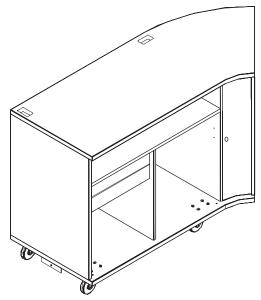
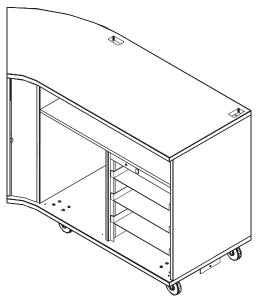


# **Assembly Instructions**

# **Rehearsal Resource Center**



Right Curved Unit Assembly (Shown with Drawer Option)



Left Curved Unit Assembly (Shown with Stereo Rack Option)

### **Contents**

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Visit the Rehearsal Resource Center web page at wengercorp.com for more information.

Note: Please read and understand these instructions before proceeding.

Note: If you need additional information, contact Wenger Corporation using the information below.

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### 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 these instructions. The manufacturer reserves the right to change this product at any time.

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 the Wenger Corporation at (800) 4WENGER (493-6437) or +1-507-455-4100 worldwide.

#### Manufacturer

The Rehearsal Resource Center is manufactured by:

Wenger Corporation 555 Park Drive Owatonna, MN 55060 (800) 4WENGER (493-6437) • +1 (507) 455-4100 wengercorp.com

#### Intended Use

- 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 and used only as described in these instructions.

#### Warranty

Warranty information is available at wengercorp.com.

## Safety Precautions

Throughout this document you may find cautions and warnings which are defined as follows:

- WARNING: Failure to follow the instruction could result in serious injury or damage to property.
- CAUTION: Failure to follow the instruction could result in minor injury or damage to property.

Read all of these safety instructions before starting the assembly.

### ACAUTION

Make sure anyone assembling, installing or using this product has read and understands these instructions.

### ACAUTION

Failure to comply with Warnings and Cautions in this document or on the equipment can result in damage to property or serious injury.

### ACAUTION

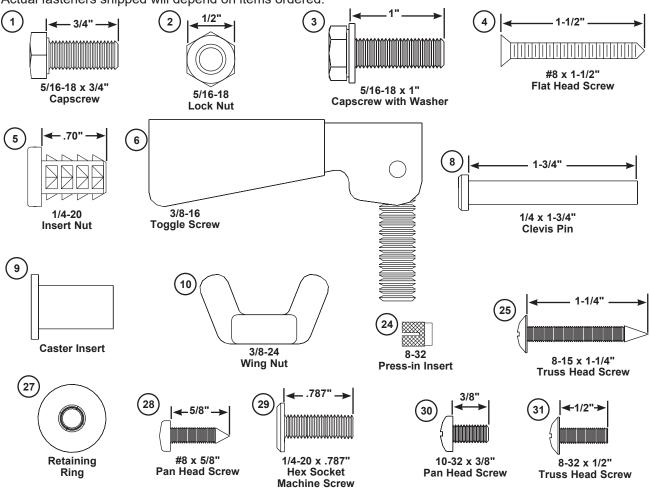
To help avoid damage and injury, two people are recommended for assembly.

### ACAUTION

Maximum combined load capacity for a single drawer or stereo unit assembly is 250 lb (113 kg) and the maximum top shelf capacity is 100 lb (45 kg).

# **Supplied Hardware**

Fasteners shown are for both unit assemblies and all optional parts. Actual fasteners shipped will depend on items ordered.



### **Parts List**

Item	Description	Item	Description	Item	Description		
1	5/16-18 x 3/4" Capscrew	13	Lock Assembly	26	Lock Bracket*		
2	5/16-18 Lock Nut	14	Folio Box Top/Bottom*	27	1/4" Diameter Retaining Ring		
3	5/16-18 x 1" Capscrew	15	Folio Box Backstop*	28	#8 x 5/8" Pan Head Screw		
4	#8-18 x 1-1/2" Flat Head Screw	17	Folio Box Shelf*	29	1/4-20 x .787" Hex Socket Machine Screw (gray or Black)		
5	1/4-20 Insert Nut	18	Folio Box Shelf Support*	30	10-32 x 3/8" Pan Head Screw (black zinc)		
6	3/8-16 Toggle Screw	19	Angle Lock Bracket	31	8-32 x 1/2" Truss Head Screw (oyster)		
7	Grommet with Cap	20	Hinge*	32	5 mm Hex Wrench		
8	1/4" Dia 2" Clevis Pin	21	Upper Lock Door*	33	5/32" Hex Wrench		
9	5/16-18 Caster Insert	22	Lower Lock Door*	34	Plastic Tapered Square Bumper*		
10	3/8-24 Wing Nut	23	Lower Lock Door Plate*	35	Off-Set Cam Lock		
11	Caster Assembly	24	8-32 Press-in Insert				
12	Leg Extension*	25	8-15 x 1-1/4" Truss Head Screw				
*Optio	*Optional Components						

# **Required Tools**

The use of a power driver is not recommended.

