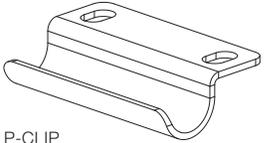
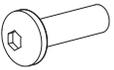
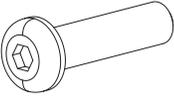
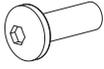
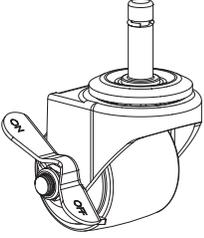
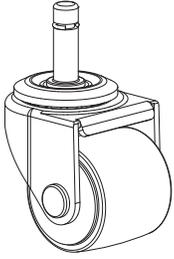
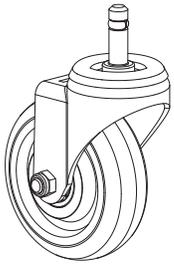
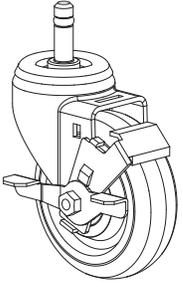
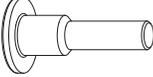
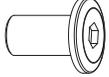
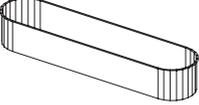


Rockwell Unscripted Storage Installation Instructions

Hardware List

Note
See pages 36 thru 38 for hardware replacement kits.

Tools Needed
3/32", 5/32", 7/32", 5mm - Allen wrench
#2 - Phillips driver bit
Mallet
9/16" open end wrench

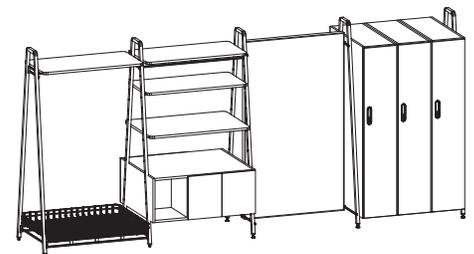
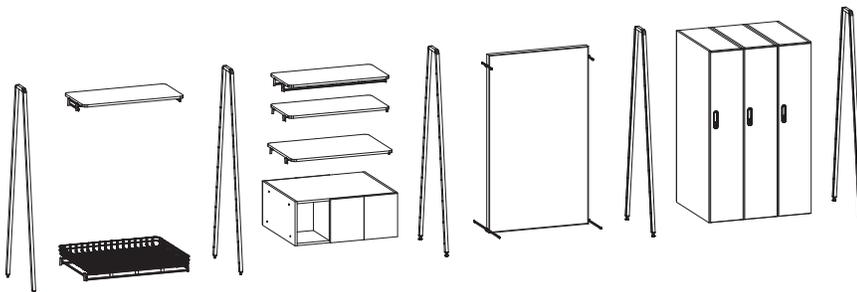
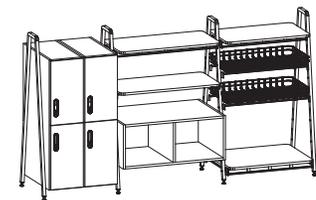
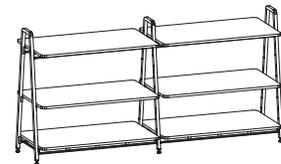
HARDWARE LIST			
<p>(A)</p>  <p>BASKET TRACK P-CLIP</p>	<p>(B)</p>  <p>3/8" SUPPORT P-CLIP</p>	<p>(C)</p>  <p>1/2" SUPPORT P-CLIP</p>	<p>(D)</p>  <p>WKSF P-CLIP</p>
<p>(E)</p>  <p>TIE-ROD SUPPORT SCREW 1/4-20 X 7/8" LG MACHINE SCREW 5/32" ALLEN WRENCH</p>	<p>(F)</p>  <p>SUPPORT SCREW 1/4-20 X 5/8" LG MACHINE SCREW 5/32" ALLEN WRENCH</p>	<p>(G)</p>  <p>HOSPITALITY CART GAURD SCREW #8-32 SOCKET FLAT HD SCREW X 1.00" LG 3/32" ALLEN WRENCH</p>	<p>(H)</p>  <p>P-CLIP TO WKSF SCREW #10 SHEETMETAL SCREW X 1/2" LG NO. 2 PHILLIPS</p>
<p>(I)</p>  <p>BASKET TRACK SCREW #8-32 TYPE F SELF-TAPPING NO. 2 PHILLIPS</p>	<p>(J)</p>  <p>PANEL TIE-ROD SCREW 3/8-16 X 1.50"LG. MACHINE SCREW BUTTON HD 7/32" ALLEN WRENCH</p>	<p>(K)</p>  <p>PANEL TIE-ROD TO UPRIGHT 1/4-20 X.75"LG MACHINE SCREW 5/32" ALLEN WRENCH</p>	<p>(L)</p>  <p>CHANGE-UP TRACK SCREW 1/4-20 X 3/4" LG FLAT HD MACHINE SCREW 5/32" ALLEN WRENCH</p>
<p>(M)</p>  <p>LOCKING CASTER</p>	<p>(N)</p>  <p>NON-LOCKING CASTER</p>	<p>(O)</p>  <p>HOSPITALITY CART NON-LOCKING CASTER</p>	<p>(P)</p>  <p>HOSPITALITY CART LOCKING CASTER</p>
<p>(Q)</p>  <p>GLIDE</p>	<p>(R)</p>  <p>CHANGE-UP NYLON THUMB SCREW 1/4-20 THUMB SCREW WITH SHOULDER</p>	<p>(S)</p>  <p>1/4-20 X 30MM LOCKER TO LOCKER, LOCKER TO FRAME, CREDENZA TO FRAME 5MM ALLEN WRENCH</p>	<p>(T)</p>  <p>1/4-20 X 17MM FEMALE CONNECTOR, LOCKER CONNECTOR 5MM ALLEN WRENCH</p>
<p>(U)</p>  <p>PANEL TIE-ROD SPACER</p>	<p>(V)</p>  <p>MACH SCRW, 1/4-20 X 5/8 LG, PH TRUSS</p>	<p>(W)</p>  <p>GROMMET</p>	

Knowing your Design

Rockwell Unscripted Storage is a interchangeable assortment of components that can be designed in an endless number of ways.

This install guide will demonstrate how each of those components get installed and help explain the rules and tools needed to complete the job.

In addition you will need the design and/or elevation views of the specific configuration you are building. Work with a Knoll Sales Rep, the Knoll Dealer to understand your design.

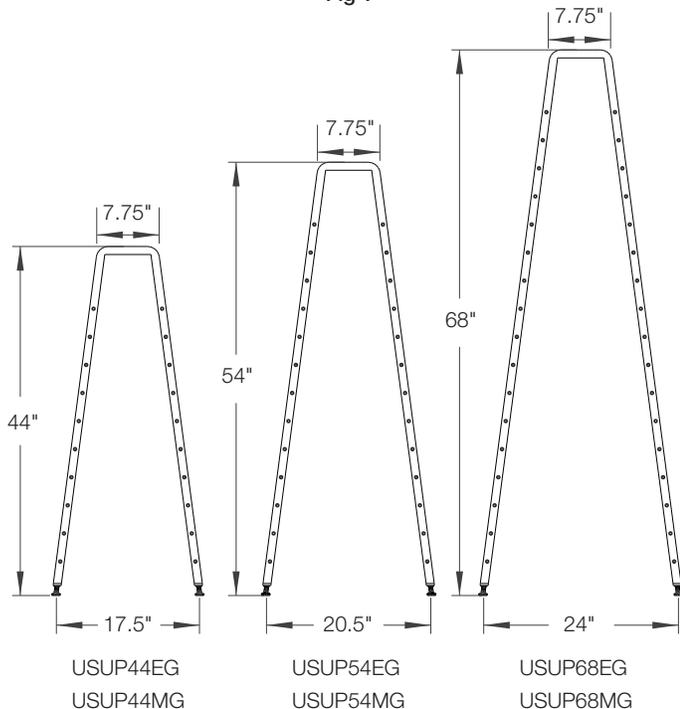


Rockwell Unscripted Storage Installation Instructions

Upright Components

End/Midspan upright with glides

Fig 1



End upright with casters

Fig 2

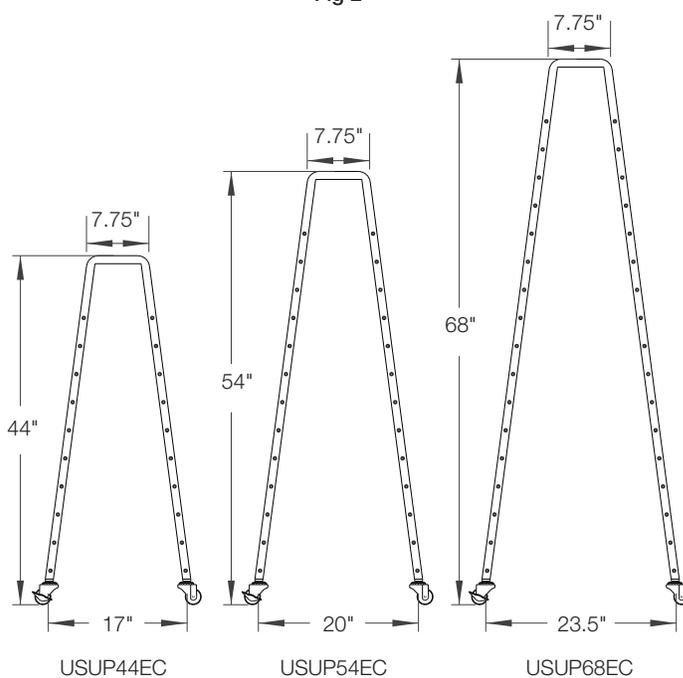
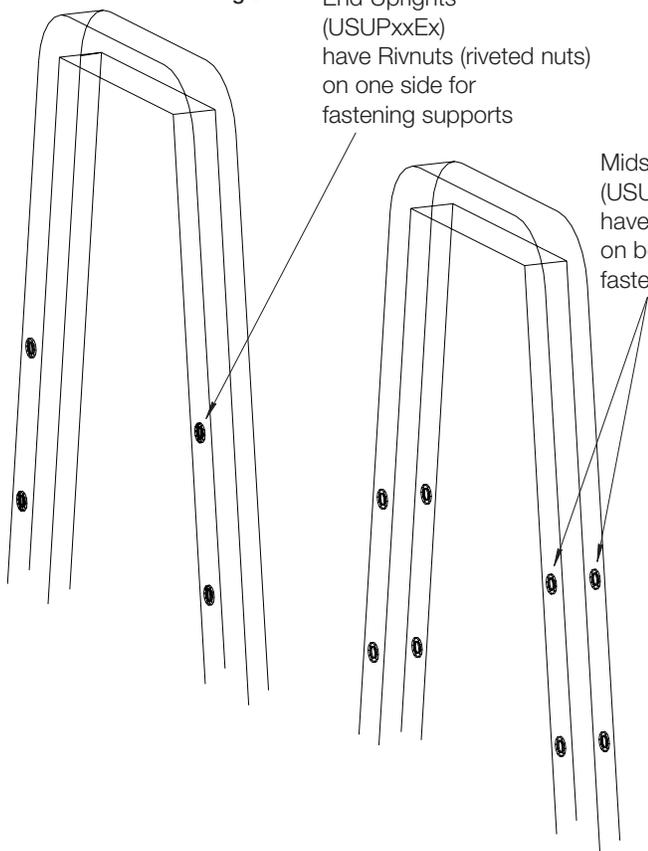


