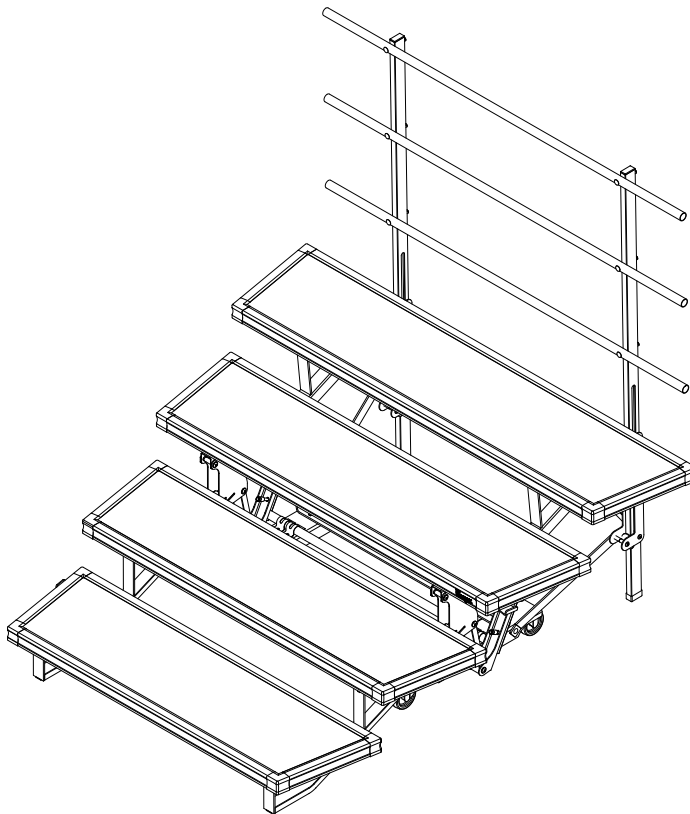


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Your Performance Partner

Assembly/Owner's Manual
Signature® Choral Riser
4-Step Model



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

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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.

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
<i>Make sure that anyone working on the Signature Choral Riser has read and understands this manual.</i>

 CAUTION
<i>Failure to comply with Warnings and Cautions in this document can result in damage to property or serious injury.</i>

IMPORTANT USER INFORMATION

GENERAL

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The information in this manual is subject to change without notice and does not represent a commitment on the part of Wenger Corporation. Wenger Corporation does not assume any responsibility for any errors that may appear in this manual.

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 4-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.

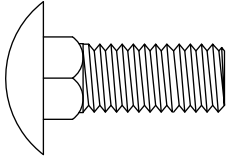
WARRANTY

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.

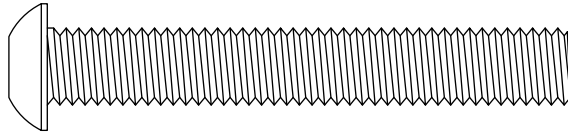
PARTS LIST

HARDWARE PACK

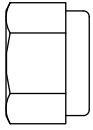
Fasteners are shown actual size.



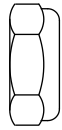
(2) Carriage Bolt, ZP,
3/8-16 x 1



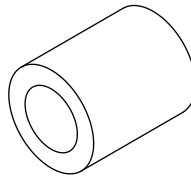
(4) Socket Screw, B HD, 3/8-16 x 2-3/4



(10) Nut, Lock,
NY.IN, Full,
ZP, 3/8-16



(6) Nut,
Jam Lock,
NY.IN, ZP, 3/8-16
(For Use On Back Rail Only)



(4) Carriage Sleeve,
SIG, ZP

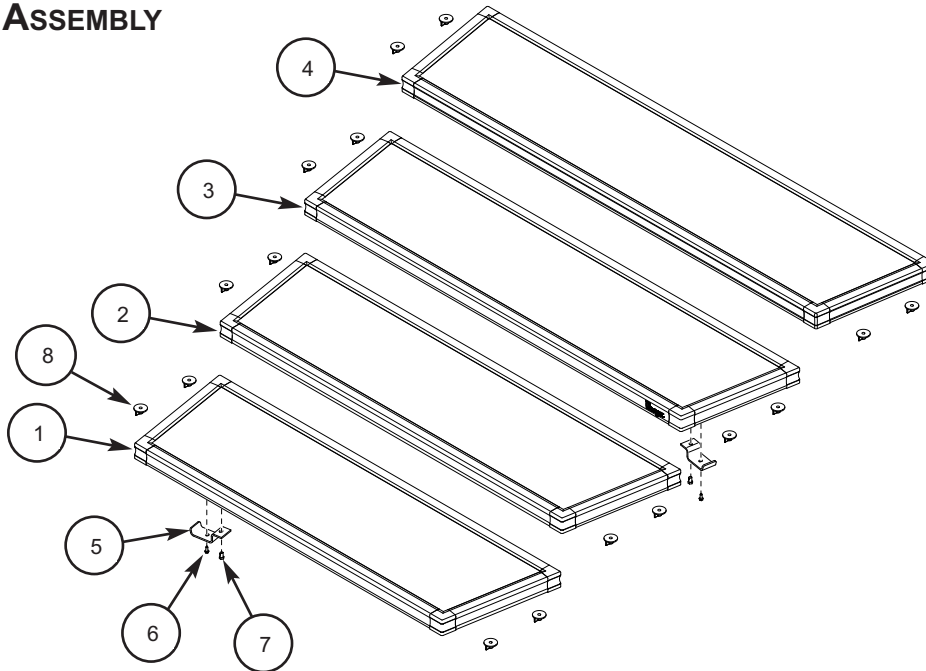


7/32" Hex Key Wrench
(supplied)

A 9/16" Socket or Combination Wrench is also required for assembly but is not supplied.

