

# J30 Auditorium Seating Assembly Instructions

## INTRODUCTION

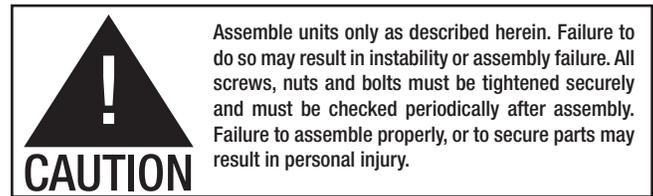
The J30 auditorium seating system is intended to be used in a commercial setting. The system consists of the following components:

- Right Arm Standard
- Right Tablet Arm Standard
- Left Arm Standard
- Left Tablet Arm Standard
- Center Arm Standard
- Center Tablet Arm Standard
- Riser Mount Right Arm Standard
- Riser Mount Right Tablet Arm Standard
- Riser Mount Left Arm Standard
- Riser Mount Left Tablet Arm Standard
- Riser Mount Center Arm Standard
- Riser Mount Center Tablet Arm Standard
- Riser Mount ADA Arm Standard
- ADA Arm Standard
- Gravity Uplift Seat
- Standard Seat Back
- High Seat Back
- Power System

**Note:** Read these assembly instructions carefully prior to product installation. Electrically interconnected furnishings must also be mechanically interconnected. Product failure and personal injury may result if instructions are not followed.

## TOOLS REQUIRED

- Hammer drill and 1/4" Masonary bit for concrete anchor holes
- Drill and bit for pilot holes in wood floor
- #3 Phillips head screw driver
- #2 Phillips head screw driver
- Wrench Set
- Socket Set
- Allen Wrench
- 4' Level
- 6-8' Flexible straight edge 1/4 round or equivalent
- 25 and 100' Tape Measure
- Tailor's Chalk
- J30 Drill Template



## IMPORTANT SAFETY INSTRUCTIONS

When using an electrical furnishing, basic precautions should always be followed, including the following:

Read all instructions before installing the J30 Chair

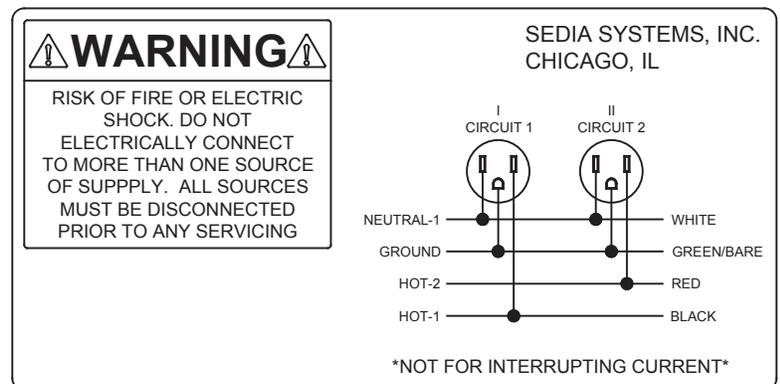
## WARNING:

1. Risk of Electrical Shock - Connect this furnishing to a properly grounded outlet only. See Grounding Instructions.
2. Do not use outdoors.
3. Use this furnishing only for its intended use described in these instructions. Do not use attachments not recommended by the manufacturer.
4. The maximum intended load for this seat is 300 pounds (102 Kilograms).
5. Functional Tablet Load - 20 Pounds (9 kg)

## GROUNDING INSTRUCTIONS

This product must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the product.

**Note:** The power infeeds are to be connected to the power source by a qualified electrician who must also check the electrical integrity of the finished system installation.



SAVE THESE INSTRUCTIONS

# J30 Auditorium Seating Assembly Instructions

## MINIMUM CONSTRUCTION REQUIREMENTS

### Wood Floors

- Minimum two layers of 3/4" thick plywood
- APA rated grade plywood
- Allow minimum embedment 1-1/2" with lag screws
- Use toggle bolt if less than 1-1/2" embedment

### Concrete Floors

- 3000 psi concrete compressive strength
- 3" thick free of obstruction for 1-1/2"
- 4" thick for riser mount no obstruction for 2-1/2"
- Riser to be plumb within 1/8 degree
- Minimum anchor embedment 1-1/2"

**Note:** Warranty null and void if Sedia Systems J30 Seating product line is installed on flooring that does not meet the minimum structural requirements stated above.

## FLOOR FASTENER REQUIREMENTS

### Wood Floors

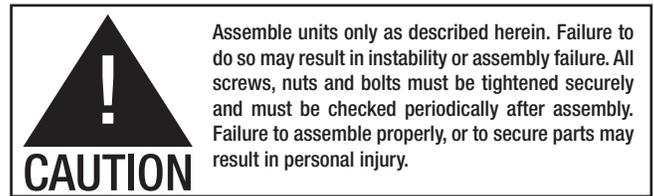
- 3/8" x 2-1/2" lag bolts
- 3/8" flat washers
- (4) Bolt assemblies required per arm standard

### Concrete Floors

- 1/4" x 1-7/8" concrete anchors
- 3/8" flat washers
- (4) Bolt assemblies required per arm standard



All power modules rated at 15A 120V 60HZ.  
System capacity to be limited to 15A per circuit.  
No more than 12 outlets should be supplied by one circuit.



Assemble units only as described herein. Failure to do so may result in instability or assembly failure. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in personal injury.

## Site Preparation

1. Read and review the Assembly Instructions.
2. Review Project drawings and layouts.
3. Locate floor center.
4. Locate row size line.
5. Draw size line for straight or radius rows.
6. Mark hole centerline for first chair.
7. Mark incremental hole centerline locations.
8. Use drill template to mark hole locations.
9. Use carpet punch at each hole location.
10. Locate and drill anchor holes into floor.
11. Vacuum holes to remove debris.

## Chair Installation

12. Mount arm standard to the floor with anchor bolts.
13. Align seat back bracket to track on arm.
14. Assemble seat by aligning pins with pivot disc slot.
15. Install seat pivot cap with seat in the down position.
16. Tighten seat back set screws.
17. Install foot plate bolt caps.

## Steps for Installing Power Option

Before assembling seat:

1. Attach bracket and H Block to center of seat back.
2. Attach the duplex power module to arm post.
3. Connect the duplex module and jumper cable to the H Block.
4. Continue connecting jumper cables and duplex modules per the layout drawings.
5. Install the duplex module cover.
6. Install the raceway end caps to each side.
7. Install the raceway cover so it overlaps the end caps and duplex module cover.
8. Assemble seat by aligning pins with pivot disc slot.
9. Install seat pivot cap with seat in the down position.
10. Tighten seat back set screws.
11. Install foot plate bolt caps.
12. Connect electrical whip to the main power source.
13. Mount row and seat numbering (optional).
14. Clean product and site for walk through.

**Note:** Dimensional spacing referenced is centerline to center line unless otherwise noted.

# J30 Auditorium Seating Assembly Instructions

## ROUTINE CARE AND MAINTENANCE

1. All parts are lubricated for life.
2. Any service should be conducted by an authorized service representative.
3. Perform periodic inspections for loose or broken parts.

