickness of the glass. Make certain to install glass with the correct thickness on the appropriate side of the door if replacing glass for both sides at the same time.

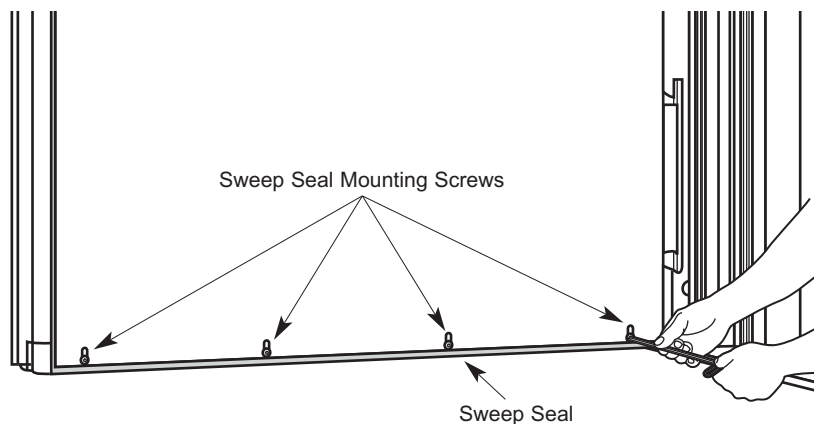
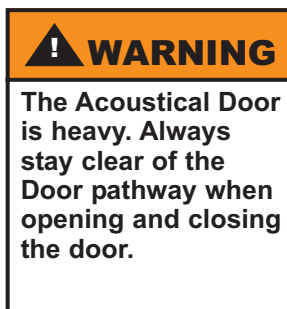
## MAINTENANCE CONTINUED

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### SWEEP SEAL ADJUSTMENT

Adjust the Sweep Seal as follows.

1. Open the Door wide enough to access all of the Sweep Seal Mounting Screws.
2. Loosen the four Sweep Seal Mounting Screws.
3. Move the Sweep Seal all the way down in the slots and close the door slowly. You will need to be on the push side of the Door when it is closed.
4. With the Door closed, tighten the Sweep Seal Mounting Screws.
5. Check the gap between the Sweep Seal and the Sill Cover Plate by sliding a credit card or similar item between the Sweep Seal and the Sill Cover Plate.
  - a. The card should meet slight resistance all along the length of the Sweep Seal.
  - b. If the card slides without resistance, loosen the Sweep Seal Mounting Screw in that area, move the seal down, and retighten the Screw.
  - c. If there is too much resistance, loosen the Sweep Seal Mounting Screw in that area, lift the Sweep Seal slightly and retighten the Screw.
6. As a further check, have another person shine a flashlight or other bright light along the Sweep Seal on the opposite side of the door.
  - a. No light should be visible between the Sweep Seal and the Sill Cover Plate.
  - b. Make any additional adjustments so that no light should be visible between the Sweep Seal and the Sill Cover Plate.
7. Close the Door and note the closing force.
  - a. If the Door closes with resistance, loosen the screws, move the Sweep Seal upward slightly and retighten the screws.
  - b. Check the sweep seal fit again and adjust as necessary.
8. Continue checking and making adjustments until the Door and Sweep Seal adjustment is satisfactory (no light is visible and the door closes without resistance).
9. Make certain all four Sweep Seal Mounting Screws are tight.

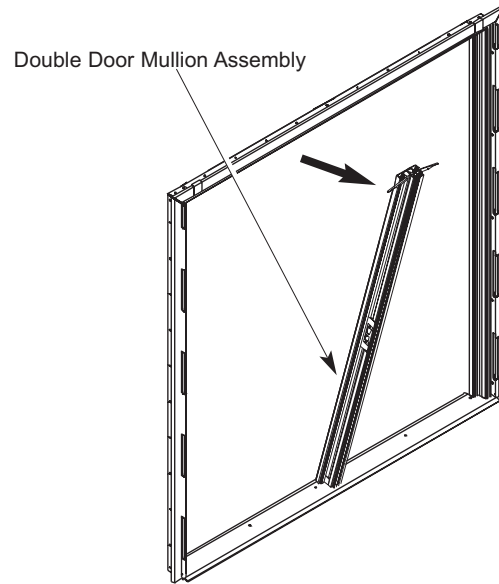
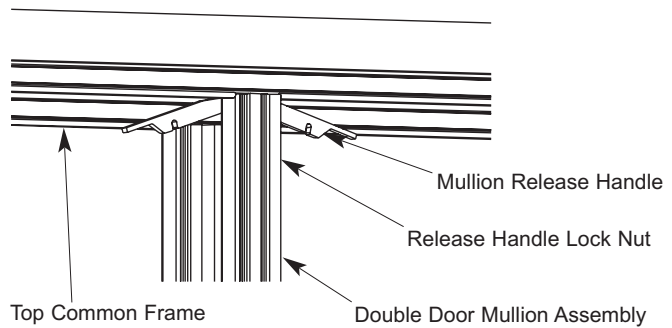


# DOUBLE DOOR MULLION

## REMOVING THE MULLION ASSEMBLY

To remove the Double Door Mullion Assembly, do as follows.