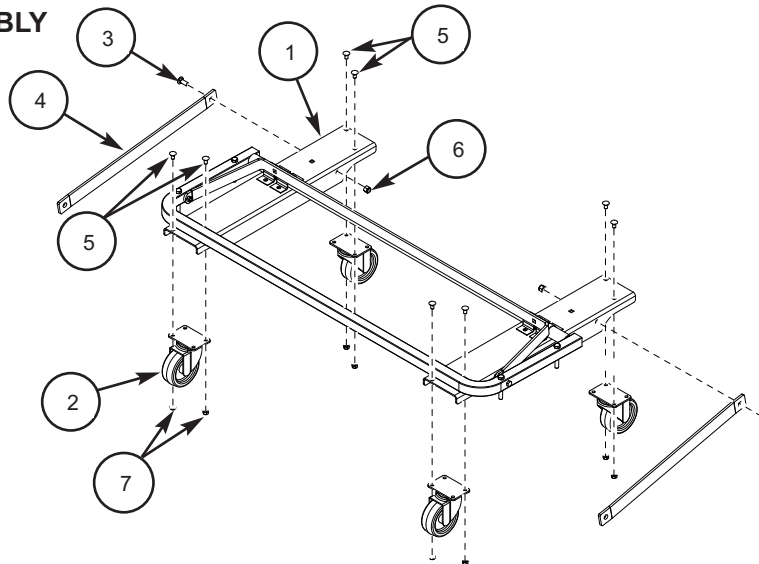
PARTS LIST CONTINUED

STEP ASSEMBLY



Item	Qty	Description	Item	Qty	Description
1	1	1st Step	5	2	Unit Connector Bracket
2	1	2nd Step	6	2	Screw, SM, 1/4-20 x 1, Self Drill
3	1	3rd Step	7	2	Capscrew, GD2, ZP, 5/16-18 x 5/8
4	2	4th Step	8	16	Wing Nut, 3/8-16

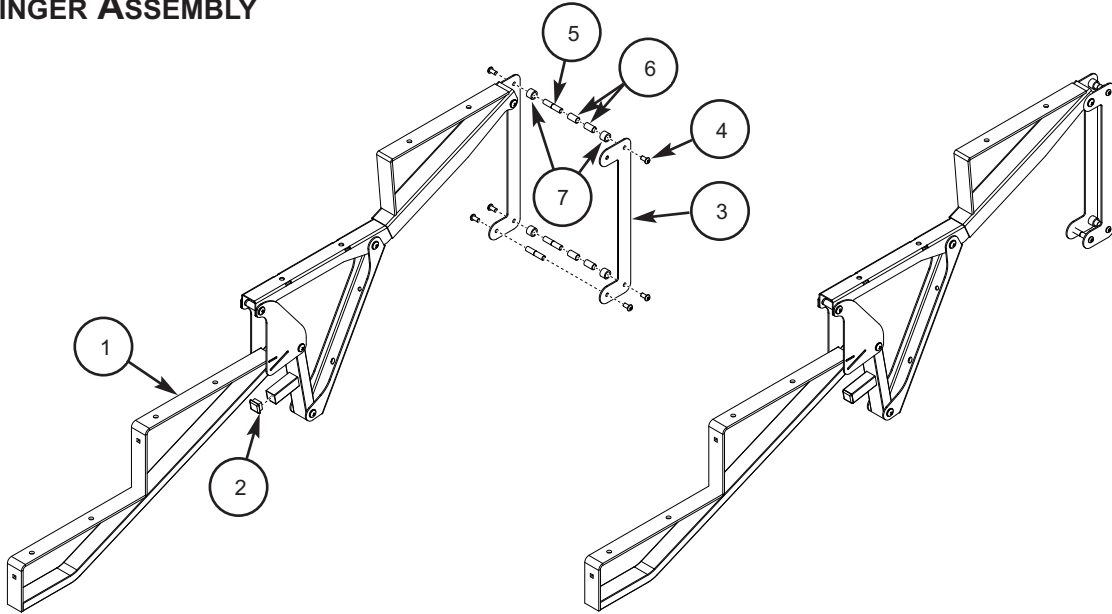
CHASSIS ASSEMBLY



Item	Qty	Description	Item	Qty	Description
1	1	4-Step Carriage	5	8	Carriage Bolt, ZP, 5/16-18 x 5/8
2	4	Caster	6	2	Nut, Lock, NY.IN, Thin, ZP, 3/8-16
3	4	Carriage Bolt, ZP, 3/8-16 x 1	7	8	Nut, Lock, NY.IN, Thin, ZP, 5/16-18
4	2	4-Step Back Rail Link			

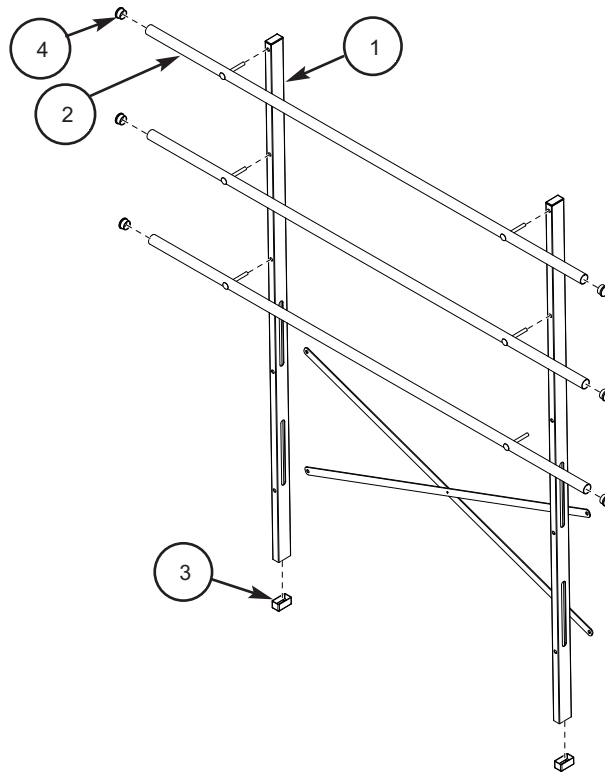
FASTENERS AND PARTS LIST CONTINUED

STRINGER ASSEMBLY



Item Qty	Description	Item Qty	Description	Item Qty	Description			
1	2	Stringer Assembly	4	6	Socket Screw, B HD, 3/8-16 x 3/4	7	8	Nylon Spacer, 0.913 x 0.635 x 0.641
2	2	Plug, 1-1/4	5	4	Bushing, 3/8-16			
3	2	Back Rail Plate	6	4	Bearing Sleeve, 1/2" Dia			

BACK RAIL ASSEMBLY



Item	Qty	Description	Item	Qty	Description
1	2	Back Rail Upright Tube	3	2	Back Rail End Cap
2	3	Back Rail Horizontal Tube	4	6	Plug, 1-1/4 OD

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.