**LAMINATE:** To clean the surface, use a damp cloth or sponge and a mild soap or detergent. Difficult stains such as coffee or tea can be removed using a mild household cleaner and baking soda; mixing to achieve a paste consistency. Use a stiff nylon bristle brush, scrubbing (approx. 15-20 strokes) the affected area. Do not scrub so as to mar (damage, scratch) the surface finish. Stubborn stains that resist any of the above cleaning methods may require the use of undiluted household bleach or nail polish remover. Use a cotton ball saturated with bleach or nail polish remover (acetone); gently rub the stain for up to two minutes. Rinse thoroughly with warm water and wipe dry using a soft cloth. This step may be repeated if the stain appears to be going away and the color of the laminate has not been affected.

## CAUTION:

Prolonged exposure of the laminate and powder coat surfaces to bleach will cause discoloration. Always rinse laminate and powder coat surfaces after cleaning! Failure to rinse after cleaning can cause damage; even if a small amount of cleaning solution remains on the surface. A dry residue may be invisible; however, moisture from cups or drinks can reactivate it, and result in permanently etched scars or stains over time.

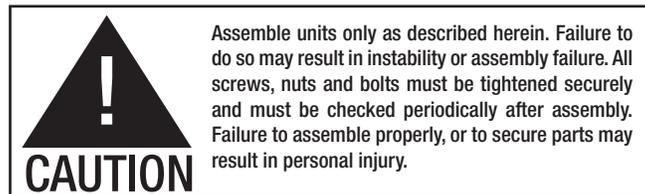
### Recommended Household Cleaners:

- Clorox®\* • Formula 409® • Dawn® • Fantastik®
- Dow Bathroom Cleaner with Scrubbing Bubbles™
- Favor® • Windex® • Lestoil® • Glass Plus®
- Pledge® • Grease Relief® • Mr. Clean® • TOP JOB®
- Lysol® Brand Disinfectant Basin/Tub/Tile Cleaner

\* Prolonged exposure can mar the surface

## CAUTION:

**Acidic** or **abrasive** cleaners can damage laminate and powder coat surfaces; do not use them. Drain cleaners containing lye will permanently damage the laminate surface. If you spill a drain cleaner, wipe it up immediately and rinse several times with water. Hair, textile and food **dyes** can cause permanent stains. If dye should happen to spill, wipe it up immediately with dishwashing detergent or an all-purpose cleaner. Wipe spills away promptly and rinse several times with water.



Rust removers contain harsh chemicals, which will quickly cause permanent damage. If a spill occurs, wipe off all residues immediately, wash thoroughly with soapy water and rinse several times. Steel wool and other abrasive pads will damage the laminate and powder coat face. Do not use them for cleaning and don't store steel wool pads on your countertop; the metal can rust and leave stains. Toilet bowl cleaners contain harsh chemicals that can cause permanent damage. If spills occur, wipe up immediately, wash surface with soapy water and rinse several times.

The cleaners listed below can cause damage to the surface of laminate:

Chemical Ingredient	Synonymous Names
Hydrochloric Acid	Muriatic Acid Hydrogen Chloride
Sulfuric Acid	Oleic Acid Oil of Vitriol Oleum
Hydrofluoric Acid	Rust Remover
Phosphoric Acid	Rust Remover
Sodium Hydroxide	Caustic Soda Caustic Soda Lye Lye
Pumice (abrasive)	

Remember, sharp objects can damage the surface of laminate and powder coat surfaces, marring its beauty and lowering wear and stain resistance. Although the laminate and powder coat surfaces are somewhat resistant to scratch and marring, they can be damaged, even under normal use.

Laminate and powder coat surfaces may need occasional dusting depending on where it's used. To keep the surface beautiful, use a non-oily furniture spray. (Remember to clean the spray off several times a year to prevent build-up.) Furniture polish can also help hide fine scratches in the surface.

**UPHOLSTERED FABRIC:** Clean with water-based cleaning agents, foam or pure water-free solvents. Vacuuming or light brushing is recommended to prevent dust and soil buildup. For answers to additional questions regarding care or cleaning please contact Sedia Systems.

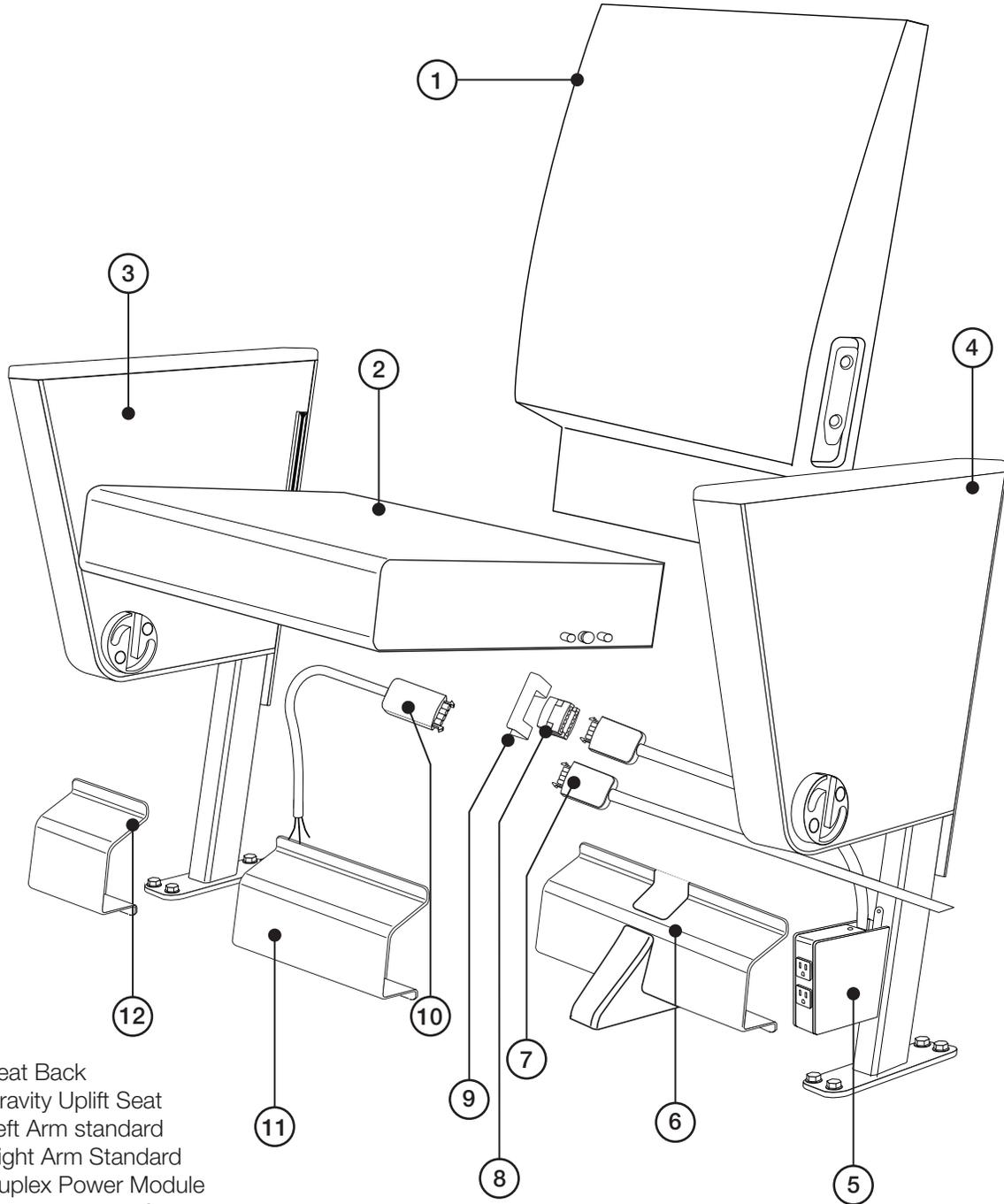
# J30 Auditorium Seating Assembly Instructions

## Standard Floor Mounted Chair



Assemble units only as described herein. Failure to do so may result in instability or assembly failure. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in personal injury.

