Note: Please read and understand these Assembly and Owner’s Instructions before assembling the parts.

Note: Remove all items from the shipping cartons and arrange them in a convenient location. Refer to the illustrations on the following pages. If you need additional information, contact the Wenger Corporation using the information below.

Visit the Signature Choral Risers web page at www.wengercorp.com for detailed instructions and videos.

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SAFETY PRECAUTIONS

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 serious injury or damage to property.

Read all of the safety instructions before assembling or using the Signature Choral Riser.

![CAUTION](image1)

*Make sure that anyone working on the Signature Choral Riser has read and understands this manual.*

![CAUTION](image2)

*Failure to comply with Warnings and Cautions in this document can result in damage to property or serious injury.*
**IMPORTANT USER INFORMATION**

**GENERAL**
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In no event will Wenger Corporation be liable for technical or editorial omissions made herein, nor for direct, indirect, special, incidental, or consequential damages resulting from the use or defect of this manual.

The information in this document is not intended to cover all possible conditions and situations that might occur. The end user must exercise caution and common sense when assembling or installing Wenger Corporation products. If any questions or problems arise, call Wenger Corporation at 1-800-733-0393.

**MANUFACTURER**
The Signature® Choral Riser 3-Step Model is manufactured by:

Wenger Corporation
555 Park Drive
Owatonna, MN 55060
1-507-455-4100 • 1-800-733-0393
www.wengercorp.com

**INTENDED USE**
- This product is designed to be an elevation step for vocal groups.
- This product is intended for indoor use in normal ambient temperature and humidity conditions — it must not be exposed to prolonged outside weather conditions.
- This product is intended to be assembled only as described in these instructions.

**WARRANTY**
This product is guaranteed free of defects in materials and workmanship for fifteen full years from date of shipment. A full warranty statement is available upon request.
PARTS LIST

HARDWARE PACK

Fasteners are shown actual size.

(2) Carriage Bolt, 3/8-16 x 1
(2) Carriage Bolt, 3/8-16 x 1-3/4
(4) Socket Screw, 3/8-16 x 2-3/4
(8) Nut, Lock, 3/8-16
(6) Nut, Jam Lock, 3/8-16
(For Use On Back Rail Only)
(4) Carriage Sleeve
(2) Velcro Strip

7/32" Hex Key Wrench (supplied)

A 9/16” Socket or Combination Wrench is also required for assembly but is not supplied.
## Parts List Continued

### Step Assembly

<table>
<thead>
<tr>
<th>Item</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1st Step</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>2nd Step</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>3rd Step</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Unit Connector Bracket</td>
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</table>

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</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>Screw, SM, 1/4-20 x 1, Self Drill</td>
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<tr>
<td>6</td>
<td>2</td>
<td>Capscrew, GD2, ZP, 5/16-18 x 5/8</td>
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<td>7</td>
<td>12</td>
<td>Wing Nut, 3/8-16</td>
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### Chassis Assembly

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<thead>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>3-Step Carriage</td>
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<tr>
<td>2</td>
<td>4</td>
<td>Caster</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Back Rail Guide</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>Velcro Loop, 1.75&quot;</td>
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</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
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<tbody>
<tr>
<td>5</td>
<td>4</td>
<td>Carriage Bolt, 5/16-18 x 5/8</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>Carriage Bolt, 5/16-18 x 3/4</td>
</tr>
<tr>
<td>7</td>
<td>10</td>
<td>Nut, Lock, 5/16-18</td>
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<tr>
<td>8</td>
<td>2</td>
<td>Truss Support</td>
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FASTENERS AND PARTS LIST CONTINUED

STRINGER ASSEMBLY

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<th>Item</th>
<th>Qty</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>Stringer Assembly</td>
<td>2</td>
<td>2</td>
<td>Plug, 1-1/4</td>
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BACK RAIL ASSEMBLY

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<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>Back Rail Upright Tube</td>
<td>3</td>
<td>2</td>
<td>Back Rail End Cap</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Back Rail Horizontal Tube</td>
<td>4</td>
<td>6</td>
<td>Plug, 1-1/4 OD</td>
</tr>
</tbody>
</table>
**BEFORE ASSEMBLY**

Each riser is shipped in two cartons, one shorter carton containing the chassis and the hardware pack and one longer carton containing the Back Rail and Steps.

Assembling a riser will likely involve kneeling. Use carpeting, a rug, or the cardboard carton to soften a hard floor and prevent scratching riser surfaces.

Risers should be assembled indoors, in a well-lighted space with a level floor. Choose an area close to the performance space. Make sure risers will fit through doors between the assembly area and the performance space.

---

**CAUTION**

*Set up and use the riser only on flat, solid surfaces.*

---

One person can assemble a riser, but two people will make the job easier.

**ATTENTION!!!**

The following assembly instructions are intended for the risers to be used in an Arc Configuration. For use in a Straight Configuration, alternating riser sets must be assembled with the Steps and Back Rail reversed. See “Straight Configuration” on page 16.

---

**Arc Configuration**

---

**Straight Configuration**
**ASSEMBLY**

**CHASSIS ASSEMBLY**

1. Remove the Chassis Assembly, Stringer Assemblies, Truss Supports and Hardware Pack from the carton. Place the Chassis Assembly (wheels down) on the floor.