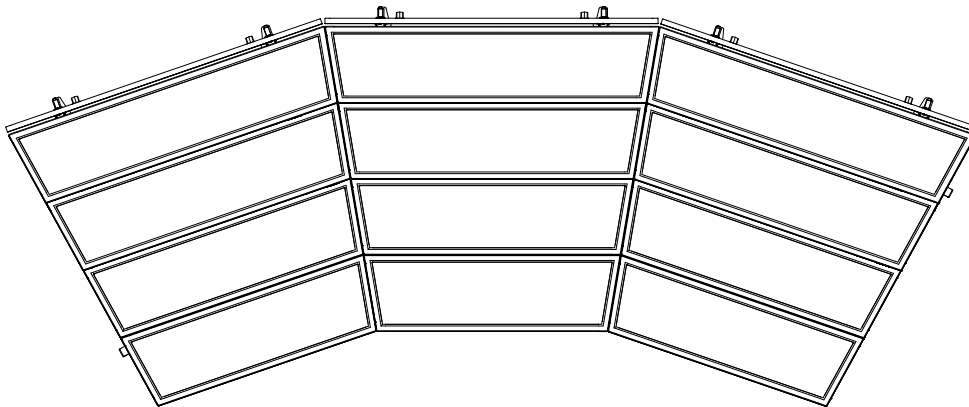
⚠ CAUTION
Set up and use the riser only on flat, solid surfaces.

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

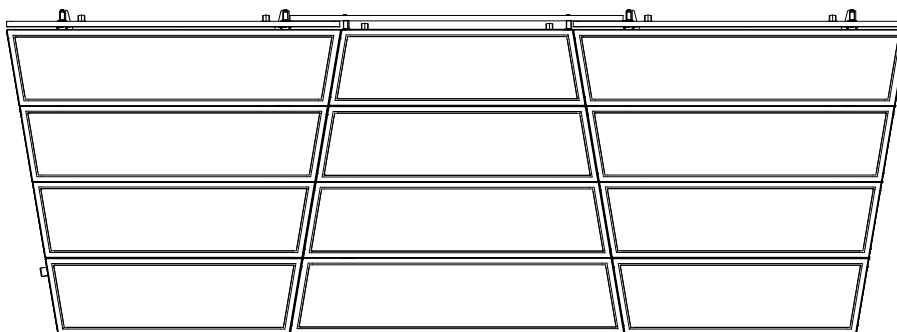
ATTENTION!!!

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 15.