**CAUTION**



1. Seat Back
2. Gravity Uplift Seat
3. Left Arm standard
4. Right Arm Standard
5. Duplex Power Module
6. Duplex Module Cover
7. Jumper Cables
8. H Block
9. H Block Bracket
10. Power Whip
11. Raceway Cover
12. End Cover

# J30 Auditorium Seating Assembly Instructions

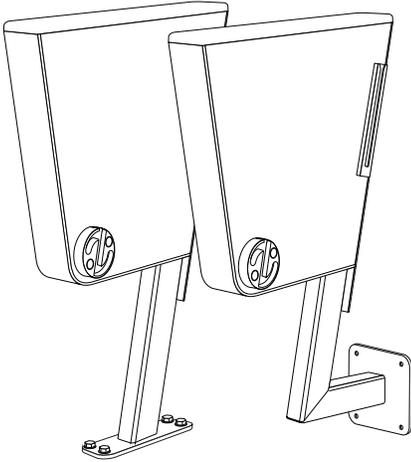
## System Components



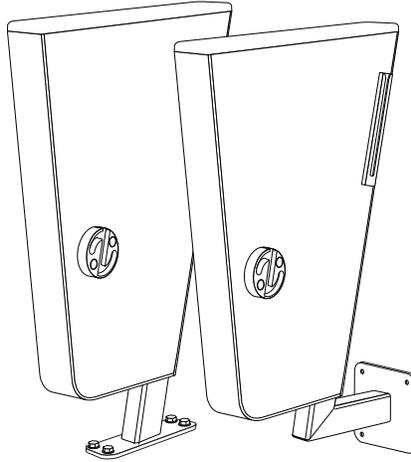
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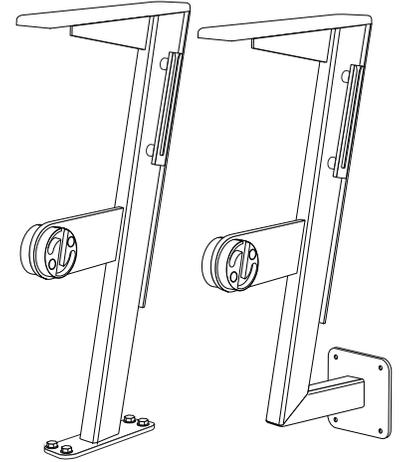
## Arm Standards



- Short Pannel**
- Left Side
  - Right Side
  - Center

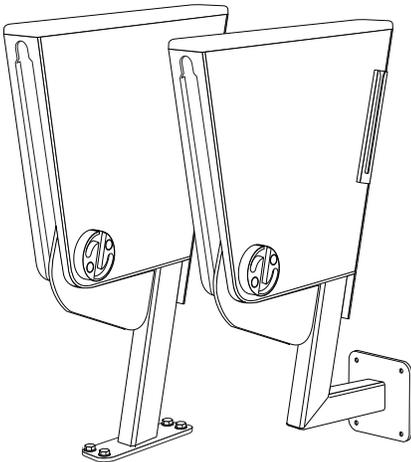


- Long Pannel**
- Left Side
  - Right Side
  - Center

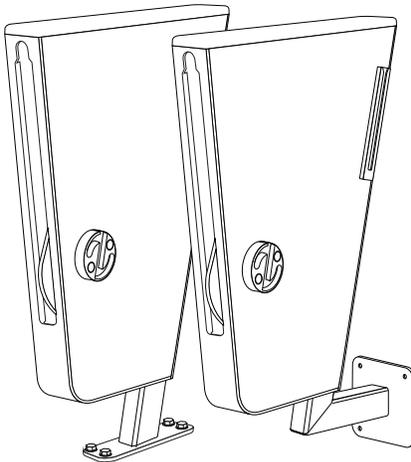


- Common**
- Left Side
  - Right Side
  - Center

## Tablet Arm Standards

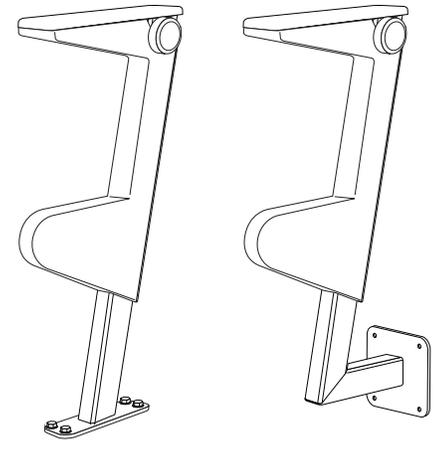


- Short Pannel**
- Left Side
  - Right Side
  - Center



- Long Pannel**
- Left Side
  - Right Side
  - Center

## ADA Standards



- Floor Standard**
- Left Side
  - Right Side

- Riser Standard**
- Left Side
  - Right Side

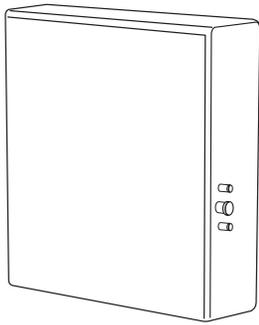
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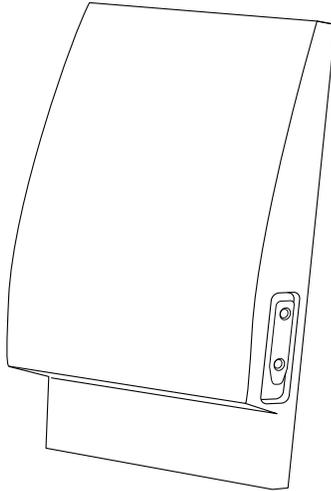
## System Components