- Mallet
- · Phillips screwdriver
- Short phillips screwdriver (for upper lock cover only)
- 1/2", 5/8" and 7/8" open end wrench (adjustable wrench is optional)

- 1/2" socket and ratchet (for leg extensions only)
- 5mm (32) and 5/32" (33) hex wrench (provided)

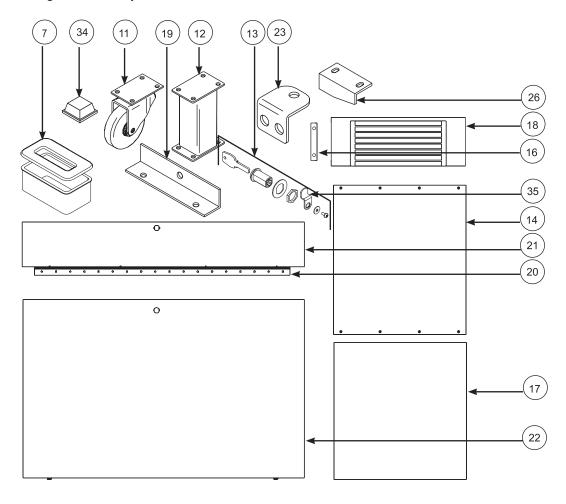
#### **NOTICE**

Because of symmetry of the vertical panels and shelf panel, you'll notice a number of unused drilled holes. This is intentional and allows for the addition of extra drawers, optional locking front doors and other right hand or left hand assembly options.

### Assembly

Before starting the Rehearsal Resource Center assembly, do the following.

- 1. Read and understand this assembly instruction.
- 2. Remove all items from the shipping cartons and arrange the parts as shown in the diagram below. Make sure that all parts are present. Item numbers refer to the "Parts List". Note optional components.
- 3. Inventory the hardware package and make sure that all required hardware is present. Discard any items not used during the assembly.



#### Unpack the Unit Assembly

#### **NOTICE**

After unpacking and checking for damage, tighten any fasteners that may have loosened during shipment.

#### **NOTICE**

The Rehearsal Resource Center is shipped with the drawers, shelves and power strip packaged separately.

The unit assembly is shipped banded to a wooden pallet. Remove the unit assembly from the pallet as follows.

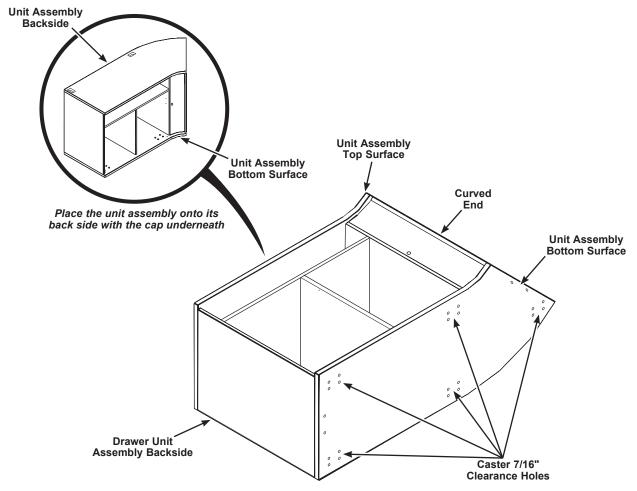
- 1. If the unit assembly is wrapped in shrink wrap film, carefully cut the film with a box cutter or shears and remove the film.
- 2. Cut the banding that holds the cap on top of the unit assembly. Remove the cap and place it onto the floor.
- 3. Carefully cut the banding that holds the protective corner pieces on the unit assembly and discard the corner pieces.
- 4. With two people working together, carefully lift the unit assembly from the pallet and place it onto its backside with the shipping cap underneath.

#### **ACAUTION**

Two people must always work together when lifting or moving the unit assembly.

### **AWARNING**

Dropping the unit assembly can result in serious damage or injury.