Arc Configuration



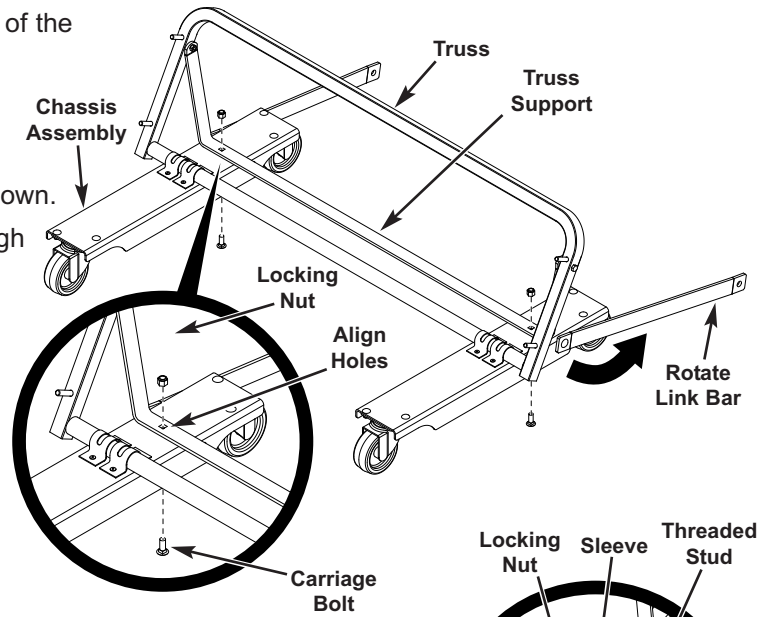
Straight Configuration



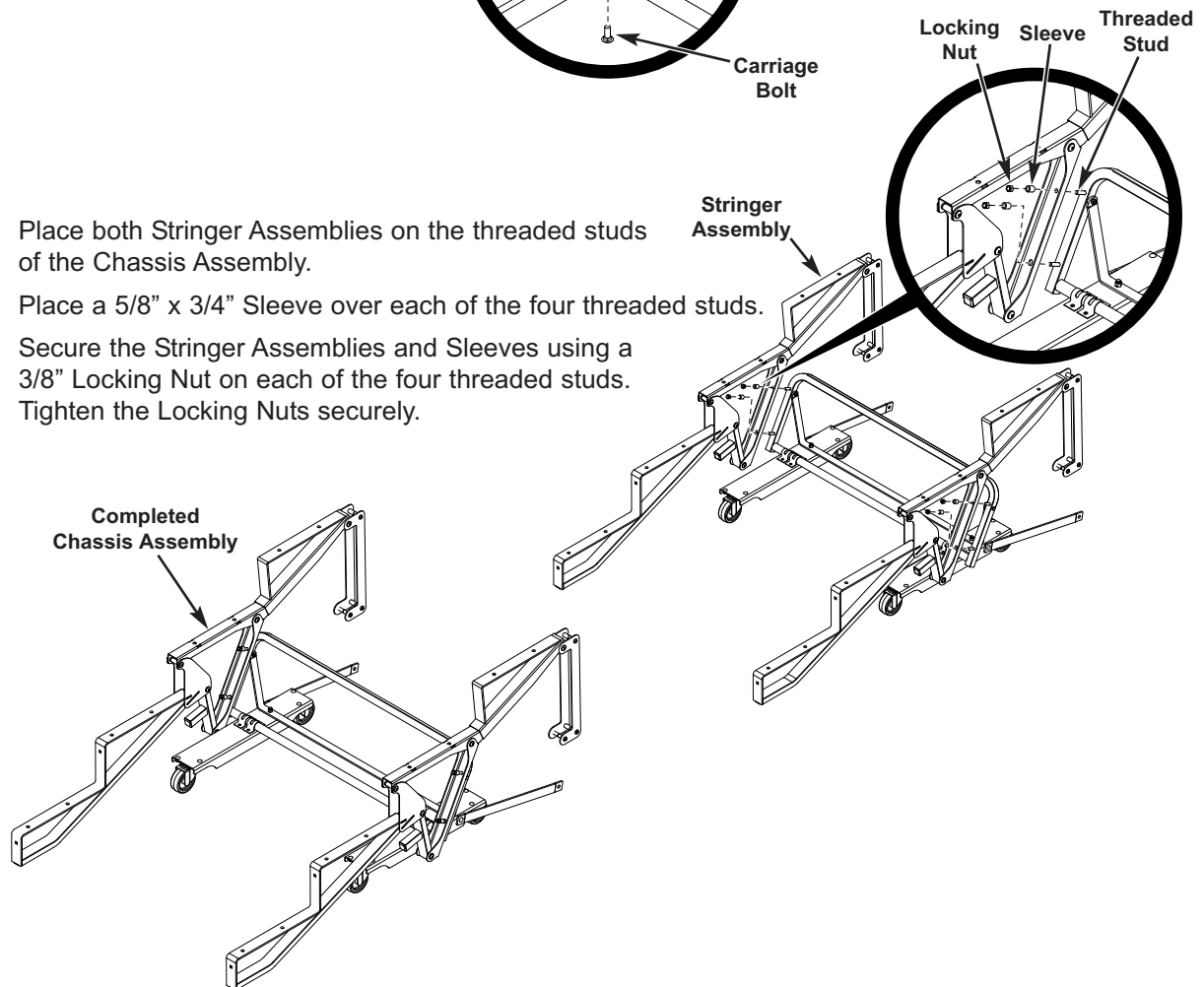
ASSEMBLY

CHASSIS ASSEMBLY

1. Remove the Chassis Assembly, two Stringer Assemblies, and Hardware Pack from the carton. Place the Chassis Assembly (wheels down) on the floor.
2. Rotate the Link Bars to the backside of the Chassis Assembly.
3. Cut and remove the plastic shipping bands and rotate the Truss and the Truss Support to align with the holes in the Chassis Assembly as shown.
4. Insert a $\frac{3}{8}$ " x 1" Carriage Bolt through both of the aligned holes from the underside of the Chassis Assembly the Truss Support. Secure both Carriage Bolts with a $\frac{3}{8}$ " Locking Nut.



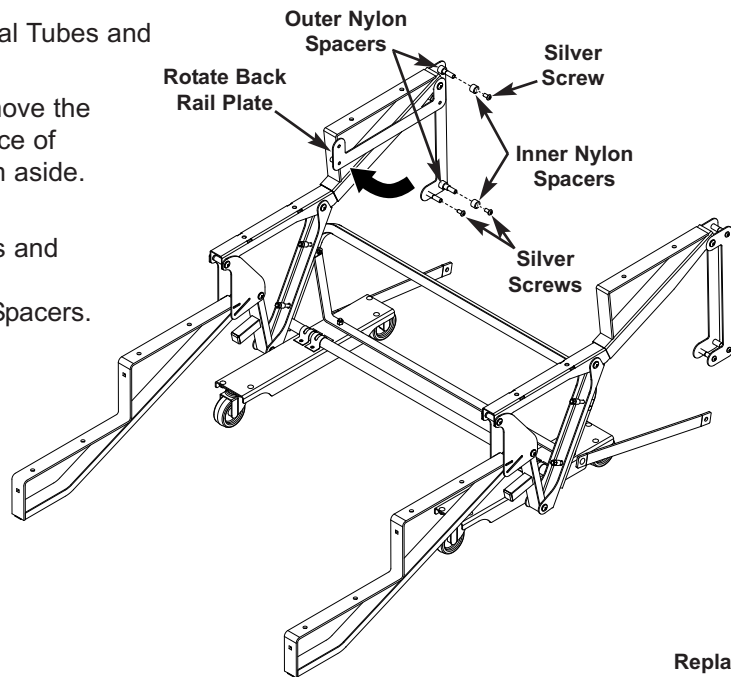
5. Place both Stringer Assemblies on the threaded studs of the Chassis Assembly.
6. Place a $\frac{5}{8}$ " x $\frac{3}{4}$ " Sleeve over each of the four threaded studs.
7. Secure the Stringer Assemblies and Sleeves using a $\frac{3}{8}$ " Locking Nut on each of the four threaded studs. Tighten the Locking Nuts securely.