### Gravity Lift Seat

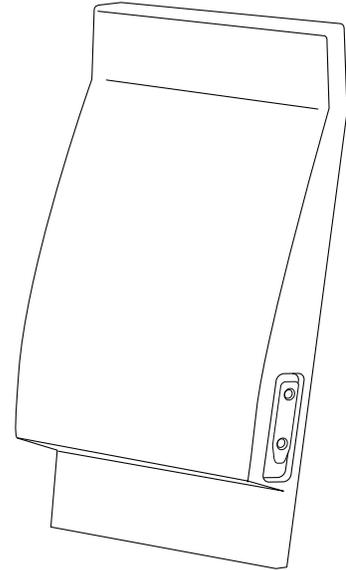


20 - 26 Inch Widths

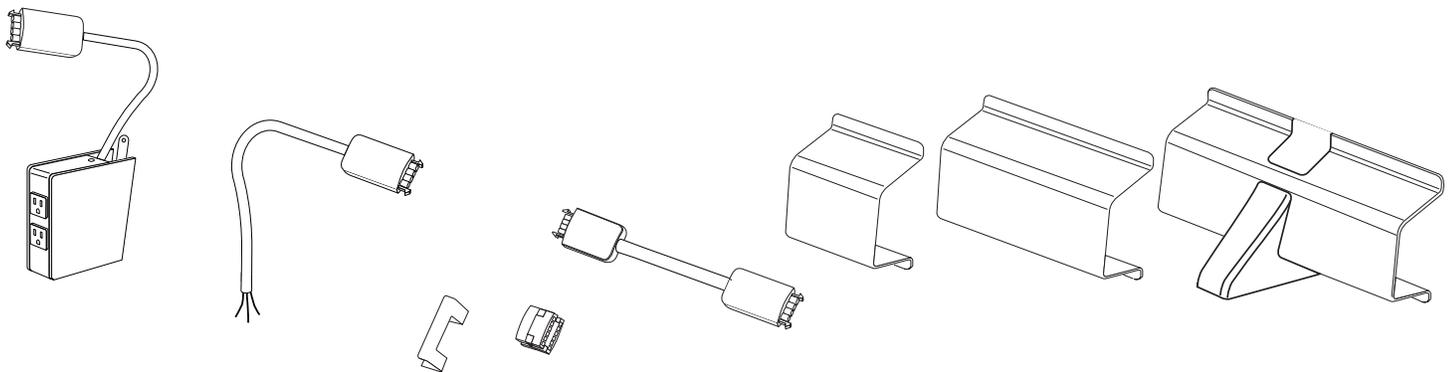
### Standard Back



### High Back



## Power System



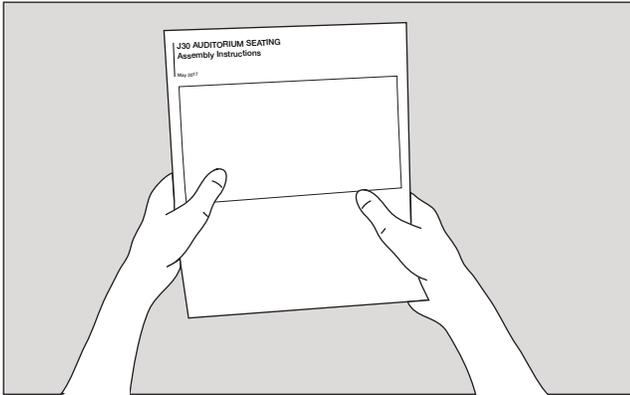
Duplex Power Module    Power Whip    H Block    H Block    Jumper Cable    End Cap    Raceway Cover    Duplex Module Cover  
 72 - 300 Inches    Bracket    Lengths Based    on Layout Drawing

# J30 Auditorium Seating Assembly Instructions

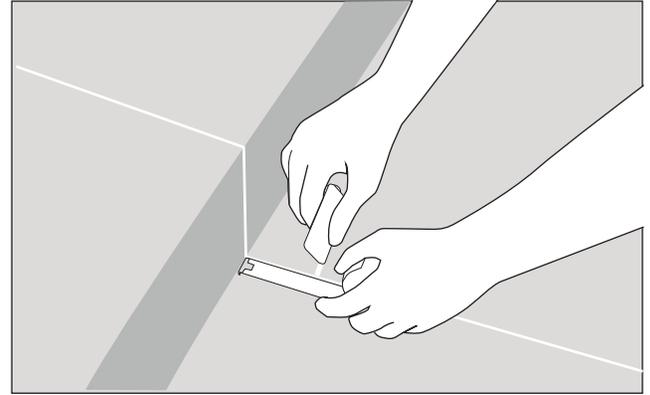
## Site Preparation



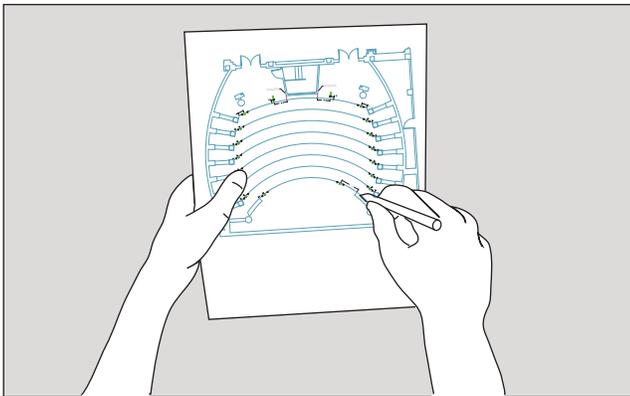
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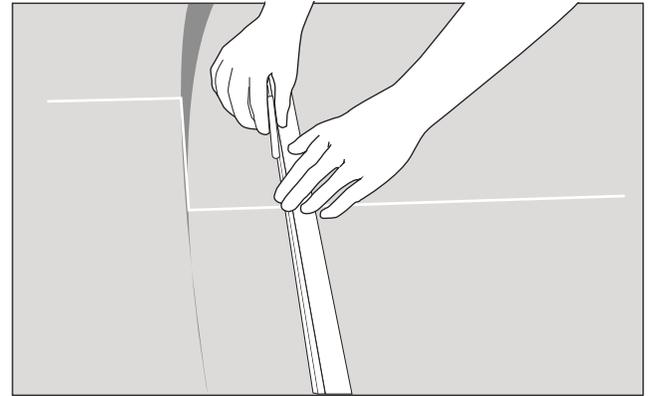
**Step 1:** Read and review the assembly instructions.



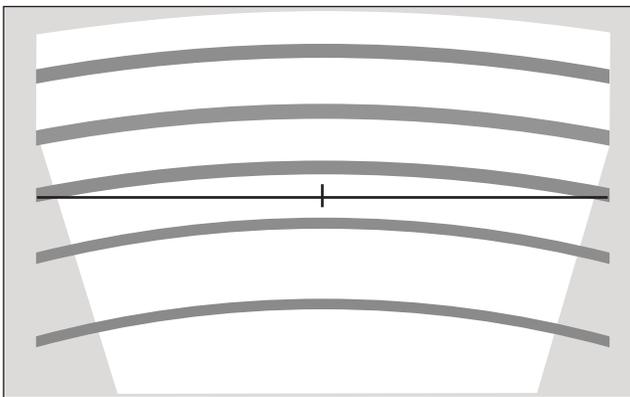
**Step 4:** Use layout drawing to locate row size line from back of riser and mark with chalk.



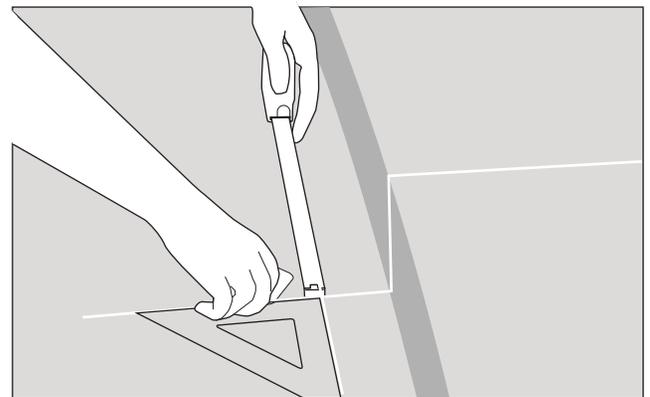
**Step 2:** Refer to layout drawings and verify room dimensions.