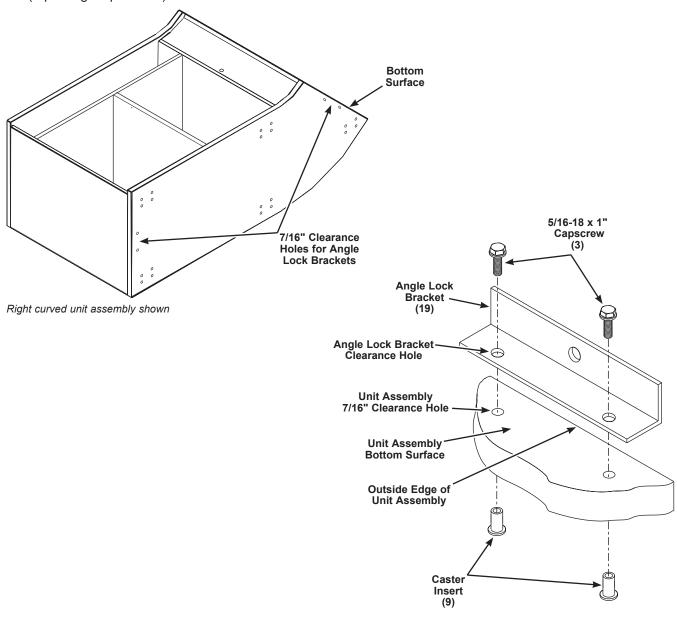


Right curved unit assembly shown with the backside resting on the floor (cap)

#### Assemble Angle Lock Brackets

Attach two angle lock brackets (19) to the unit assembly bottom surface as follows.

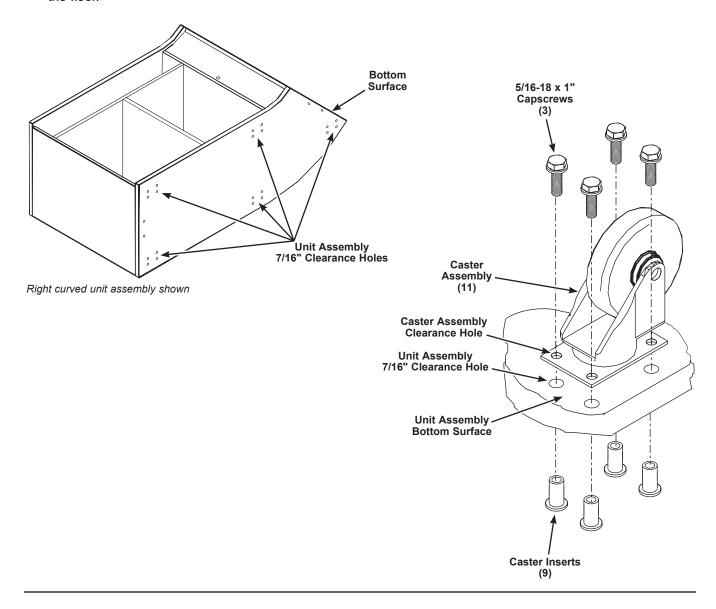
- 1. With the unit assembly resting on its backside, align an angle lock bracket (19) to the two 7/16" clearance holes shown in the illustration below.
- 2. Insert a caster insert (9) into one of the 7/16" clearance holes.
- 3. Insert a 5 mm hex wrench (32) into the caster insert (9) to keep it from turning.
- 4. Insert a capscrew (3) through an angle lock bracket clearance hole (19) and hold the head of the capscrew (3) by hand while tightening the caster insert (9) with the hex wrench (32). Once the capscrew (3) lock washer makes contact, the insert (9) can be fully tightened with the hex wrench (32).
- 5. Fasten the second capscrew (3) to the unit assembly by repeating steps 2 to 4.
- 6. Assemble the other angle lock bracket (19) to opposite end of the unit assembly in the same manner (repeating steps 2 to 5).



#### **Assemble Casters**

To assemble the caster assemblies (11) to a unit assembly, do as follows.

- 1. Leave the unit assembly on its backside with the cap underneath as shown below.
- 2. Align the caster assembly clearance holes (11) to four 7/16" clearance holes on the bottom surface of the unit assembly as shown in the illustration below.
- 3. Insert a caster insert (9) into one of the unit assembly clearance holes.
- 4. Insert a 5 mm hex wrench (32) into the caster insert (9) to keep it from turning.
- 5. Insert a capscrew (3) through the caster assembly clearance hole (9) and hold the head of the capscrew (3) by hand while tightening the caster insert (9) with the hex wrench (32). once the capscrew lock washer (3) makes contact, the insert (9) can be fully tightened with the hex wrench (32).
- 6. Continue fastening three additional capscrews (3) to the caster assembly (11).
- 7. Assemble the four additional caster assemblies to the unit assembly in the same manner (repeating steps 2 to 6).
- 8. With two people working together, lift the unit assembly and place it with caster assemblies resting on the floor.