ASSEMBLY CONTINUED

BACK RAIL ASSEMBLY

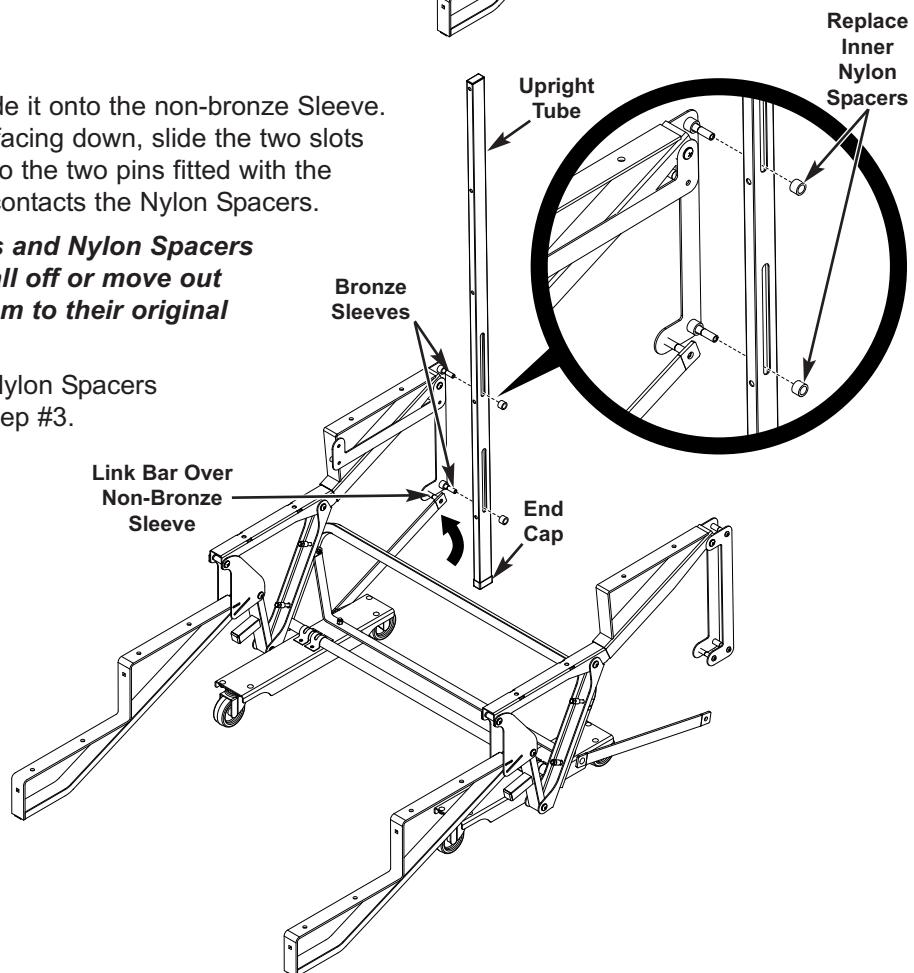
1. Remove the Upright Tubes, Horizontal Tubes and Step Assemblies from the carton.
2. Using the 7/32" hex key wrench, remove the three silver Screws from inside surface of the first Back Rail Plate and set them aside. Do not remove the black Screw.
3. Remove the two inner Nylon Spacers and set them aside. Do not remove the two outer Nylon Spacers.
4. Rotate the Back Rail Plate forward.



5. Lift the Link Bar and slide it onto the non-bronze Sleeve. With the End Cap side facing down, slide the two slots of one Upright Tube onto the two pins fitted with the bronze Sleeves until it contacts the Nylon Spacers.

Note: *The bronze Sleeves and Nylon Spacers are loose. If they fall off or move out of place, return them to their original position.*

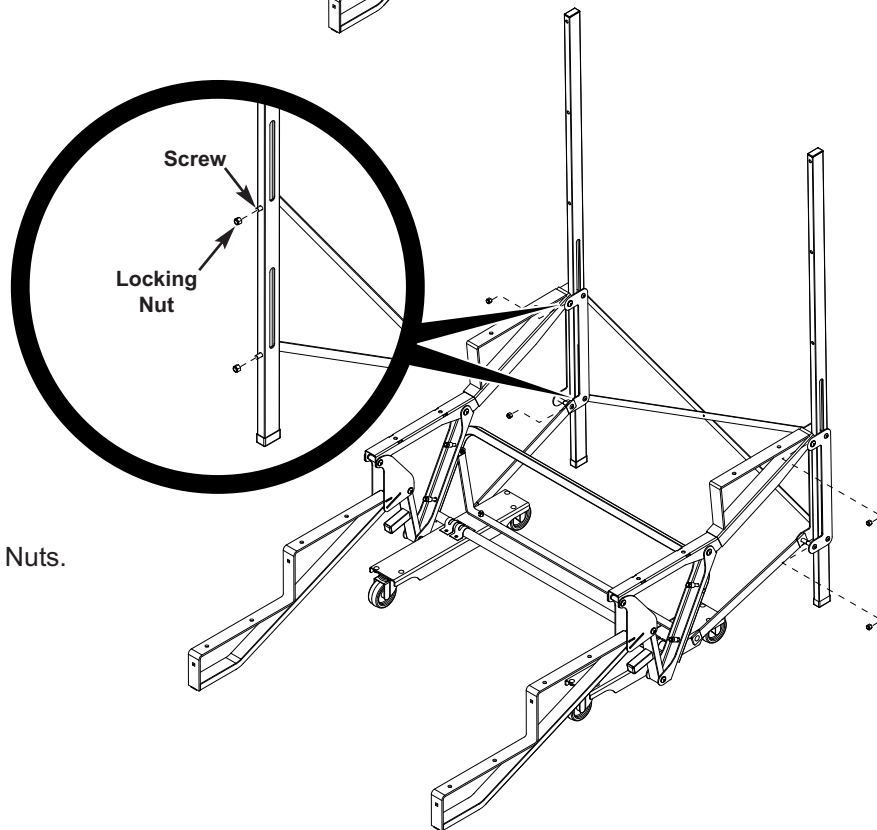
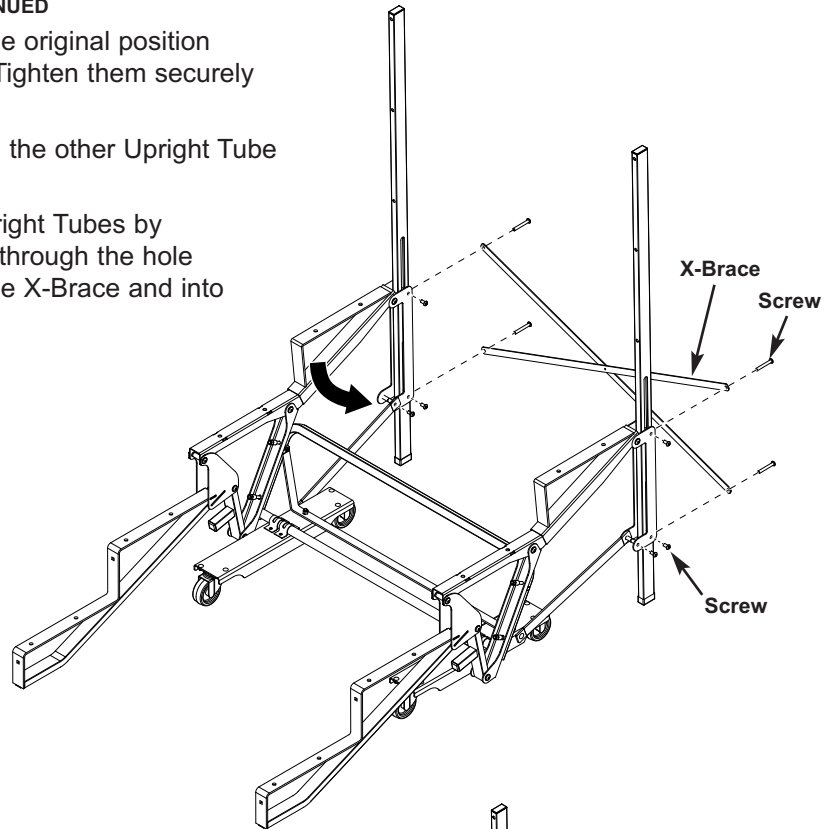
6. Replace the two inner Nylon Spacers that were removed in Step #3.