**Step 5:** Draw the size line. For radius floor, use 1/4 round or equivalent to get the radius size line.



**Step 3:** Use tape measure to locate room center and other reference dimensions and mark with chalk



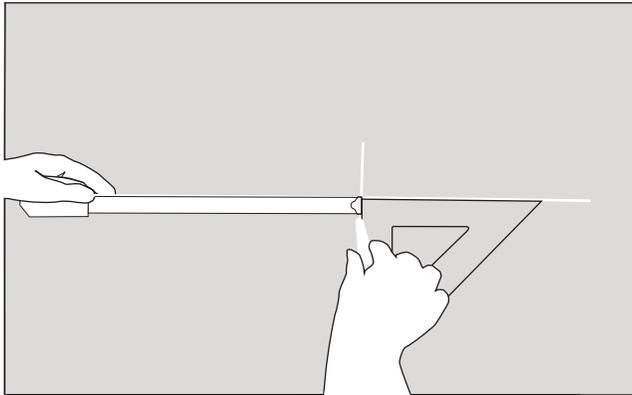
**Step 6:** Mark hole locations of the first chair symmetric the center line and according to the drawing.

# J30 Auditorium Seating Assembly Instructions

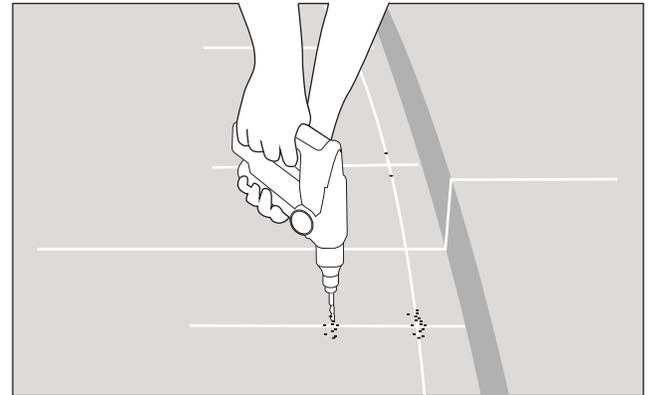
## Site Preparation



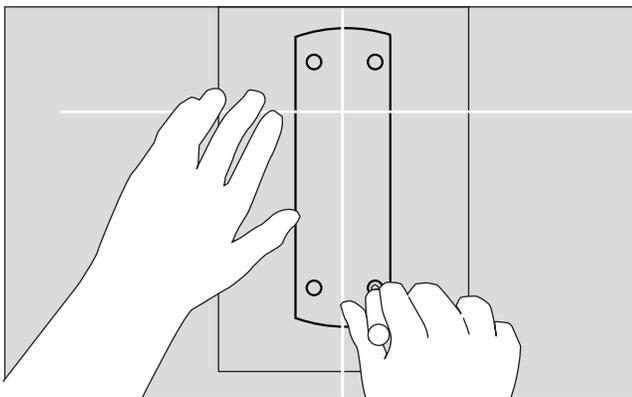
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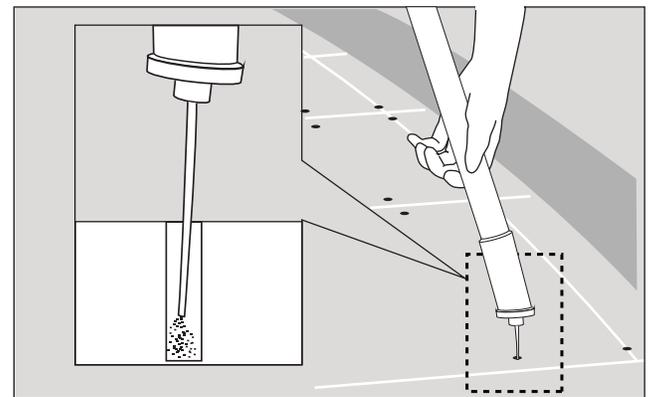
**Step 7:** Mark all hole locations by incrementing dimensions sequentially as per drawing.



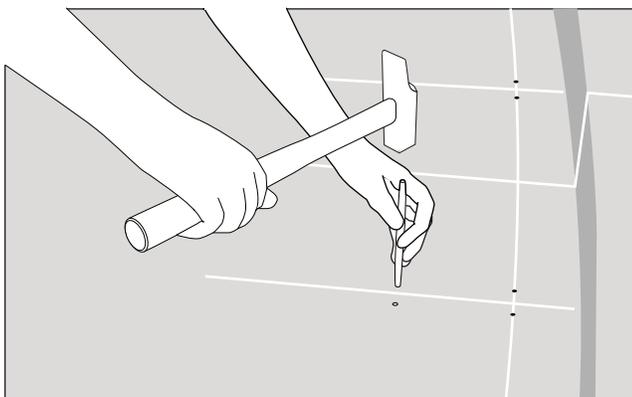
**Step 10:** Drill holes using 1/4" x 4" concrete drill bit. Concrete Floor - 4 holes, Wood Floor - 4 pilot holes only.



**Step 8:** Center drill template and mark hole locations.



**Step 11:** Vacuum holes to remove wood/concrete particles.



**Step 9:** Punch carpet using hammer and punch. Remove thread material and ensure drill area is free of debris.

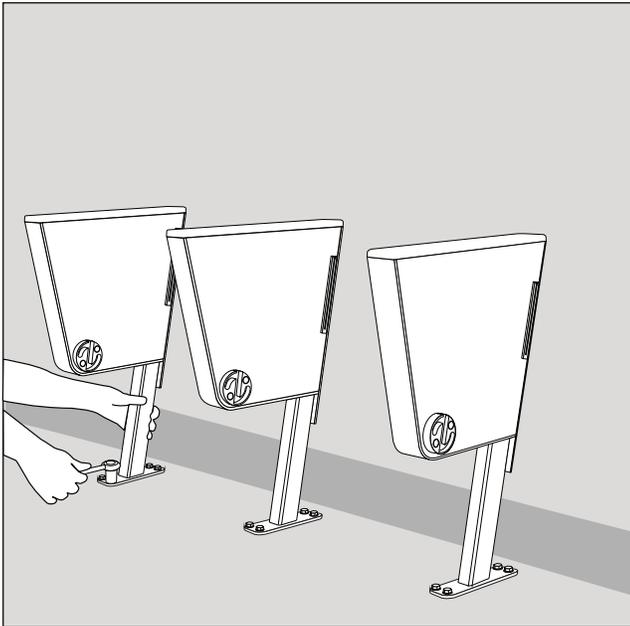
# J30 Auditorium Seating Assembly Instructions