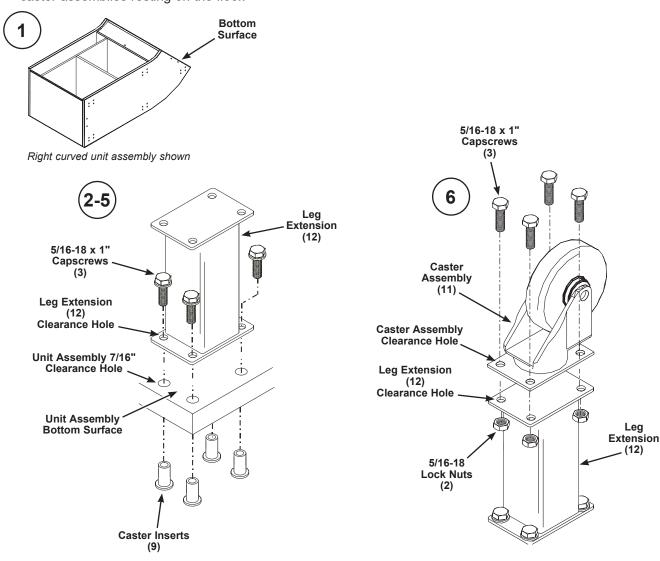


#### **Assemble Casters with Optional Extension Legs**

Assemble the caster assemblies (11) and optional leg extensions (12) to a unit assembly as follows.

- 1. With the unit assembly backside on the floor (front surface facing upward), align the leg extension clearance holes (12) to four 7/16" clearance holes on the bottom surface as shown in the illustration below.
- 2. Insert a caster insert (9) into one of the 7/16" clearance holes.
- 3. Using a 5 mm hex wrench (32) to keep the caster insert (9) from turning, insert a capscrew (3) through the leg extension clearance hole and hand tighten until the capscrew lock washer contacts the leg extension (12).

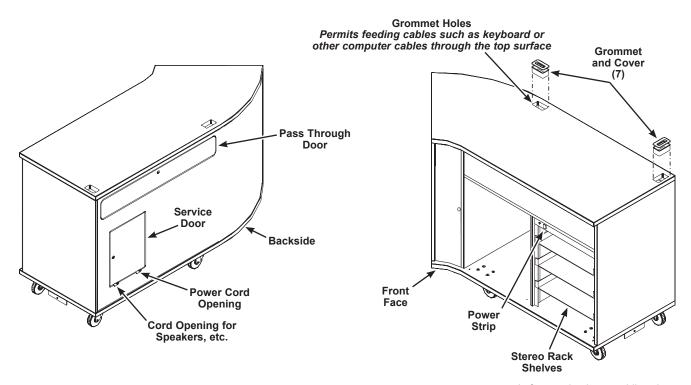
  Once the lock washer makes contact, the caster insert (9) can be fully tightened by hand with the
  - Once the lock washer makes contact, the caster insert (9) can be fully tightened by hand with the hex wrench (32).
- 4. Repeat steps 2 and 3 with three additional capscrews (3).
- 5. Assemble the four remaining leg extensions (12) to the unit assembly in the same manner (repeating steps 2 to 4).
- 6. Assemble all five caster assemblies (11) to the leg extensions with four capscrews (1) and four lock nuts (2) each. Use two 1/2" open end wrenches or one open end wrench and one socket and ratchet.
- 7. With two people working together, lift the unit assembly upward and then place it onto the floor with caster assemblies resting on the floor.



#### Assemble Shelves and Power Strip

The Rehearsal Resource Center is shipped with the shelves, drawers, and power strip packaged separately. With the Rehearsal Resource Center resting on its casters, do as follows.

- 1. For the drawer unit, remove the two metal drawers from the package and insert them into the drawer glides.
- 2. To install shelves on the stereo unit:
  - a. Place each shelf in the desired position.
  - b. Use four #10-32 x 3/8" pan head screws (30) to attach each shelf in place.
- 3. To install rack mounted equipment:
  - a. Place the rack mounted equipment in the desired position (if shelves have been installed, remove the shelf).
  - b. Use four #10-32 x 3/8" pan head screws (30) to attach each rack mount in place.
  - Reach through the service door in the backside of the unit assembly to route cords into the power compartment.
- 4. To install the power strip:
  - a. Use four #10-32 x 3/8" pan head screws (30) to attach the power strip above the highest shelf.
  - b. There is a service door in the back of the unit. Below the door are two openings for cords.
     As you stand behind the left curved unit, the left hand opening is for speakers and other equipment.
     The right hand opening is for the cabinet power cord.
     For the right curved unit, the right hand opening is for speakers and other equipment and the left hand opening is for cabinet power supply cords.
  - c. Additional fasteners in the bag are for future use.
- 5. Insert the two plastic grommets with covers (7) into the two grommet clearance holes on top panel.