ASSEMBLY CONTINUED

BACK RAIL ASSEMBLY CONTINUED

7. Rotate the Back Rail Plate to the original position and reinstall the three screws. Tighten them securely using a $7/32$ " hex key wrench.
8. Repeat this procedure to attach the other Upright Tube to the second Back Rail Plate.
9. Install the X-Brace onto the Upright Tubes by sliding one $3/8$ " x $2-3/4$ " Screw through the hole in each of the four corners of the X-Brace and into the Upright Tube.



10. Secure each of the four Screws with $3/8$ " Locking Nuts.

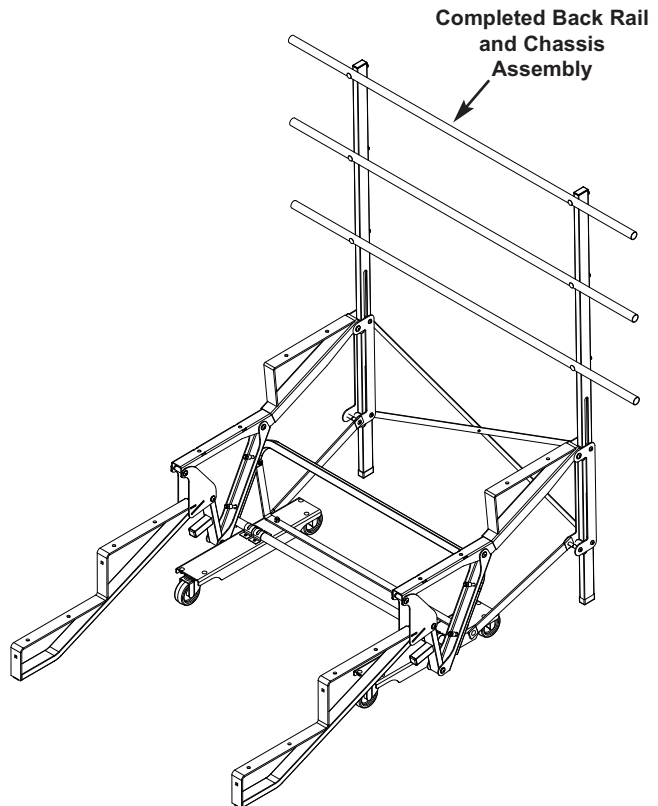
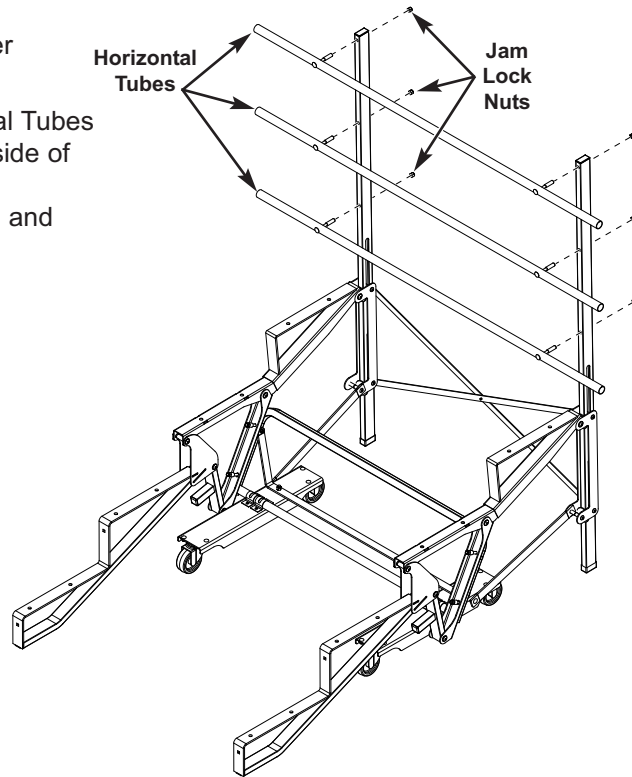
ASSEMBLY CONTINUED

BACK RAIL ASSEMBLY CONTINUED

11. Locate the three Horizontal Tubes.
Remove and discard the protective rubber caps from the threaded studs.
12. Insert the threaded studs of the Horizontal Tubes through the pre-drilled holes in the front side of the Upright Tubes.
Secure them with six 3/8" 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.