## Chair Installation

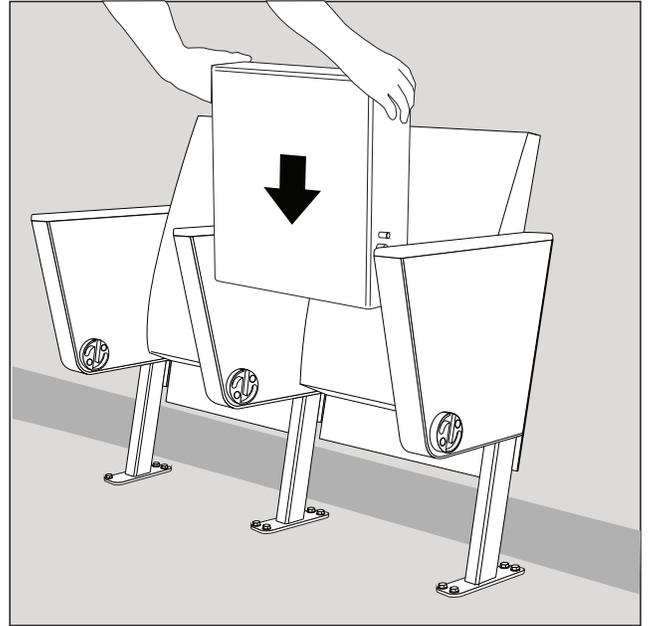


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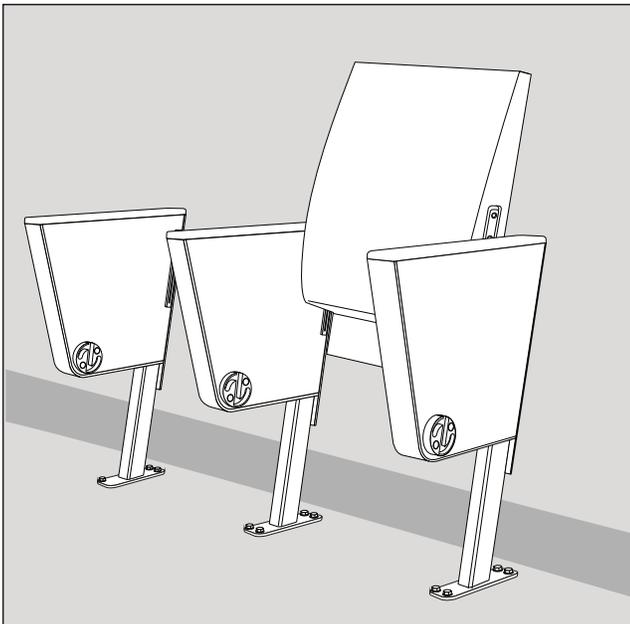
**CAUTION**



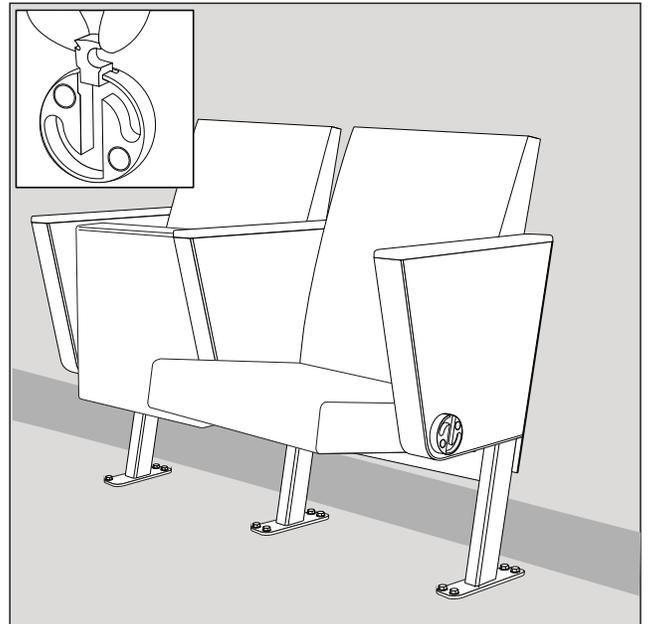
**Step 12:** Align base and fasten with wood or concrete anchors.



**Step 14:** Assemble seat to pivot disc by inserting the pins so they engage into the pivot disc slot.



**Step 13:** Assemble back by aligning plastic track with posts on seat back and sliding down.



**Step 15:** With the seat in the down position, insert the pivot cap into the pivot disc so the notch is filled and the cap snaps into place.

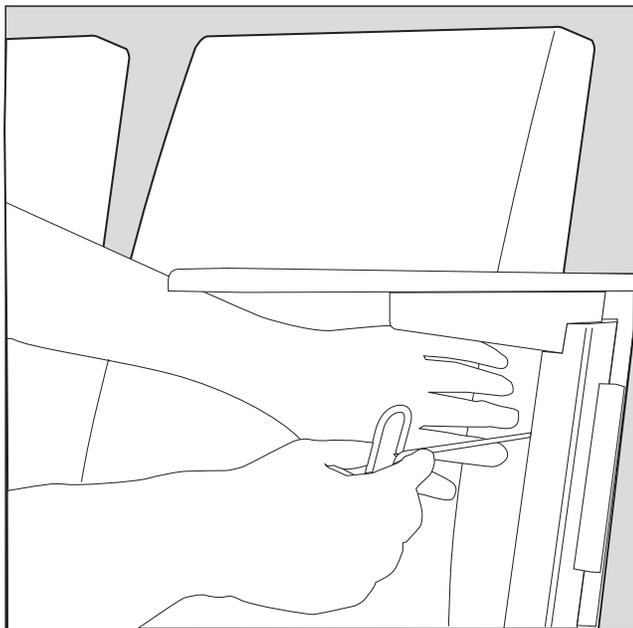
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## Chair Installation



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**CAUTION**



**Step 16:** Tighten set screw located on arm mounted seat track.



**Step 17:** Add supplied bolt caps to each bolt on the foot plate.



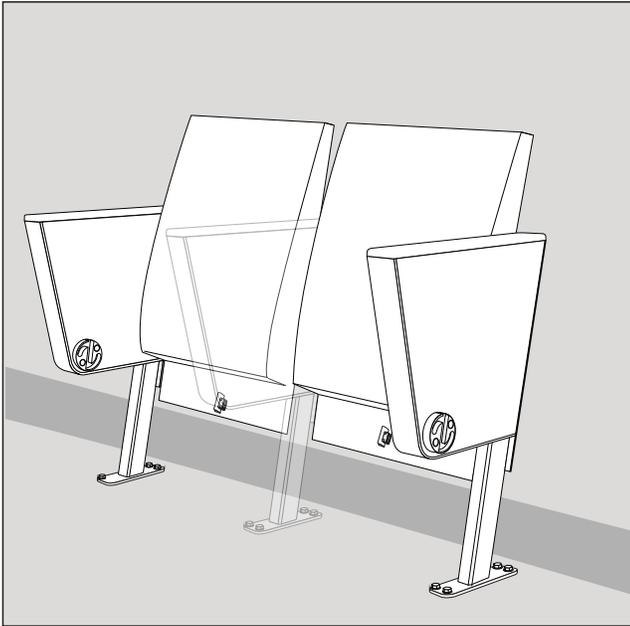
# J30 Auditorium Seating Assembly Instructions