Left curved unit assemblies shown

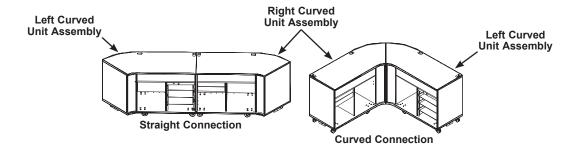
#### Connect Units

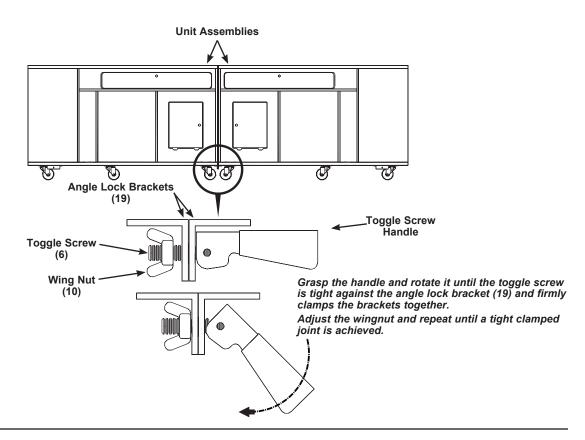
Unit assemblies can be connected together in either a straight configuration or a curved configuration. To connect two unit assemblies together, do as follows.

- 1. Push the two units together so that the angle bracket 3/8" clearance holes are aligned.
- 2. Insert a toggle screw (6) through the two angle lock bracket clearance holes.
- 3. Hold a wing nut (10) and screw the threaded end of the toggle screw (6) onto the wing nut (10). Do not tighten; leave enough clearance between the wing nut and the angle lock bracket to allow the toggle screw handle to easily cam over and clamp the two brackets together firmly.
- 4. Grasp the handle of the toggle screw (6) and rotate the handle until it is tight.
- 5. Repeat steps 3 and 4 until the adjacent units are tight together.

#### ACAUTION

Maximum combined load capacity for a single drawer or stereo unit assembly is 250 lb (113 kg) and the maximum top shelf capacity is 100 lb (45 kg).

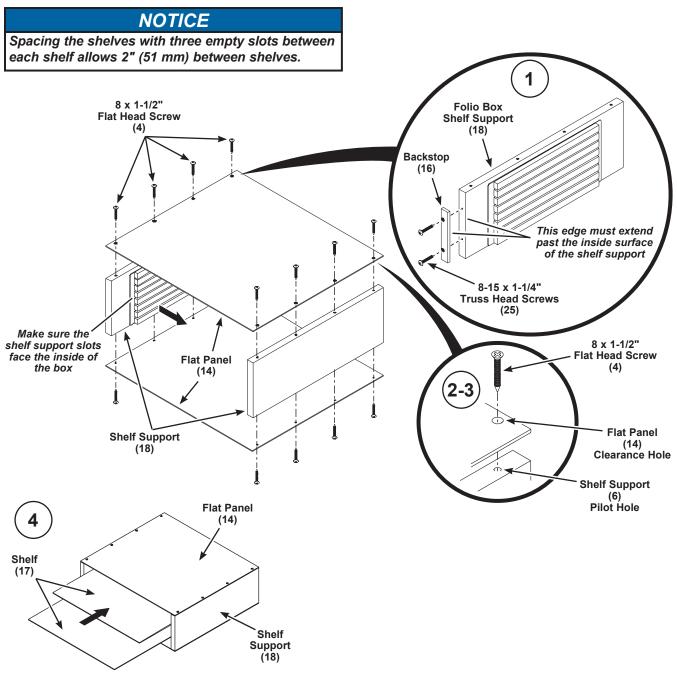




#### Assemble Optional Folio Boxes

To assemble a folio box, do as follows.

- 1. Attach the folio box backstop (16) to one folio box shelf support (18) with two truss head screws (25). Pilot holes on the end of the side panel locate the position of the backstop.
- 2. Align the clearance holes in two folio box flat panels (14) with the pilot holes in two folio box shelf supports (18). Make sure that the shelf support slots face the inside of the box.
- 3. Using a phillips screwdriver, fasten the flat panels (14) to the shelf supports (18) by screwing sixteen flat head screws (4) into the clearance holes.
- 4. Insert two folio box shelves (17) into the slots in the shelf supports (18).