2. Cut and remove the plastic shipping bands.

3. Position the Truss Support inside the Chassis Frame with the square hole at the top and angled towards the outside.

4. Insert a 3/8-16 x 1" (short) Carriage Bolt through both of the aligned holes from the backside of the Chassis Assembly and the Truss Support.

5. Secure both Carriage Bolts with a 3/8-16 Lock Nut.

6. Rotate the Truss to align with the square holes at the top of the Truss Supports.

8. Place both Stringer Assemblies on the threaded studs of the Chassis Assembly.

9. Place a Carriage Sleeve over each of the four threaded studs.

10. Secure the Stringer Assemblies and Sleeves using a 3/8-16 Lock Nut on each of the four threaded studs. Tighten the Locking Nuts securely.
ASSEMBLY CONTINUED

BACK RAIL ASSEMBLY

1. Remove the Upright Tubes, Horizontal Tubes and Steps from the carton.
2. Remove the End Caps from the bottom end of both Upright Tubes and set them aside.
   
   *Note: Do not discard the End Caps, they will be re-attached later.*

3. Cut and remove the plastic band securing the Bracket at the rear of both Stringer Assemblies.
4. Insert the open bottom end of one Upright Tube into the Guide Plate.
5. Attach the Upright Tube to the Bracket with two 3/8-16 x 2-3/4” Socket Screws.
   
   *Note: It may be necessary to lift up on the Chassis Assembly slightly to get the Screws started.*
6. Repeat steps 4 and 5 for the other Upright Tube.
7. Securely tighten all four Screws.
ASSEMBLY CONTINUED

BACK RAIL ASSEMBLY CONTINUED

8. Locate the three Horizontal Tubes. Remove and discard the protective rubber caps from each of the threaded studs.

9. Insert the threaded studs of the Horizontal Tubes through the predrilled holes in the front side of the Upright Tubes. Attach them with six 3/8-16 Jam Lock Nuts and tighten securely.

WARNING

The Back Rail Assembly must remain attached at all times. Removal can cause riser instability and could result in injury.
ASSEMBLY CONTINUED

STEP ASSEMBLY

1. Remove the four Wing Nuts from each of the three Steps and set them aside.

   *Note: Do not discard the Wing Nuts, they will used to attach the Steps to the Riser.*

2. Start with the longest Step at the top and place the Steps on the Stringer Assemblies in descending order with the widest end at the rear as shown. Fit the threaded studs in the proper holes in the Stringer Assembly.

3. Secure the Steps using the Wing Nuts. Turn the Wing Nuts as tight as possible by hand (or gently using a pliers).

![Completed Step, Back Rail and Chassis Assembly](image-url)

![Wing Nut](image-url)
**FINAL ASSEMBLY**

1. Lift up on the Lower Step to fold the riser to the Storage Position.
2. Replace the End Caps at the bottom of the Upright Tubes.
3. Note where the edge of the Lower Step contacts the surface of the Upright Tubes. Apply a piece of Velcro to both of the Upright Tubes at the points of contact to protect the painted surfaces.

**SAFETY CHECK**

With the riser in the Performance Position, check the fasteners for tightness:

a. Six Locking Nuts on the Chassis.
b. Four Screws on the Back Rail Upright Tubes.
c. Six Locking Nuts on the Back Rail Horizontal Tubes.
d. Twelve plastic Wing Nuts (four under each Step).
MOVING AND STORING RISERS

The Riser must be put into the Storage Position to be moved and stored. To place the Riser in the Storage Position:

1. Lift up on the First Step and fold it up to the Back Rail.

2. The Riser can now be moved and stored.

3. To place the Riser in the Set Up Position, lower the First Step to the ground.

⚠️ CAUTION

*Set up and use the riser only on flat, solid surfaces.*
CONNECTING MULTIPLE RISER UNITS

Risers can be connected to additional units using the Unit Connector Brackets installed on the Steps. To connect risers together:

1. Roll an additional riser to be aligned as close as possible with the riser already placed in the Performance Position.
2. Unfold the riser into the Performance Position, setting the Rear Step onto the Rear Bracket of the already placed riser.
3. Lift the Front Step of the already placed riser over the Front Bracket of the additional riser.
4. If necessary, shift the positioning of the connected risers to fit tightly together.

**WARNING**

Adjoining risers can separate during use unless they are connected using the attached Unit Connector Brackets.

**CAUTION**

Unused Unit Connector Brackets can cause injury.
The previous assembly instructions were for Arc Configurations. To arrange risers in a Straight Configuration, every other riser in the configuration must have the positioning of the Steps and the Back Rail Horizontal Tubes reversed.

1. With the riser in the Performance Position, remove the four Wing Nuts from the underside of each Step.
2. Remove each Step and rotate 180 degrees. Reattach the rotated Steps in reverse order with the longest Step at the front and the shortest Step at the rear. Reattach the Wing Nuts to the underside of each Step.
3. Remove the Back Rail Horizontal Tubes by removing the Locking Nuts on the rear side of the Upright Tubes. Reattach the Horizontal Tubes through the rear side of the Upright Tubes and secure the Lock Nuts from the front side.