## Power System Installation

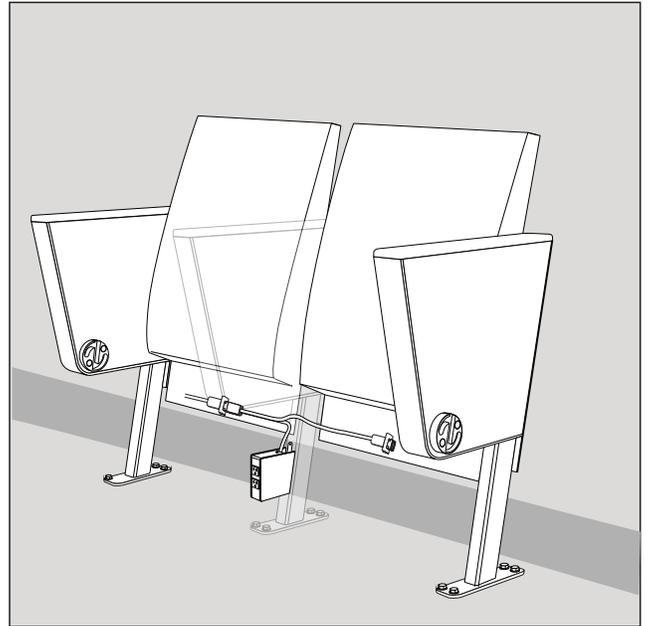


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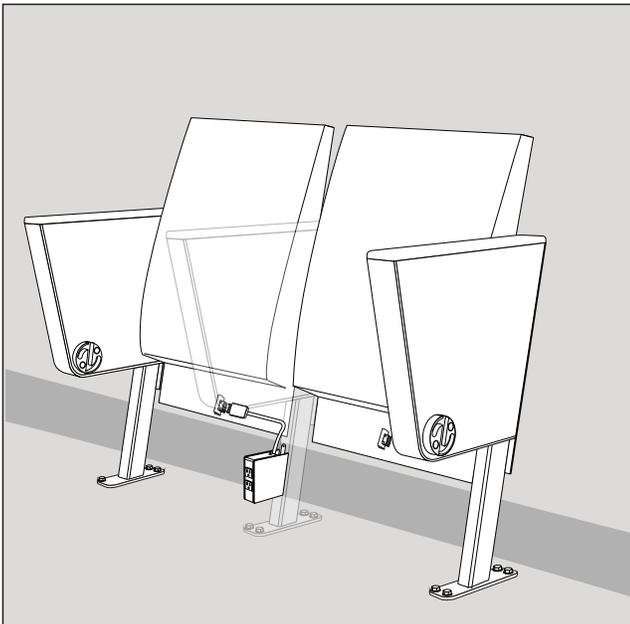
**CAUTION**



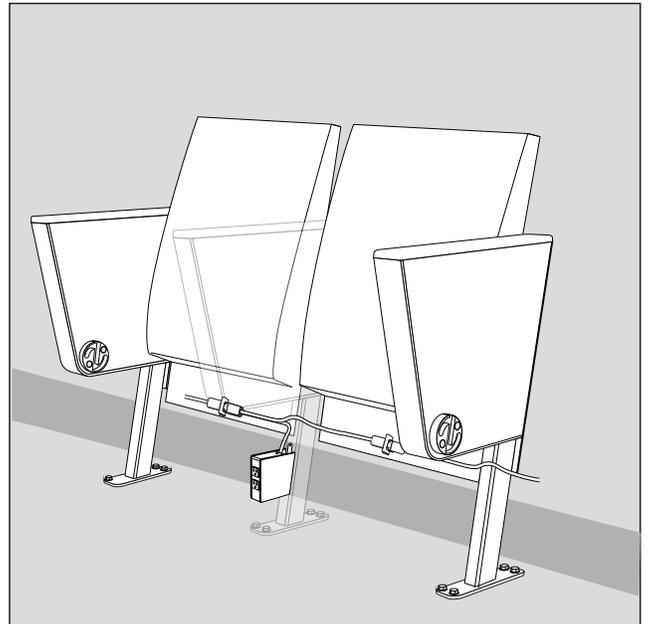
**Step 1:** Before the seats are installed, mount the H Block with the H Block brackets to the center of the seat back with wood screws provided.



**Step 3:** Connect the duplex modules and jumper cables between H Blocks as shown on the layout drawings.



**Step 2:** Use a #2 Phillips screw driver and provided screws to mount the duplex power module to the arm posts per the layout drawings.



**Step 4:** Continue attaching jumper cables and duplex modules per the job layout drawings.

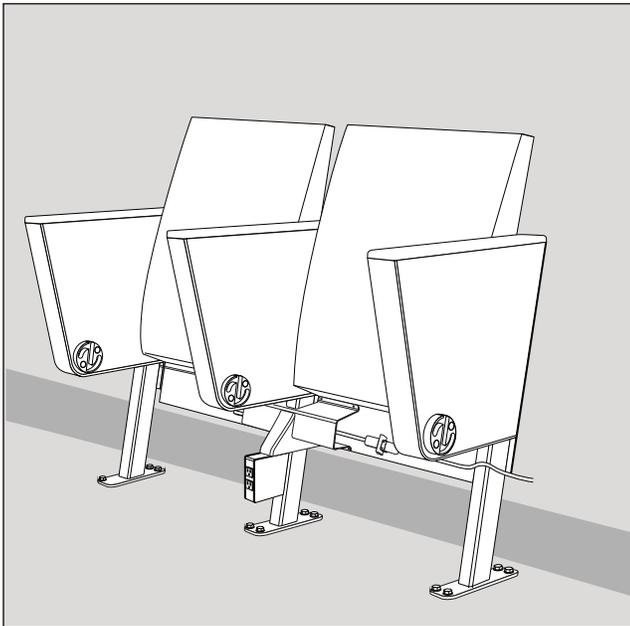
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## Power System Installation

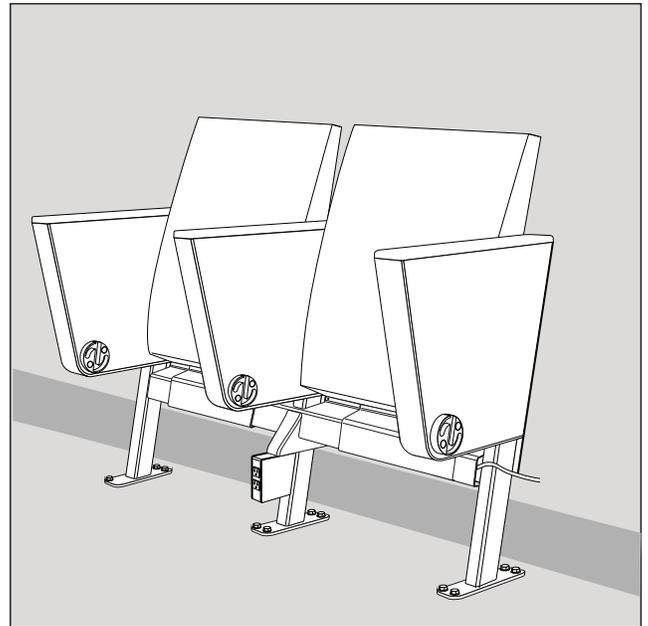


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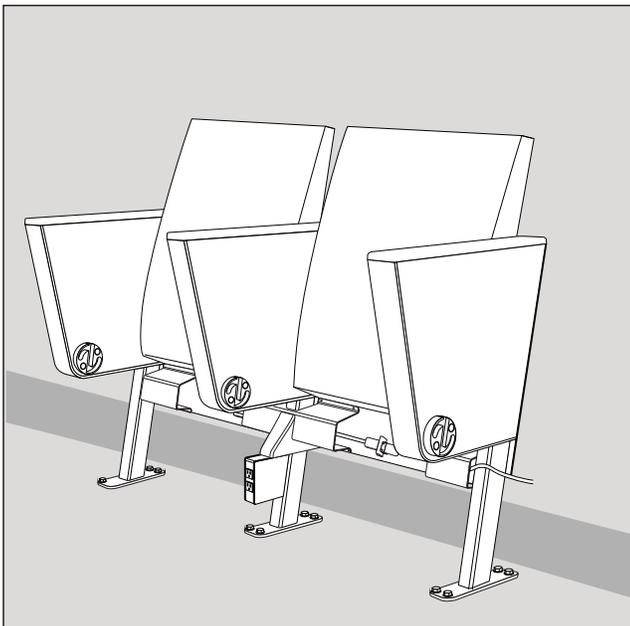
**CAUTION**