Fig 3

End Uprights (USUPxxEx) have Rivnuts (riveted nuts) on one side for fastening supports

Midspan Uprights (USUPxxMx) have Rivnuts (riveted nuts) on both sides for fastening supports



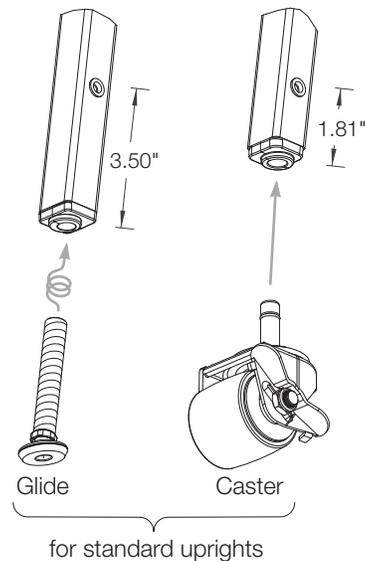
Note

Uprights are specific for glides or casters, this keeps the horizon height the same across the both styles.

Casters are 2"W and 2"Ø in Diameter.

Casters can not be installed in glide upright.
Glides can not be installed in caster upright

Fig 4



Structural Components

During any installation, whether its a single unit, or a linked configuration, each bay needs one top and one bottom structural component.

Whether you are installing a basket or shelf at the top of a configuration, trusses and coat bars are the structural components suitable for the upper levels.

Note: Baskets can not be mounted on coat bar.

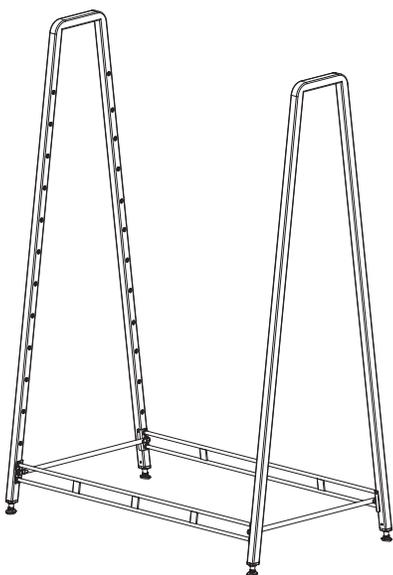


Trusses

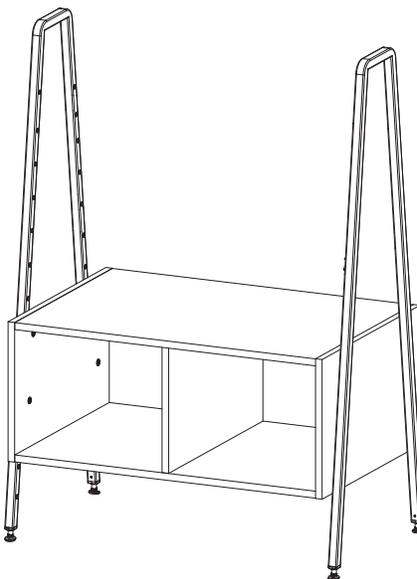


Coat Bar

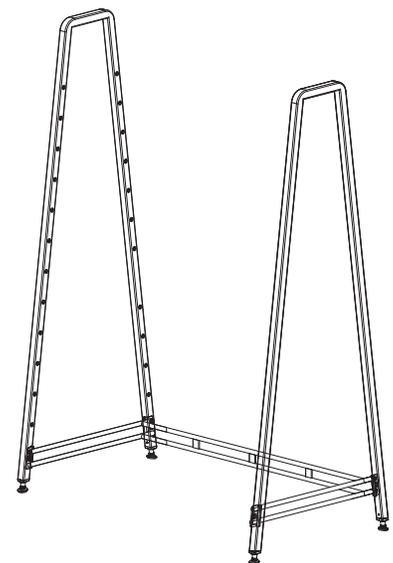
At the bottom of a configuration trusses, cabinets, and U-Braces used as structural components. Cabinets and U-Braces do not require the use of tie rods.



Trusses with Tie Rods



Cabinets

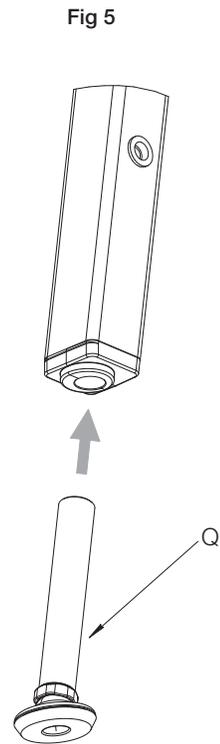
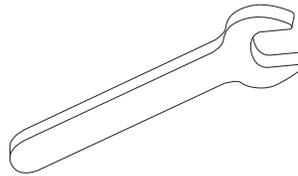


U-Brace

Installing Glides into Uprights

1. Uprights for glides (Q) have an insert with a tapped hole installed into the bottom.

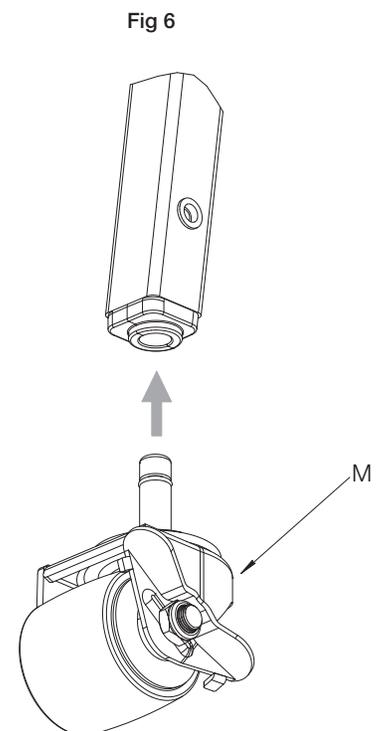
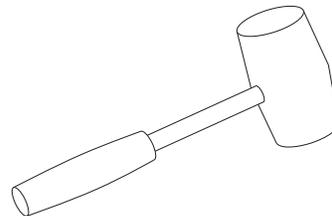
2. Thread the glides (Q) into the insert, using a 9/16" open end wrench (see diagram). (Fig. 5)



Installing Casters into Uprights

1. Uprights for casters (M) have an insert with a smooth bore hole.

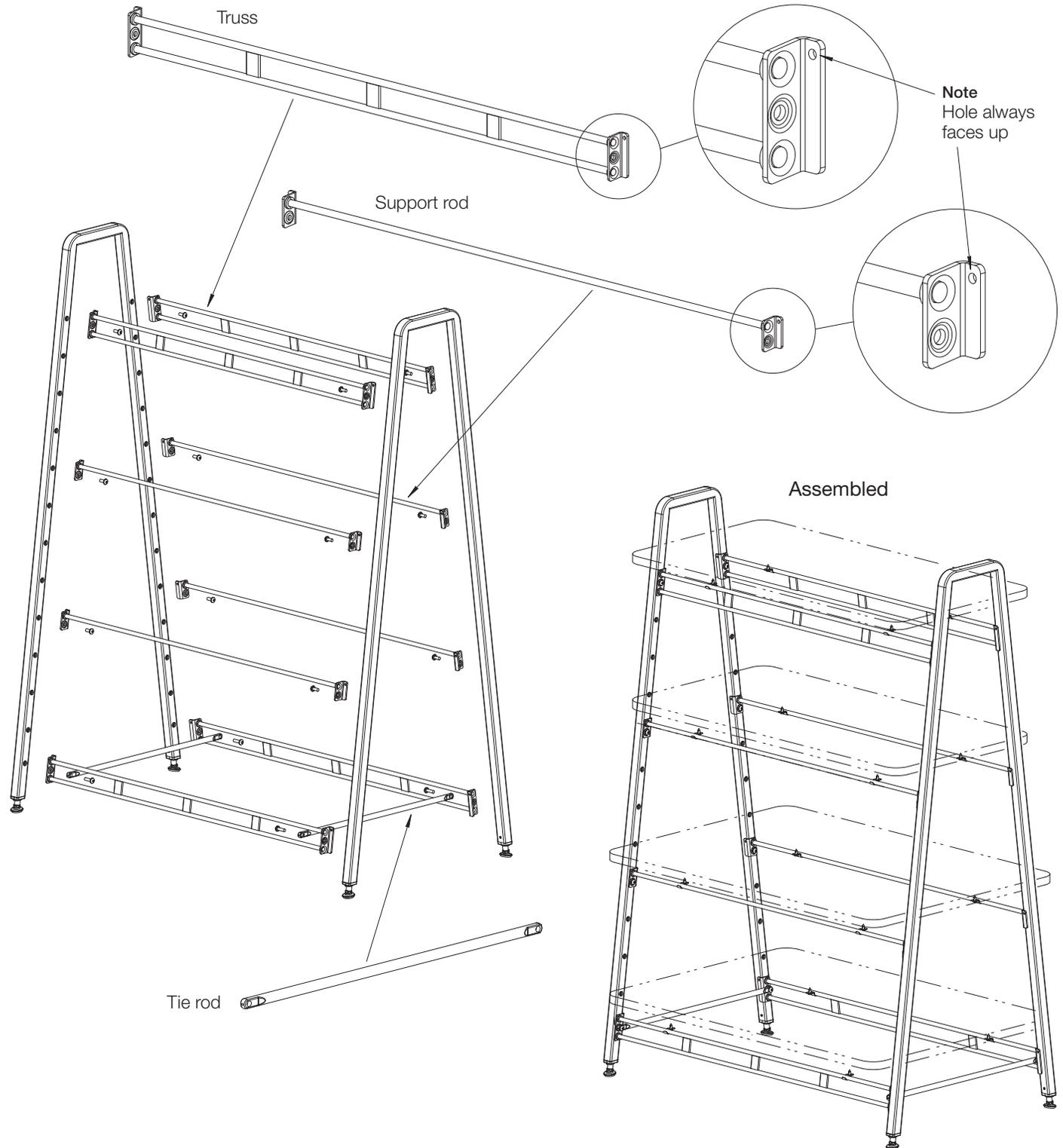
2. Insert the casters (M) using a mallet. (Fig. 6)