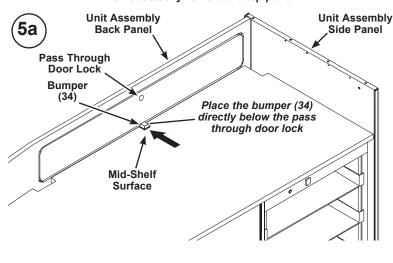


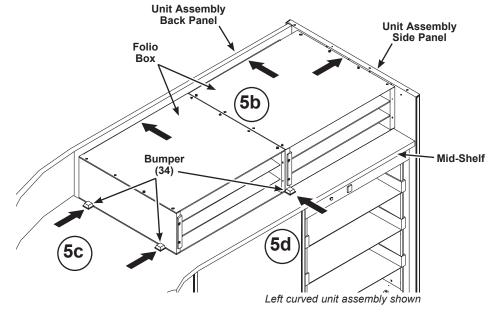
#### Assemble Optional Folio Boxes (continued)

- 5. Install the folio boxes in a unit assembly as follows:
  - a. Remove the protective backing on a bumper (34) and place the bumper (34), with the adhesive side against the mid-shelf surface, directly below the pass through door lock at the back of the unit assembly mid-shelf as shown below.
  - b. Place the folio box assemblies on the mid-shelf with a side of the right folio box against the right side panel of the left curved unit assembly (left side for the right curved unit assembly).
  - c. Remove the protective backing from two bumpers (34) and place the bumpers (34), with the adhesive side against the mid-shelf surface, so that the edge of the bumpers is against the left side of the left folio box (right side for the right curved unit assembly) as shown in the illustration below.
  - d. Remove the protective backing from a bumper (34) and place the bumper (34), with the adhesive side against the mid-shelf surface, at the front of the folio boxes at a point where their sides touch as shown in the illustration below.

Left curved unit assembly shown with the top panel removed for clarity.

Do not actually remove the top panel!





#### Assemble Optional Lower Lock Cover

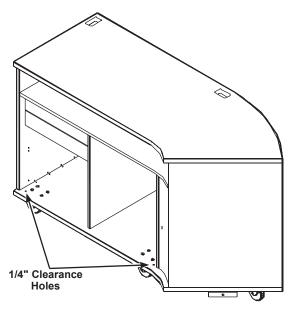
- 1. Assemble two clevis pins (8) to the unit assembly as follows.
  - a. Insert a clevis pin (8) into the lower surface of a 1/4" (6 mm) clearance hole on the bottom panel of the unit assembly.
  - b. Support the head of the clevis pin (8) from the bottom with a piece of wood or something similar and press a retaining ring (27) onto the pin.

#### **NOTICE**

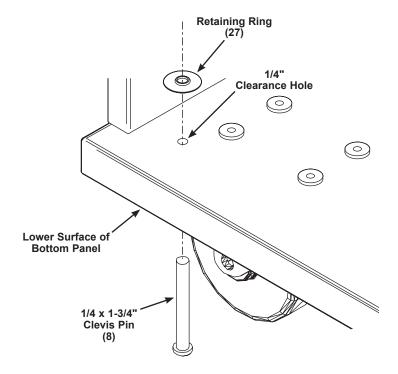
Do not press retaining ring (27) onto the clevis pin (8) before inserting the pin into the clearance hole. The retaining ring cannot be removed without damaging it. Extra rings are provided with the lower lock door hardware.

Although the retaining ring can be pushed on by hand, a deep socket or a small metal tube works best to push the retaining ring onto the pin. Push the retaining ring (27) until it holds the head of the clevis pin against the bottom surface of the unit assembly.

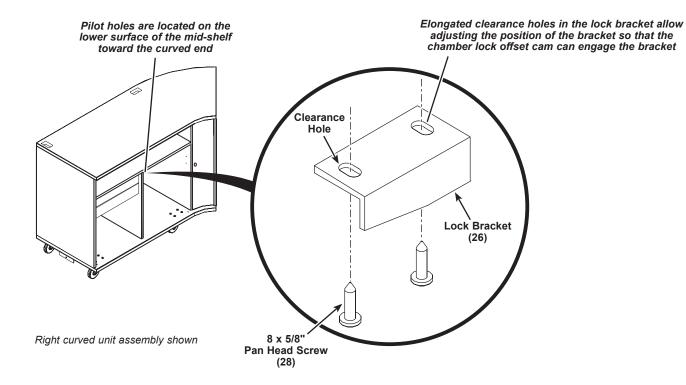
c. Assemble the other clevis pin and retaining ring in the same way.



Right curved unit assembly shown

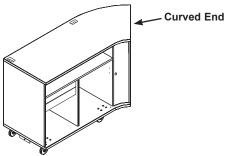


Assemble Optional Lower Lock Cover (continued)
2. Using a phillips screwdriver, attach the lock bracket (26) with two pan head screws (28) to the pair of pilot holes as shown in the illustration below. The lock bracket position can be adjusted so that the chamber lock offset cam can engage the bracket.