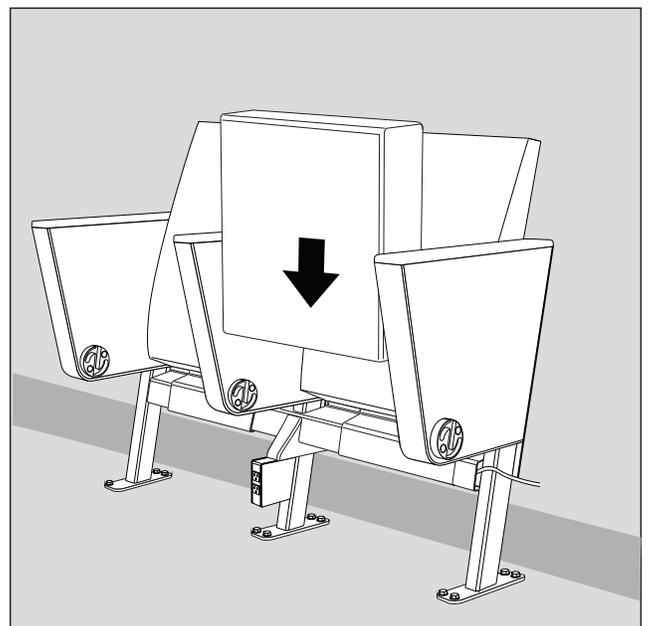
**Step 5:** Install duplex module covers with provided wood screws. Align covers with bottom of seat back panel.



**Step 7:** Install raceway covers with (4) provided wood screws. Raceway covers will overlap the power module cover and the end covers.



**Step 6:** Install end covers with (2) provided wood screws as shown on the layout drawings. The end covers are provided with an access outlet for power connection. In some instances it may be necessary to make the power connection at a location other than the end of the row.



**Step 8:** Assemble seat to pivot disc by inserting the pins so they engage into the pivot disc slot.

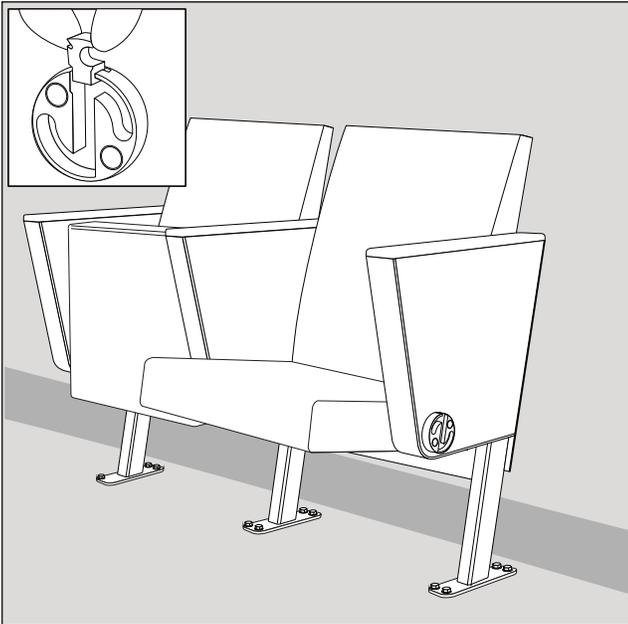
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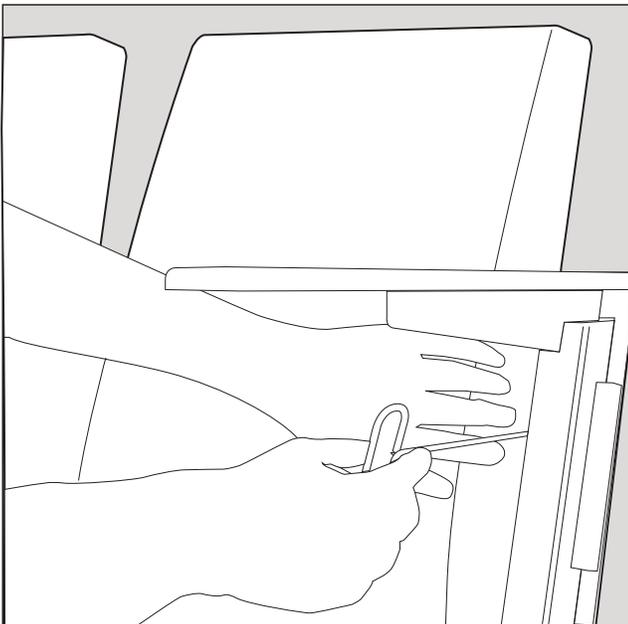
**CAUTION**



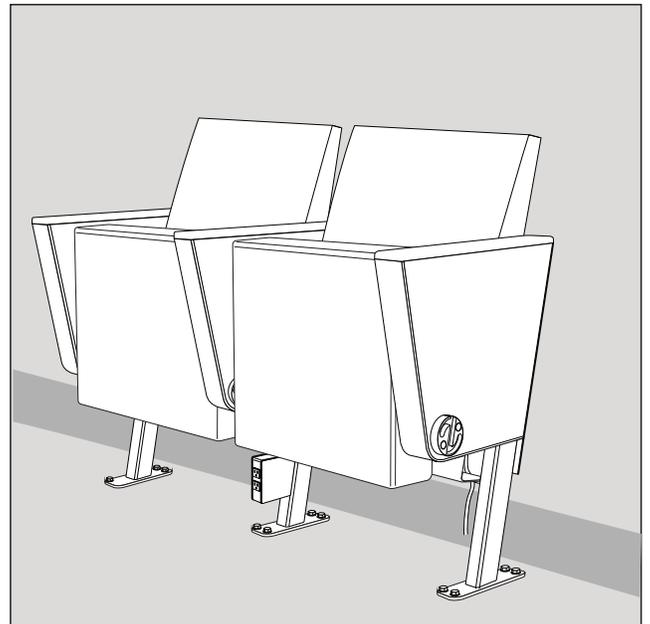
**Step 9:** With the seat in the down position, insert the pivot cap into the pivot disc so the notch is filled and the cap snaps into place.



**Step 11:** Add supplied bolt caps to each bolt on the foot plate.



**Step 10:** Tighten set screw located on arm mounted seat track.



**Step 12:** Have a qualified electrician connect the power system whip to building power source per the 4-wire/2-circuit schematic.