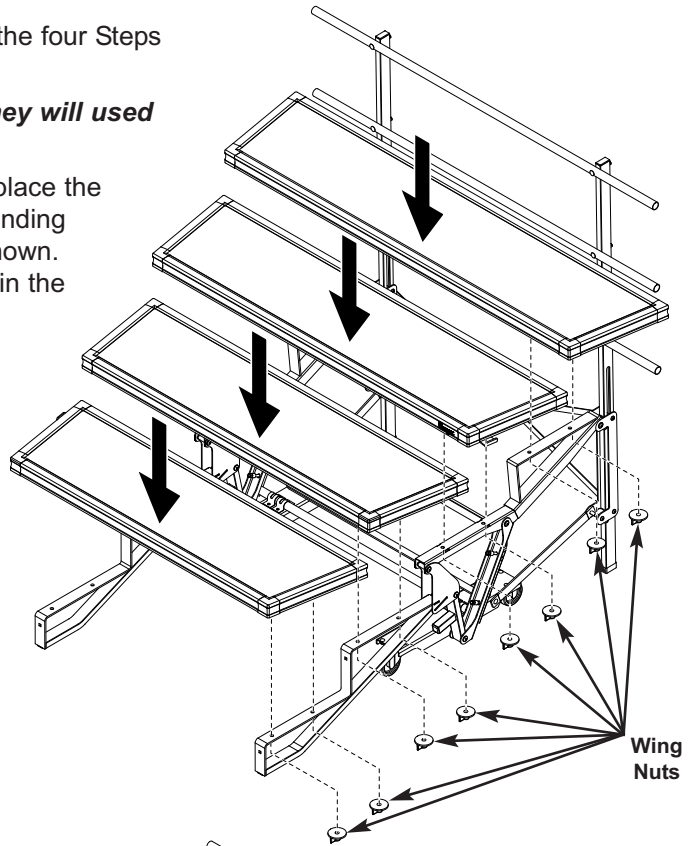
ASSEMBLY CONTINUED

STEP ASSEMBLY

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

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

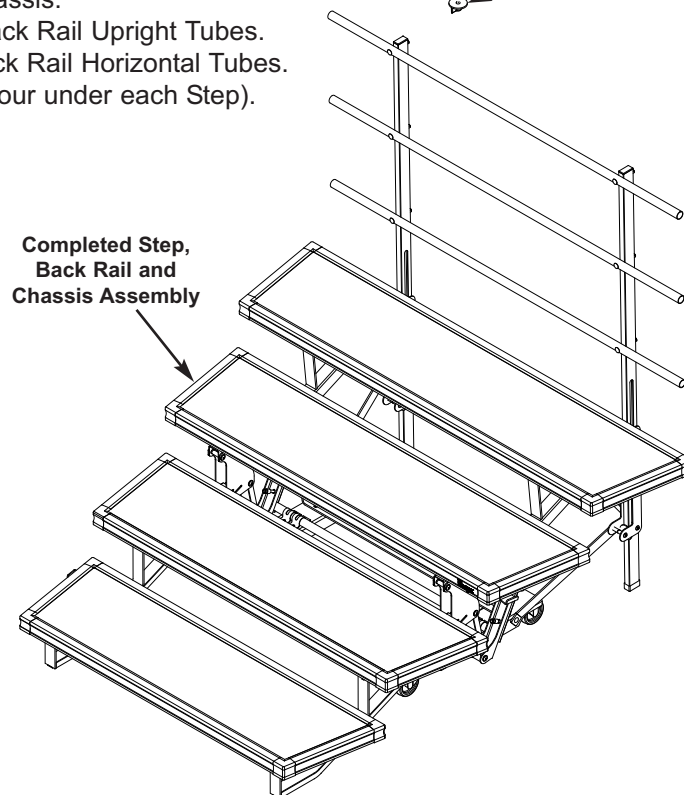
2. Start with the longest Step at the top and place the Steps on the Stringer Assemblies in descending order with the widest end at the rear as shown. Fit the threaded studs in the proper holes in the Stringer Assembly.
3. Secure the Steps using the Wing Nuts. Turn the Wing Nuts as tight as possible by hand (or gently using a pliers).



SAFETY CHECK

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

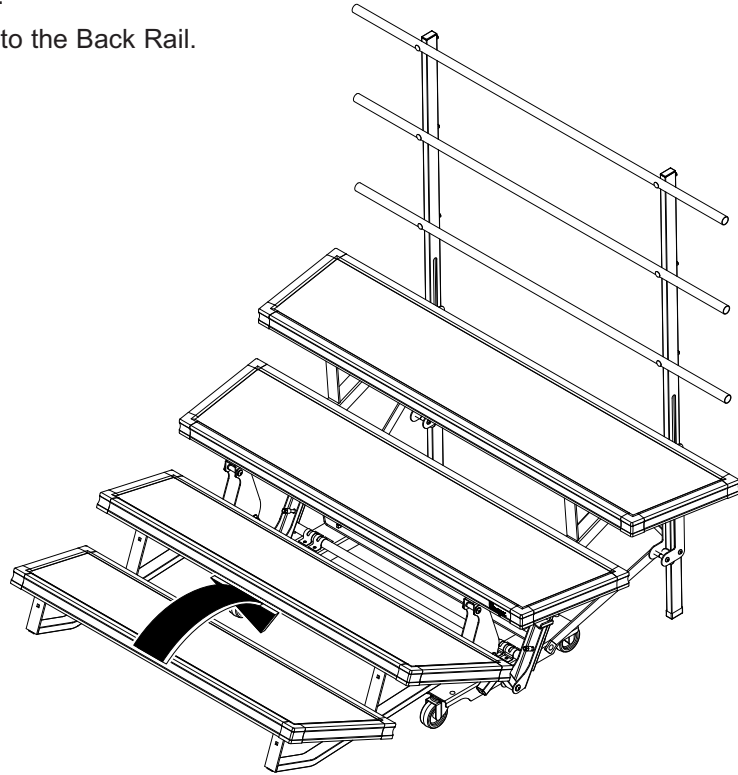
- a. Six Locking Nuts on the Chassis.
- b. Ten Screws securing the Back Rail Upright Tubes.
- c. Six Locking Nuts on the Back Rail Horizontal Tubes.
- d. Sixteen plastic Wing Nuts (four under each Step).



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:

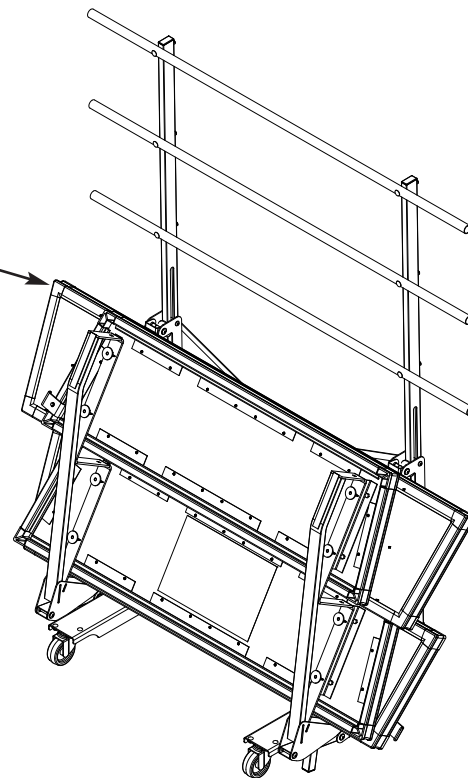
1. Lift up on the First Step and fold it up to the Back Rail.