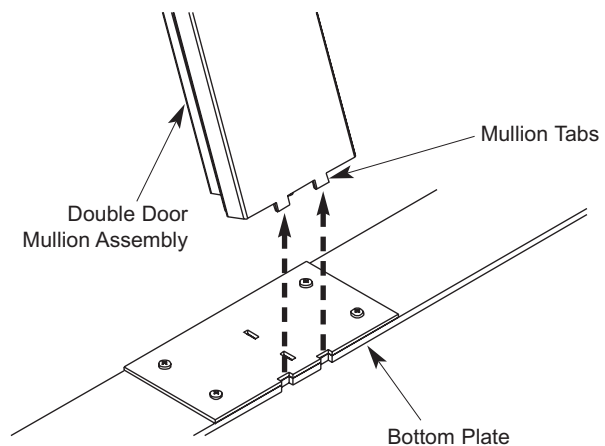
1. Locate the two Mullion Release Handles, one on each side of the Mullion between the two seals.
2. Using a 7/16-inch open end wrench, loosen the two Release Handle Lock Nuts enough to move the Release Handles.
3. Swing both Handles upward as shown in the illustration below. Make sure that the engagement tabs on the two Release Handles are clear of the Top Common Frame.
4. Grasp the Mullion Assembly just below the Release Handles and pull the Mullion outward.
5. Lift the Mullion Assembly upward so that the Mullion Tabs are clear of the Holes in the Bottom Plate.
6. Set the Mullion aside.



## RE-INSTALLING THE MULLION ASSEMBLY

To re-install the Mullion Assembly, do as follows.

1. Insert the Mullion Tabs into the Holes in the Bottom Plate as shown at the right.
2. Push the top of the Mullion Assembly into the cut-out in the Top Common Frame until the Mullion is seated against the Frame and the Mullion Assembly is flush with the front of the Top Common Frame.
3. Swing the Mullion Release Handles downward until the Mullion is locked to the Top Common Frame.
4. Using a 7/16-inch open end wrench, tighten the two Release Handle Lock Nuts.



**! WARNING**

The Acoustical Door components are heavy. Two people should always work together when moving or handling door components.

**! CAUTION**

Always wear safety glasses, safety shoes, and heavy work glove when working on the Acoustical Door to avoid serious injury.

## **TROUBLESHOOTING**

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<b>Problem</b>	<b>Solution</b>
Door makes a noise when opening or closing.	<ol style="list-style-type: none"><li>1. Check the alignment of the hinge pin.<ol style="list-style-type: none"><li>a. Make sure that it is straight in both directions.</li><li>b. Adjust the mounting screws.</li><li>c. Add or remove mounting shims to align the pin.</li></ol></li><li>2. Clean any dust or debris from the hinge cam surfaces and hinge pin.</li><li>3. Lubricate the hinges.</li></ol>
Door is difficult to open or close.	<ol style="list-style-type: none"><li>1. Check the Sweep Seal adjustment (see page 4).</li><li>2. Adjust the door closer following the manufacturer's instructions.</li><li>3. Make sure that the magnetic seals or compression seals are correctly located and are in good condition.</li></ol>
The magnetic or compression seals do not touch the leaf when the door is closed.	<ol style="list-style-type: none"><li>1. Make sure that the door is fully closed.</li><li>2. Check the seals for wear or damage and replace as necessary.</li><li>3. Check the in-out alignment of the leaf. Refer to the Acoustical Door Installation and Owner's Manual for information regarding door alignment.</li></ol>

## **WARRANTY**

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The Acoustical Door is guaranteed free of defects in materials and workmanship for five full years.

Our guarantee assures you of either a full refund or repair or replacement of the defective materials or workmanship without charge, at the discretion of our Customer Service Department. Just call a Customer Service Representative at 1-800-887-7145 and state the reason you are dissatisfied. If a product return is necessary, your representative will issue a return authorization. This is your sole remedy for breach of this warranty.

Should you have a question or problem with any Wenger product, don't hesitate to call, even if the product is past warranty. It's important to us that all our customers be satisfied.

This is the sole warranty made by Wenger. Wenger disclaims all other warranties, including the warranties of merchantability and fitness for a particular purpose, as well as all liability for incidental, consequential, special, and indirect damage. Wenger liability for direct damages shall be limited to the amount you paid for the product involved. Wenger reserves the right to make product changes without obligation to incorporate such changes into products previously sold.

Some states do not allow the exclusion or limitation of damages or warranties, so the above may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.