#### Assemble Optional Lower Lock Cover (continued)

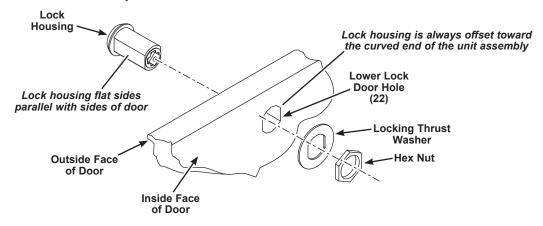
- 3. Attach two lower lock door plates (23) to the lower lock door (22).
  - a. Insert the barbed nut inserts (5) through the lower lock door plates (23) and into the clearance holes on the outside surface of the lower lock door (22). The inserts (5) must be tapped into the door clearance holes with a mallet.
  - b. Screw two hex socket machine screws (29) into the two nut inserts (5) and tighten using a 5/32" hex wrench (33).
  - c. Attach the second lock door plate (23) to the lower lock door (22) in the same way (steps 3a and 3b).



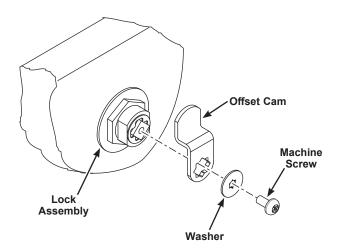
Right curved unit assembly shown **Lower Lock** Door (22)Hole for chamber lock is offset toward the curved end of the unit assembly Outside Surface Hole for Chamber Lock Assembly **Lower Lock** 1/4-20 x .787" **Door Plate Hex Socket** Outside (23)**Machine Screw** Surface (29)Clearance Holes **Bottom Edge** Q Q **Lower Lock** Clearance Door Hole (24)1/4-20 **Insert Nut** (5) Lower Lock **Door Plate** (23)

#### Assemble Optional Lower Lock Cover (continued)

- 4. Assemble the lock assembly (13) to the lower lock door (22).
  - a. Position the lock housing so that the flat sides are parallel with the sides of the lower lock door (22).
  - b. Insert the lock housing into the outside of the lower lock door hole (22).
  - c. On the inside surface of the door, slide the locking thrust washer over the end of the lock housing.
  - d. Fasten the hex nut to the lock housing. Do not allow the lock housing to rotate.
  - e. Hold the threaded end of the lock with a 5/8" open end wrench and tighten the hex nut with a 7/8" open end wrench or adjustable wrench.



- 5. Assemble the offset cam to the door lock assembly.
  - a. Slide the offset cam onto the end of the lock assembly.
  - b. Slide the washer onto the end of the lock assembly.
  - c. Fasten the machine screw to the end of the lock assembly and tighten.
  - d. Insert the key and make sure that turning the key clockwise rotates the offset cam to the vertical position as shown below. If the offset cam is not vertical, loosen the machine screw and reposition the offset cam. Then tighten the machine screw.

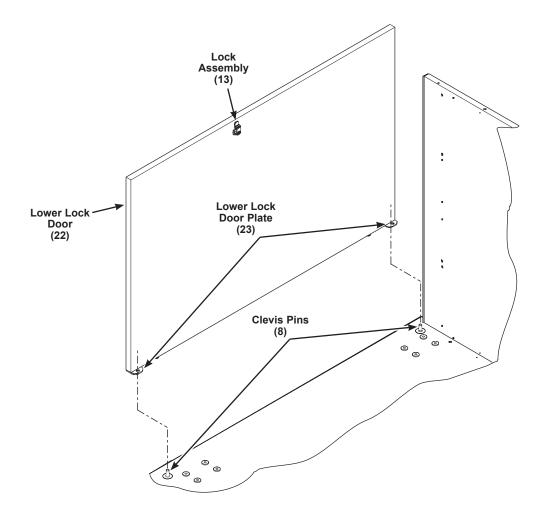


### Assemble Optional Lower Lock Cover (continued)

- 6. Place the lower lock door (22) into position.
  - a. Insert the key into the lock assembly (13) and turn counterclockwise (unlock position).
  - b. Place the two clearance holes of the two lower lock door plates onto the two clevis pins (8) as shown below.
  - c. Push the door forward until it is against the mid-shelf and then turn the key clockwise (locking the lock the door will not stay in place without locking).
     The lock bracket (26) may require adjustment for the offset cam to engage the lock bracket, refer to step 2.

#### **NOTICE**

The chamber lock is always offset toward the curved end of the unit assembly.