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.

Riser in Storage Position



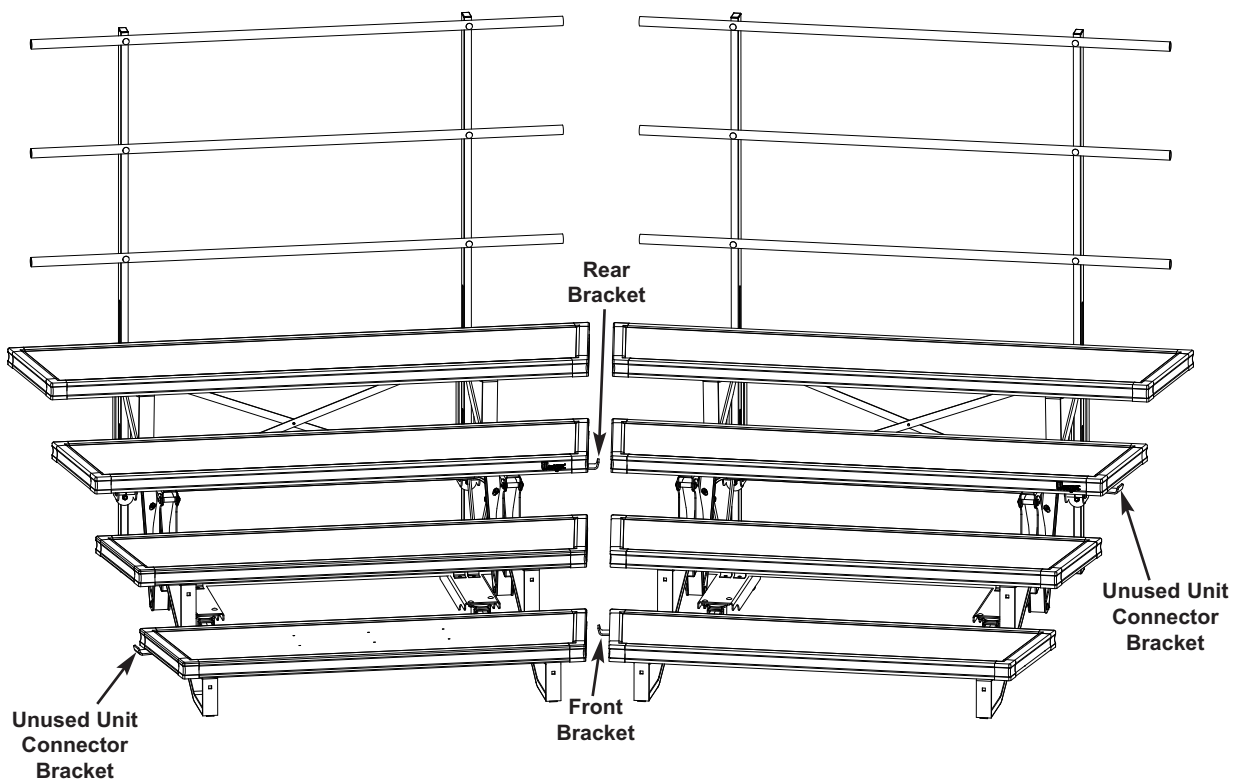
CONNECTING MULTIPLE RISER UNITS

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.

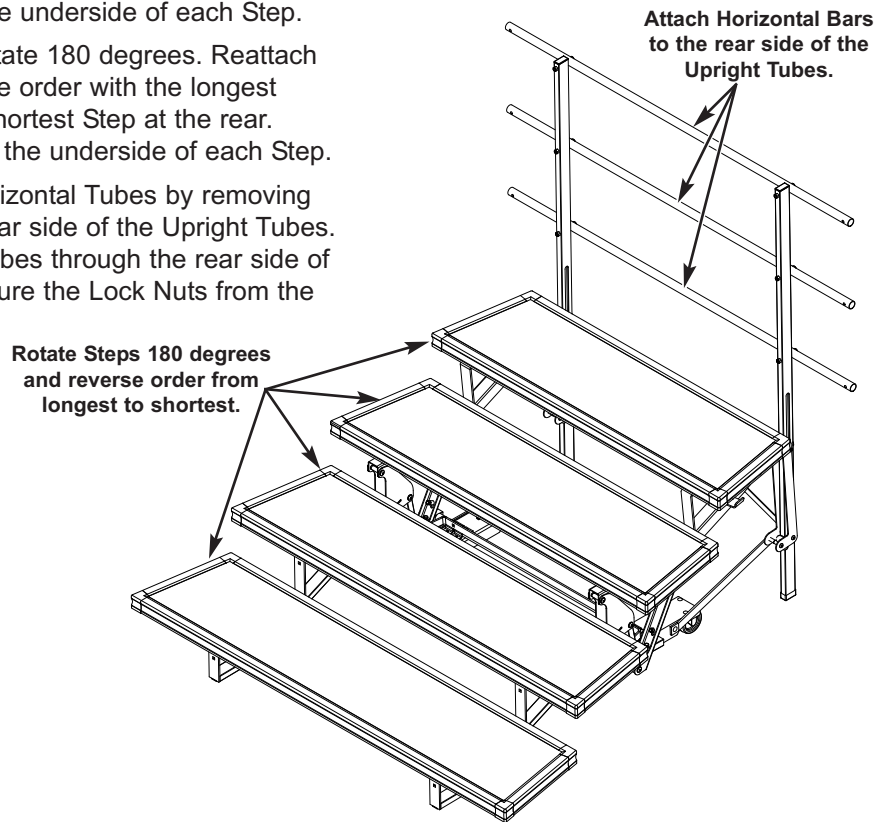


STRAIGHT CONFIGURATION

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.



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