Rockwell Unscripted Storage Installation Instructions

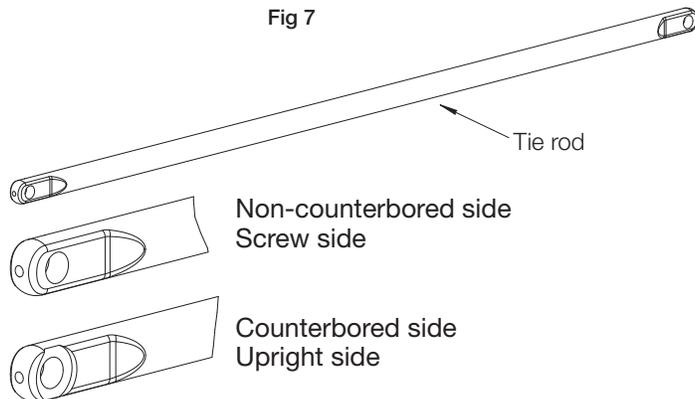
Supports : Truss, Support Rod and Tie Rod

- | | | |
|---|--|---|
| <p>Rule
There always needs to be two pairs of trusses. In the top zone (first 2 rivnuts) and the bottom zone (bottom 2 rivnuts).</p> | <p>Exceptions
Cabinets, panels, desks, U-braces and lockers</p> | <p>Note
Trusses and supports rods are kitted in pairs with shelves and baskets. End uprights come with one tie rod. Midspan uprights come with two tie rod</p> |
|---|--|---|

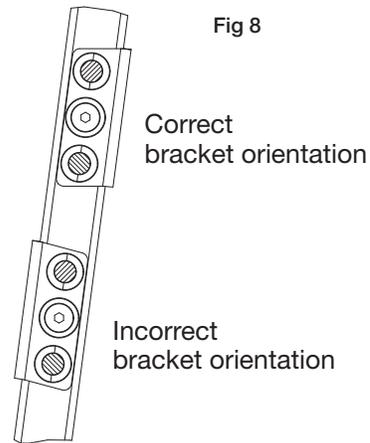


Attaching Tie Rods and Bottom Trusses to Uprights

1. Orient tie rods with counterbore toward the rivnut. (Fig. 7)

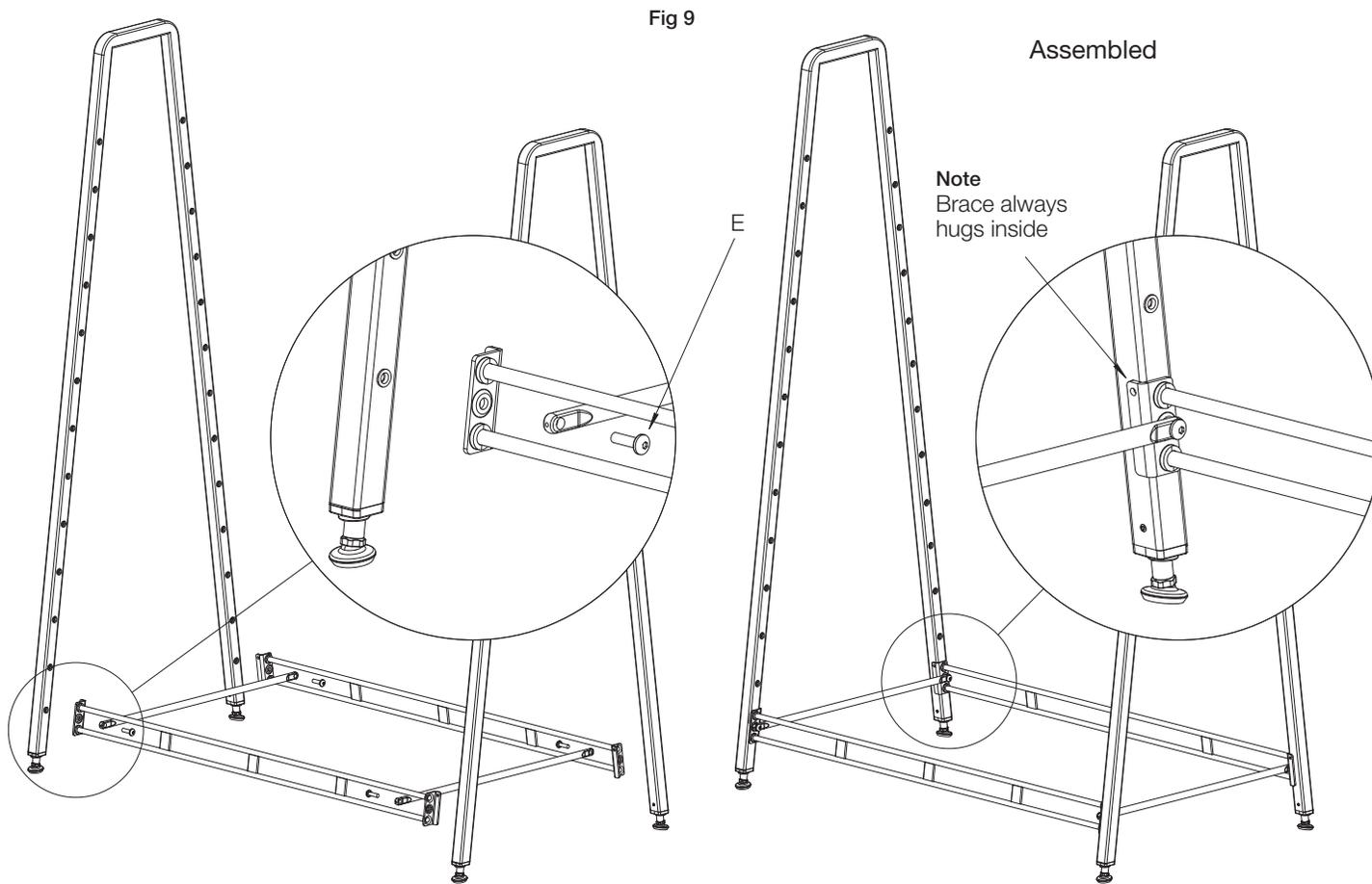


2. Orient truss end bracket correctly (see diagram). (Fig. 8)



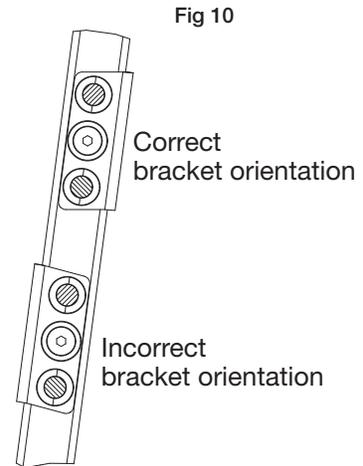
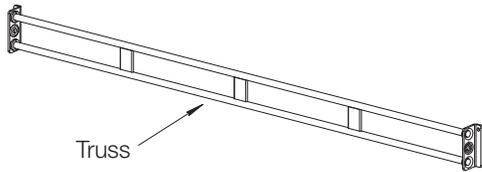
3. Tie rods mount on top of trusses. Truss end bracket is sandwiched between tie rod and upright (see diagram). (Fig. 9)