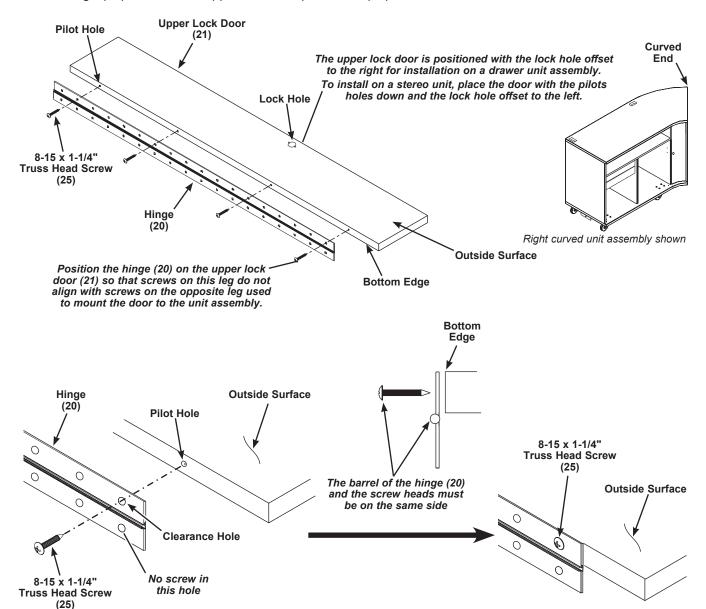
#### Assemble Optional Upper Lock Cover

- 1. Attach the hinge (20) to the upper lock door (21).
  - a. Lay the upper lock door (21) on a horizontal surface with the upper lock door hole offset toward the curved end of the unit assembly. The outside surface is up.

#### **NOTICE**

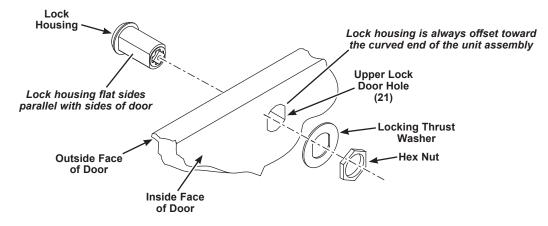
To install the optional upper lock door on a drawer unit assembly, make sure that the pilot holes are facing down and the lock hole is offset to the right, as shown below. The lock hole is offset to the left on a left curved unit assembly.

- b. Align the hinge (20) to the pilot holes on the bottom edge of the upper lock door (21) as shown below. Make sure that the barrel of the hinge (20) faces away from the bottom edge of the upper lock door (21) and that the screws do not align with screw holes used to mount the door to the unit assembly.
- c. Using a phillips screwdriver, screw four truss head screws (25) through the clearance holes in the hinge (20) into the four upper lock door pilot holes (21).

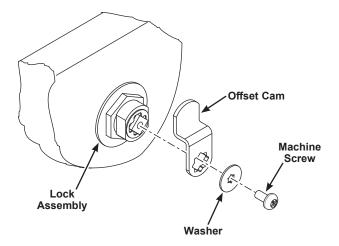


#### Assemble Optional Upper Lock Cover (continued)

- 2. Assemble the lock assembly (13) to the upper lock door (21).
  - a. Position the lock housing so that the flat sides are parallel with the sides of the upper lock door (21).
  - b. Insert the lock housing into the outside of the upper lock door hole (21).
  - c. On the inside surface of the door, slide the locking thrust washer over the end of the lock housing.
  - d. Fasten the hex nut to the lock housing. Do not allow the lock housing to rotate.
  - e. Hold the threaded end of the lock with a 5/8" open end wrench and tighten the hex nut with a 7/8" open end wrench or adjustable wrench.

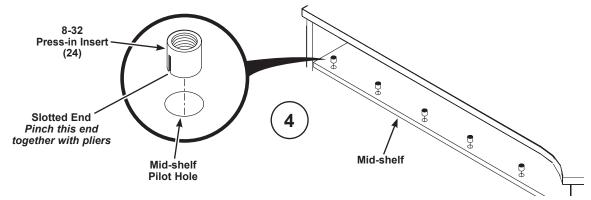


- 3. Assemble the offset cam to the door lock assembly.
  - a. Slide the offset cam onto the end of the lock assembly.
  - b. Slide the washer onto the end of the lock assembly.
  - c. Fasten the machine screw to the end of the lock assembly and tighten.
  - d. Insert the key and make sure that turning the key clockwise rotates the offset cam to the vertical position as shown below. If the offset cam is not vertical, loosen the machine screw and reposition the offset cam. Then tighten the machine screw.



#### Assemble Optional Upper Lock Cover (continued)

4. Using the mallet, tap five brass press-in inserts (24) into the pilot holes in the mid-shelf (slotted end enters pilot hole first). Pinch the slotted end together with pliers to make it easier to engage the hole.



- 5. Attach the lock bracket (26) with two pan head screws (28) to the pair of pilot holes on the underneath side of the unit top panel. The lock bracket (26) may require adjustment for the offset cam to engage the lock bracket.
- 6. Use five pan head screws (31) and attach the upper lock door to the unit assembly as shown in the illustration below. Make sure that screws on the opposite leg of the hinge are offset so that the hinge can fold 180°
- 7. Insert the key into the lock assembly and turn it counterclockwise (unlocking the lock).
- 8. Close the door and turn the key clockwise (locking the door). The door will not stay closed unless it is locked.