4. Mount tie rod and truss to upright using screw (E) into the bottom most rivnut.
5. Tighten securely.

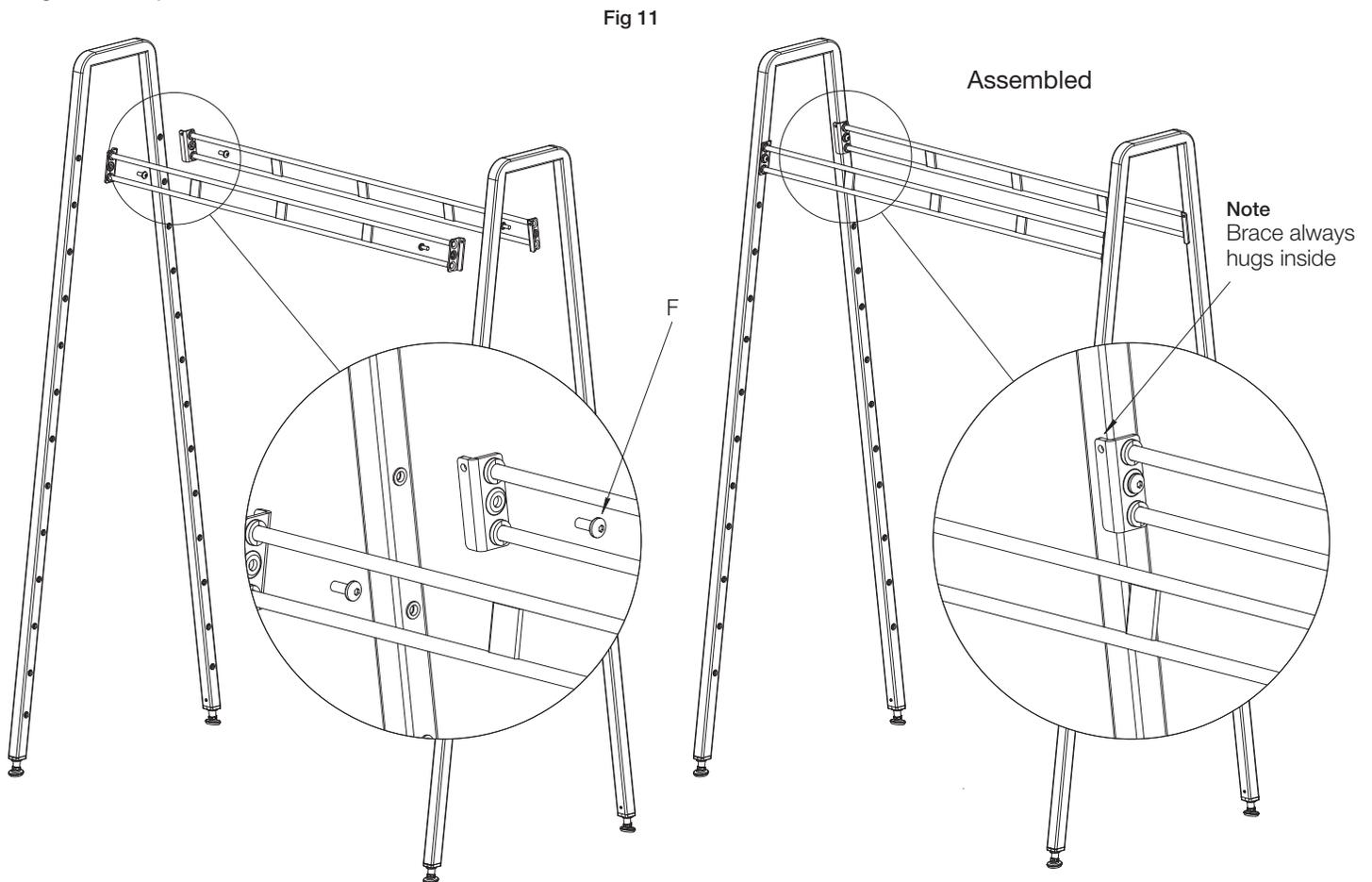


Attaching Top Trusses to Uprights

1. Orient truss end brackets correctly (see diagram). (Fig.10)



2. Attach trusses to uprights using screw (F). (Fig. 11)
3. Tighten securely.



Attaching Support Rods to Uprights

1. Orient support rod end brackets correctly (see diagram). (Fig. 12)

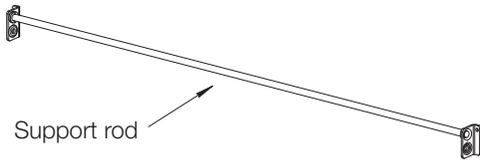
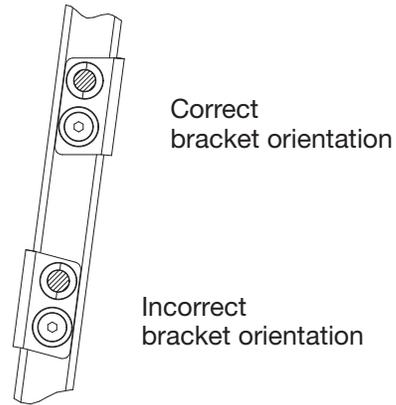
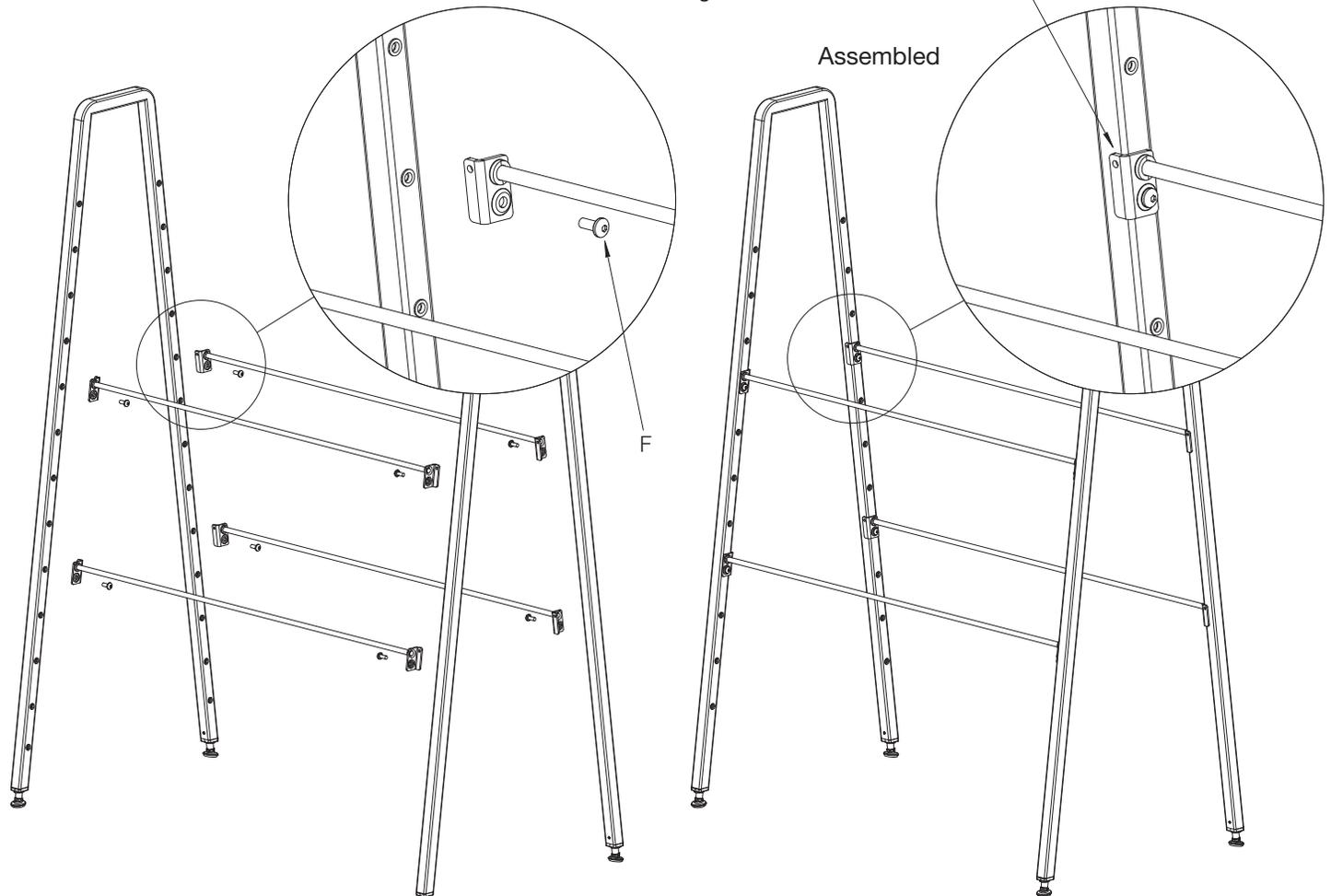


Fig 12



2. Attach support rods to uprights using screw (F). (Fig. 13)
3. Tighten securely.

Fig 13

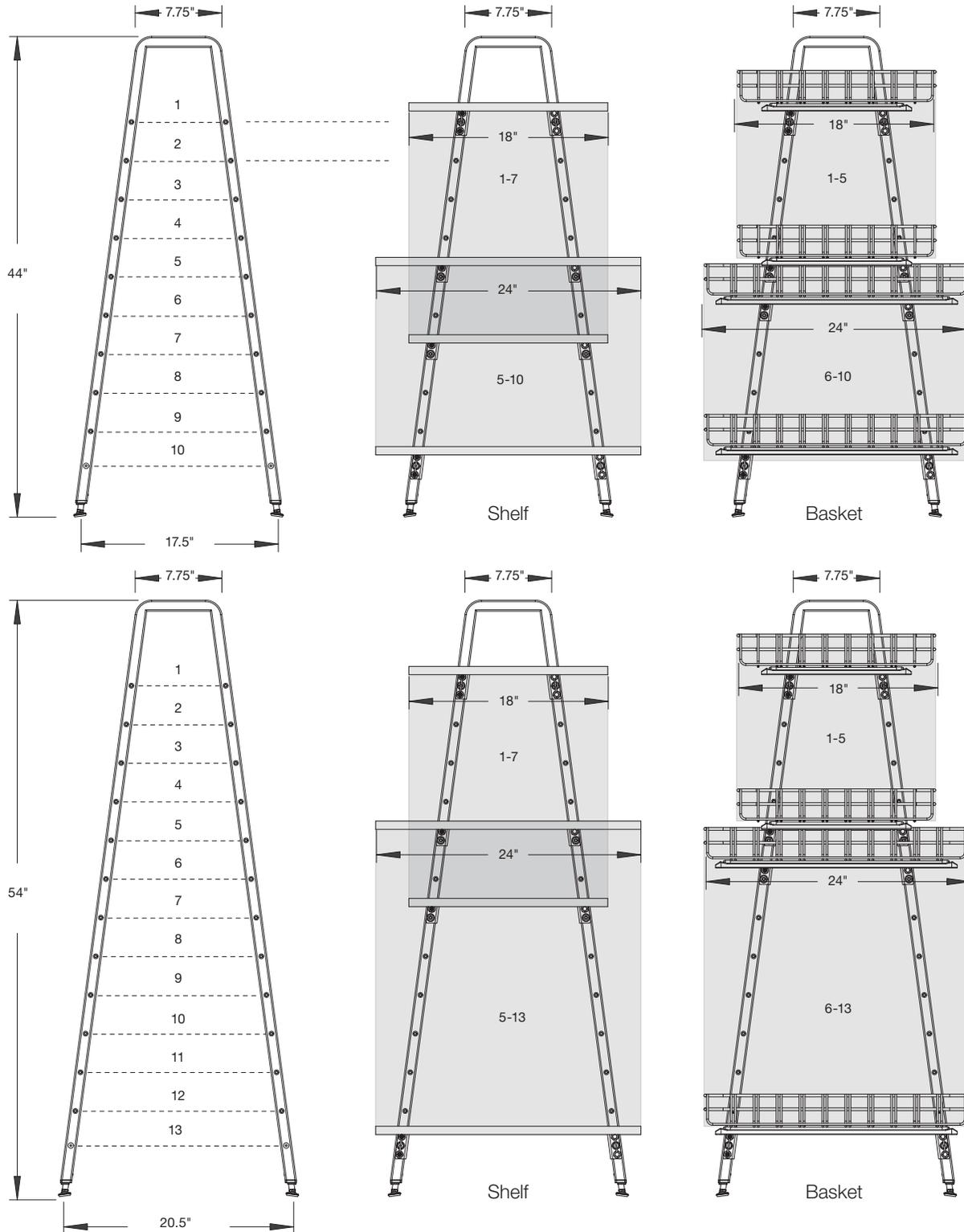


Rockwell Unscripted Storage Installation Instructions

Shelves and Basket Elevation Placement : 44"H, 54"H

Note

Numbers correspond to the rivnut mounting level.

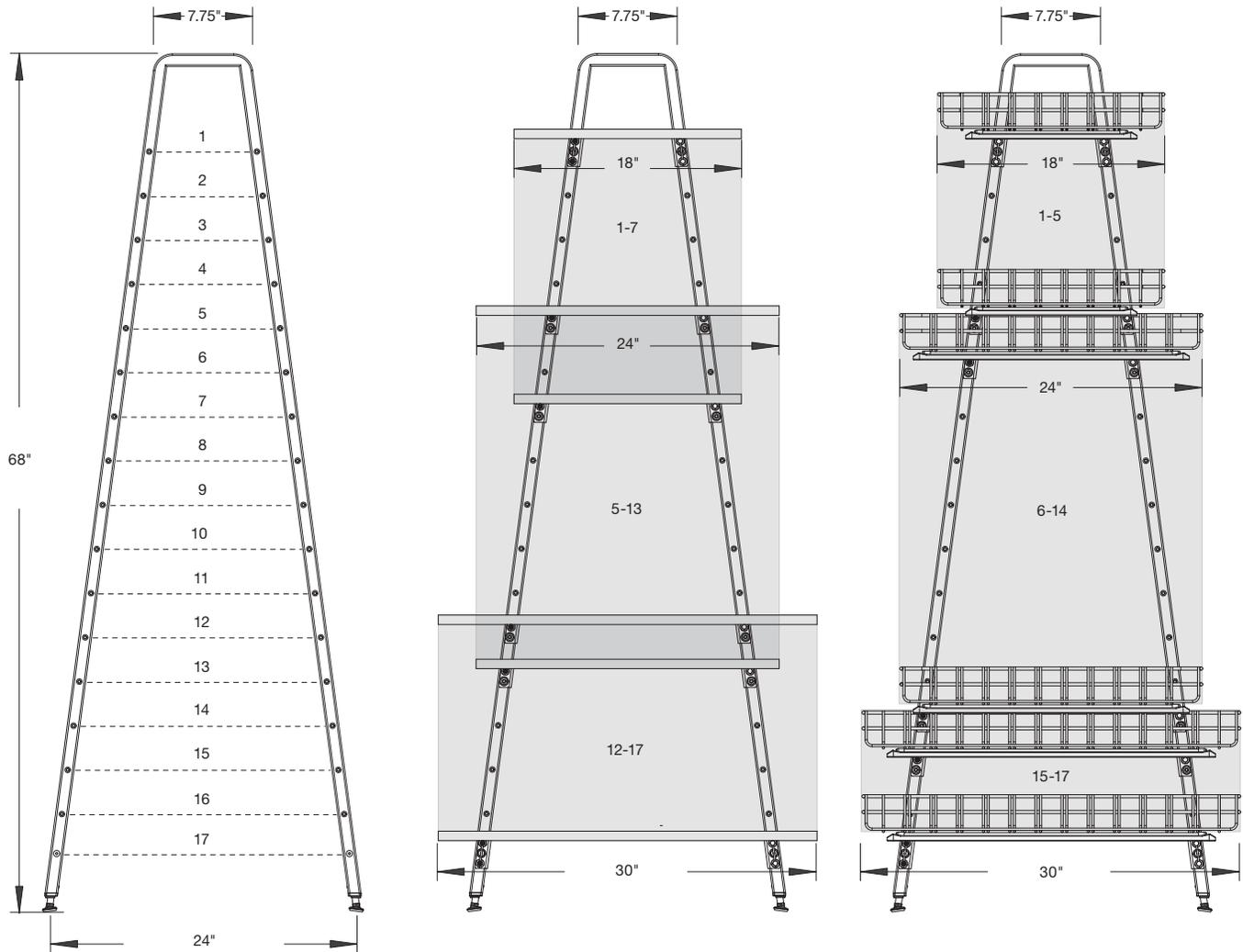


Rockwell Unscripted Storage Installation Instructions

Shelves and Basket Elevation Placement : 68"H

Note

Numbers correspond to the rivnut mounting level.

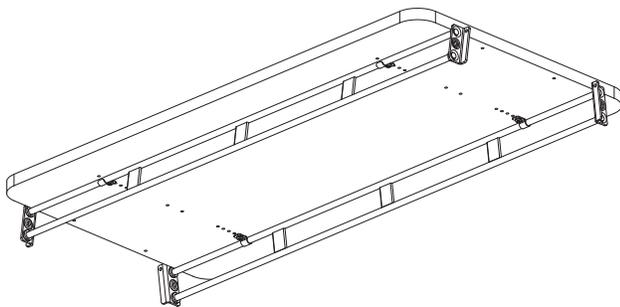


Rockwell Unscripted Storage Installation Instructions

Shelves and Baskets : with Trusses and with Support Rods

Shelves

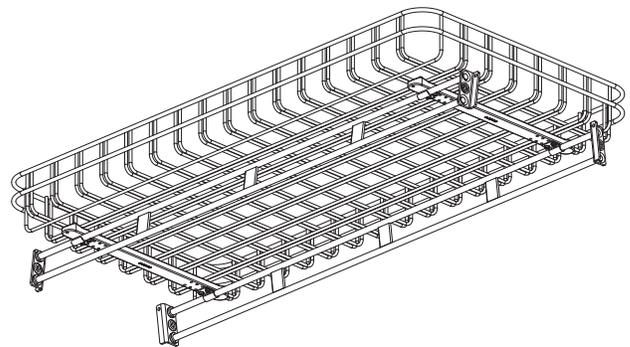
	18"D	24"D	30"D
30"W	USSD3018	USSD3024	USSD3030
36"W	USSD3618	USSD3624	USSD3630



Shelf on truss

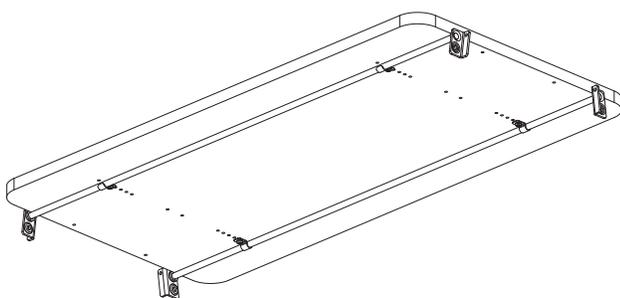
Baskets

	18"D	24"D	30"D
30"W	USBD3018	USBD3024	USBD3030
36"W	USBD3618	USBD3624	USBD3630



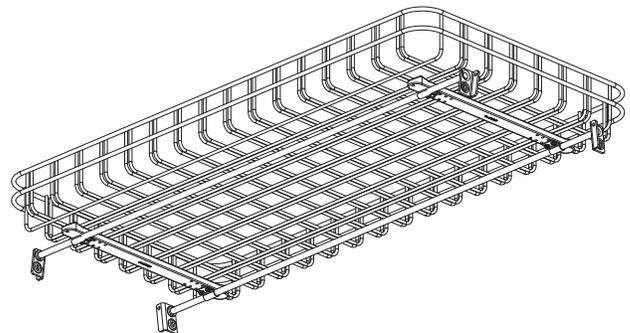
Basket on truss

	18"D	24"D	30"D
30"W	USSS3018	USSS3024	USSS3030
36"W	USSS3618	USSS3624	USSS3630



Shelf on support rod

	18"D	24"D	30"D
30"W	USBS3018	USBS3024	USBS3030
36"W	USBS3618	USBS3624	USBS3630



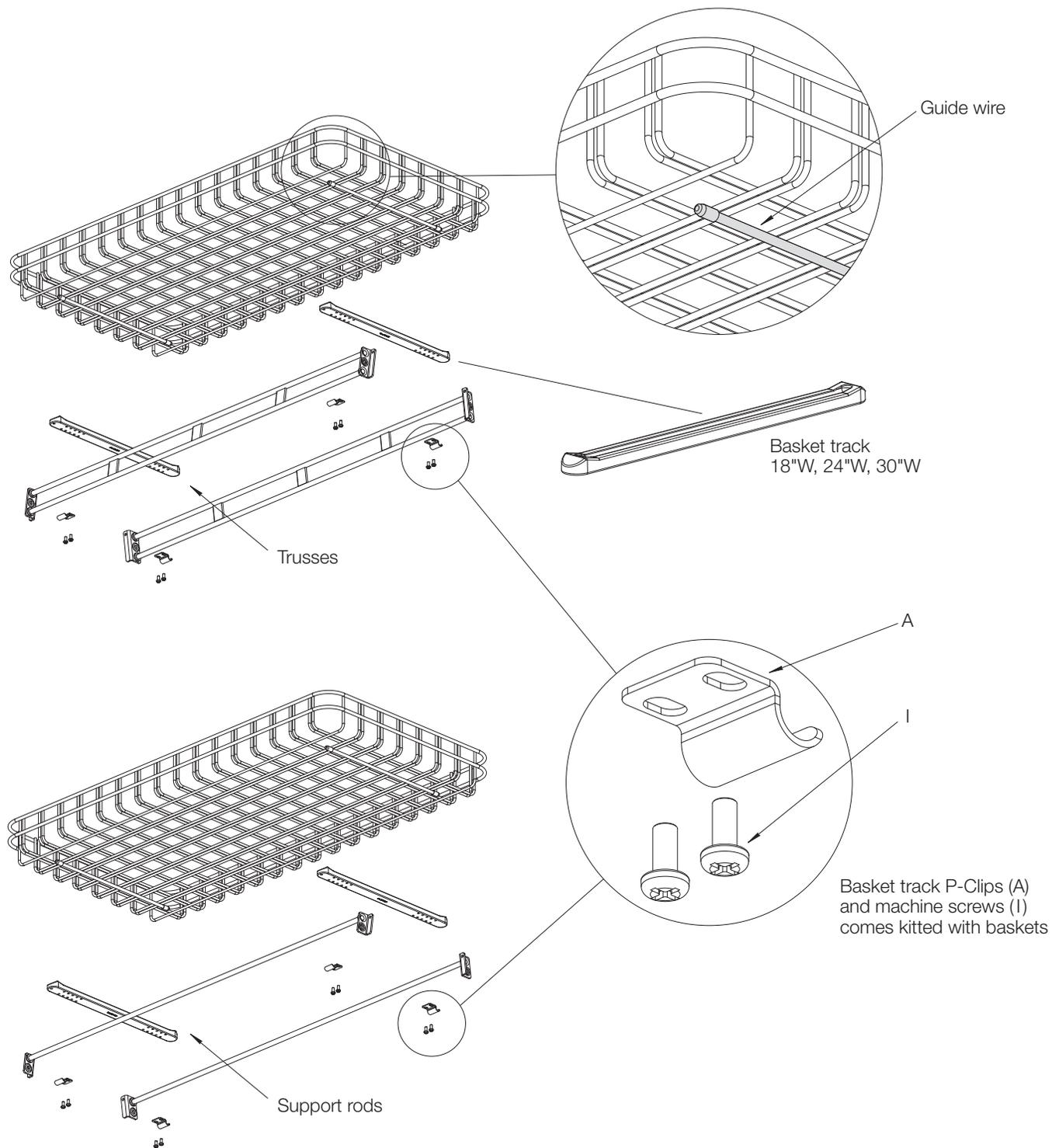
Basket on support rod

Rockwell Unscripted Storage Installation Instructions

Baskets Components : with Trusses and with Support Rods

Note

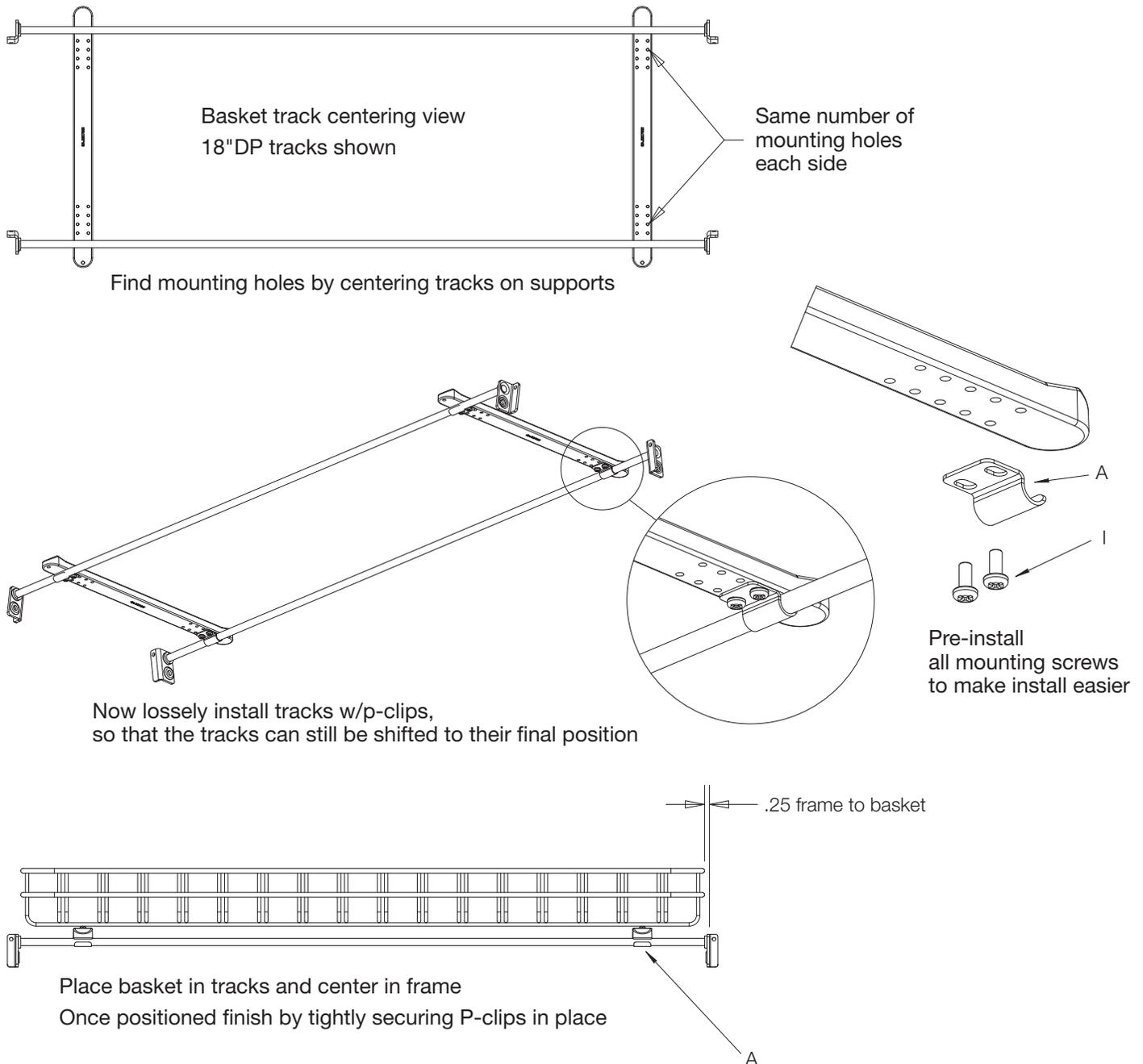
Baskets are portable. Basket tracks get attached to the support rods or trusses allowing the basket to easily slide in and out of this path or lifted out.



Attaching Basket Tracks to Trusses or Support Rods

1. Locate appropriate mounting hole in underside of track, centering the track front to back. (Fig. 14)
2. Lay track, with bottom facing upward, on floor or suitable work surface.
3. Drive the mounting screws (I) fully into the track in the appropriate holes.
4. Remove mounting screws.
5. Lay basket track on truss or support rod and loosely fasten p-clips (A).
6. Locate basket track side-to-side, by placing basket into tracks and using guide wire on bottom of basket, slide track to the appropriate position. (Fig. 15)
7. Securely tighten the basket track mounting screws.

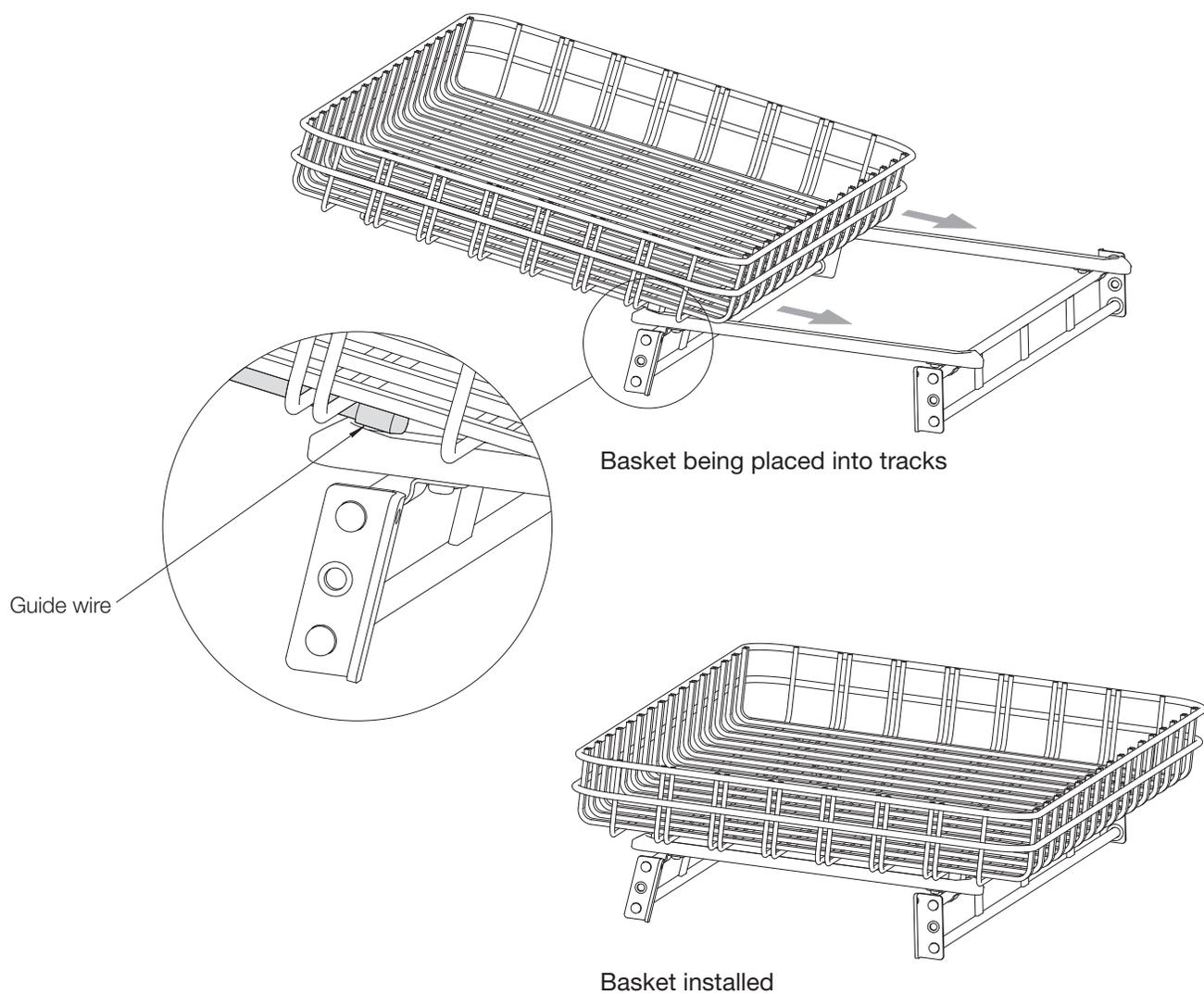
Fig 14



Installing Wire Baskets

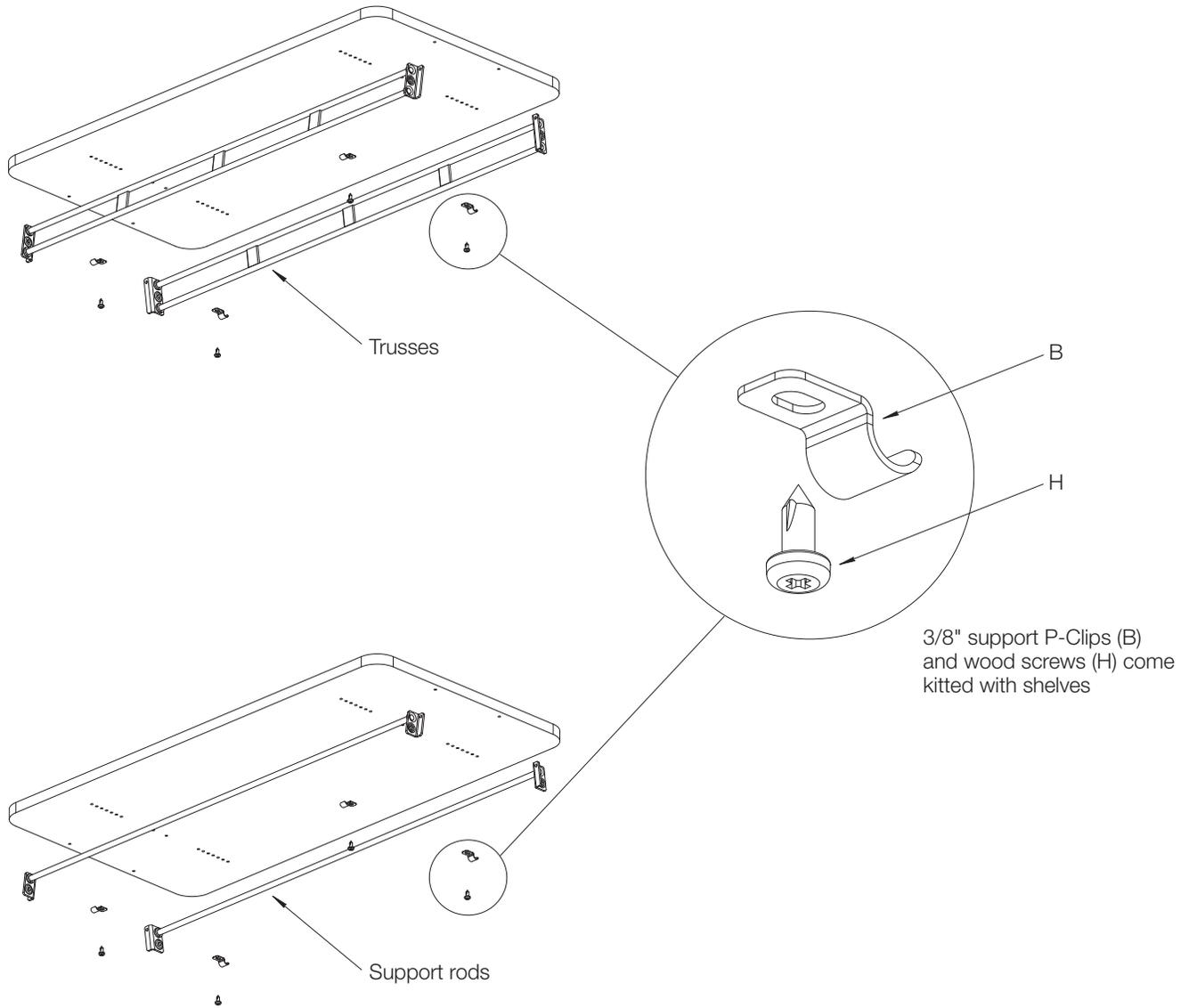
1. Install wire baskets, by dropping the basket's guide wires into the groove of the basket tracks

Fig 15



Rockwell Unscripted Storage Installation Instructions

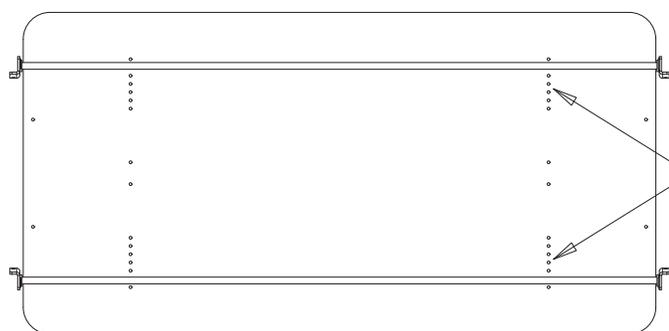
Shelves Components : with Trusses and with Support Rods



Attaching Shelves to Trusses and Support Rods

1. Center the shelf left to right and front to back (see Fig. 16)
2. Fasten shelves using P-clips (B) and screw (H).
3. Tighten securely.

Fig 16



36"x18" w/support rods
Centering view

Same number of mounting holes each side

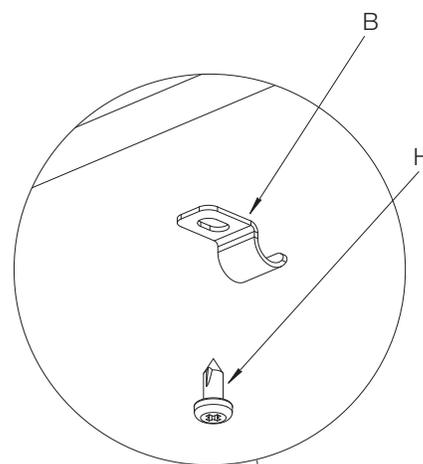
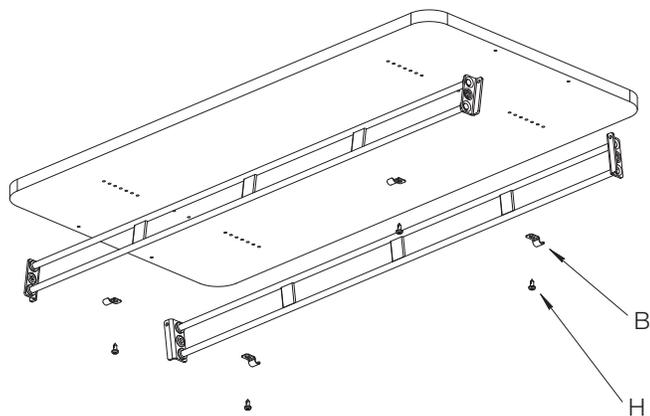
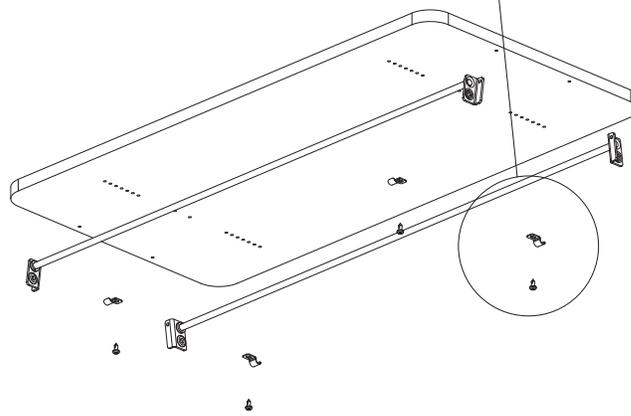


Fig 17



36"x18" shelf - truss install



36"x18" shelf - support rod install

Attaching Coatbars to Uprights

1. Attach coatbars to uprights, using screw (F) into the top rivnut. (Fig. 18)
2. Tighten securely.

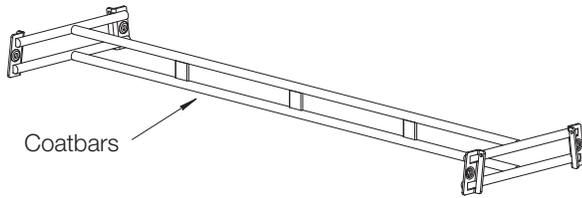
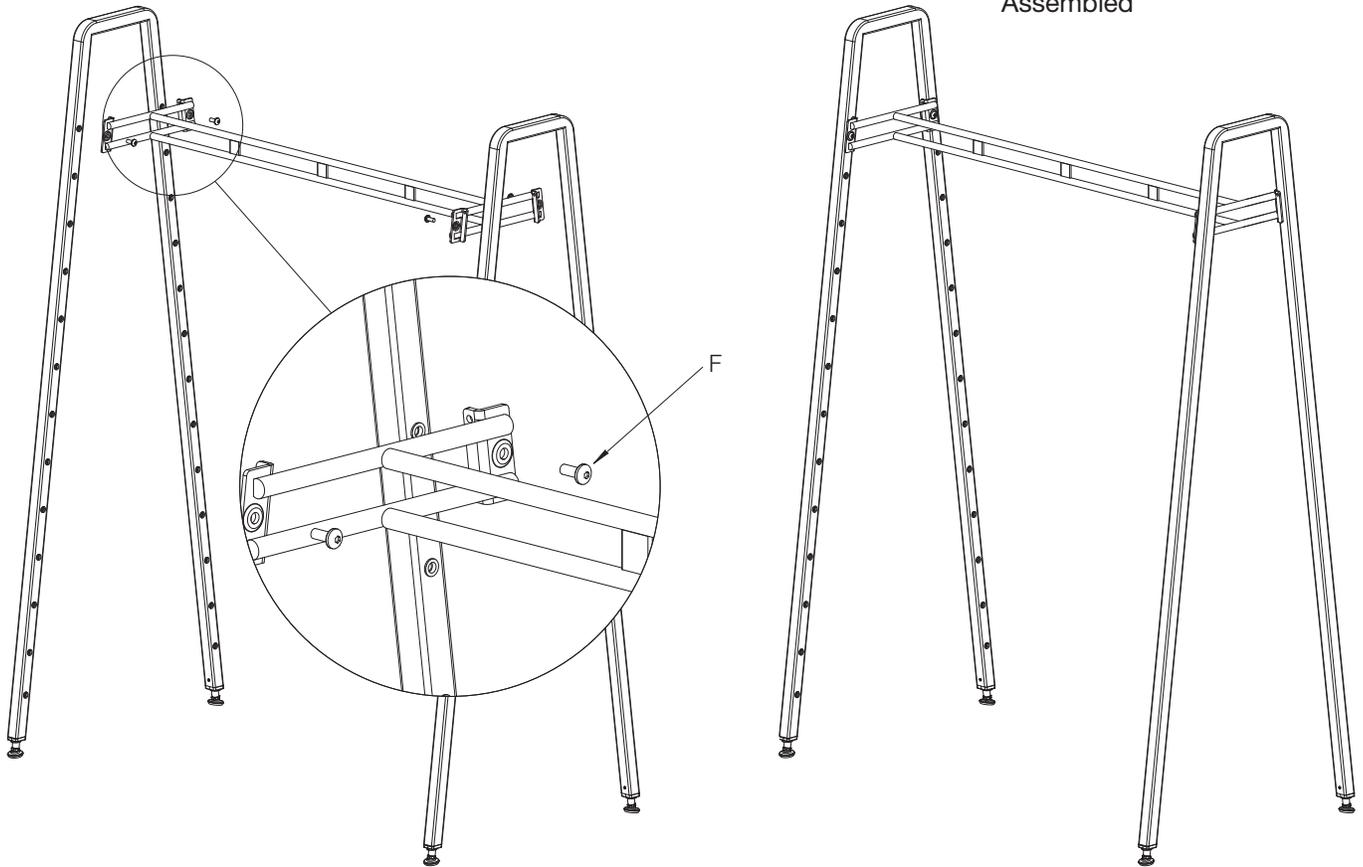


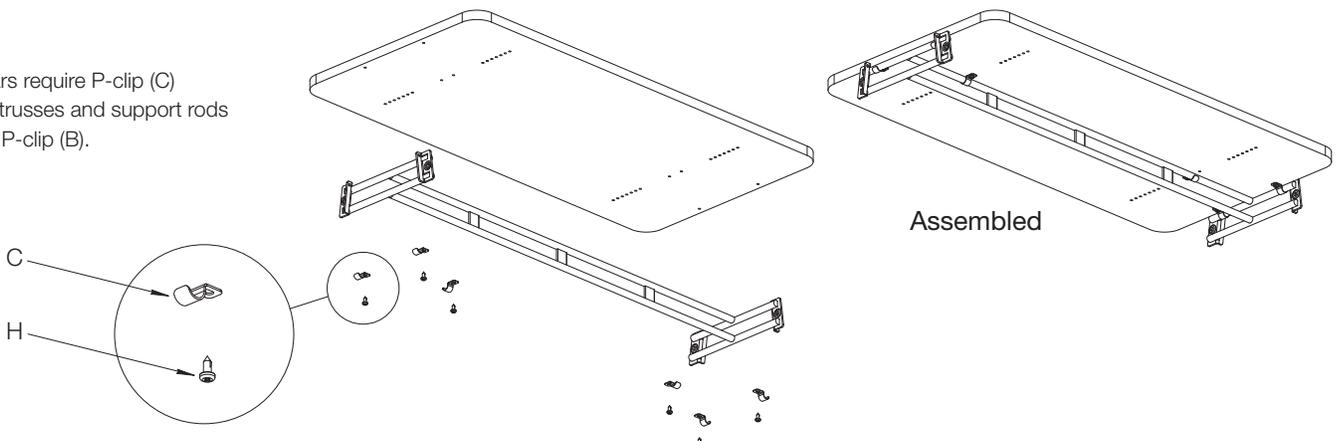
Fig 18



Attaching Shelf on Coatbar

Note

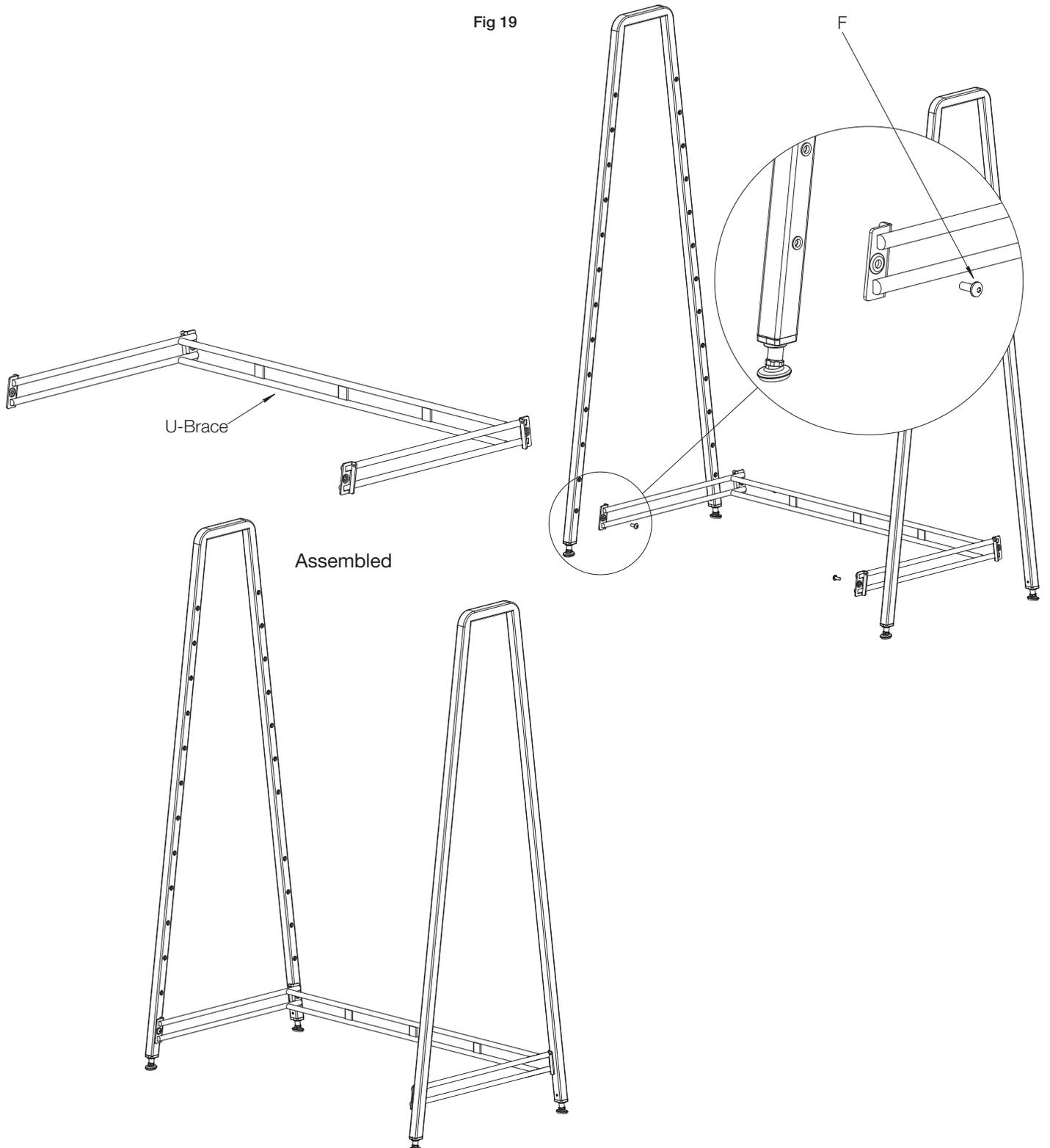
Coatbars require P-clip (C) versus trusses and support rods require P-clip (B).



Attaching U Brace to Uprights

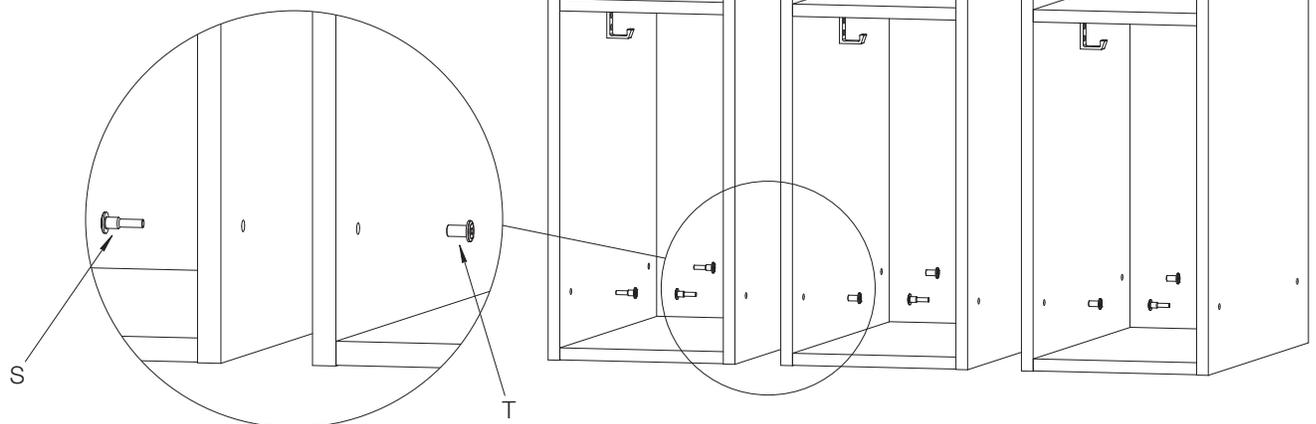
1. Attach U-Brace to uprights, using screw (F) into the bottom rivnut. (Fig. 19)
2. Tighten securely.

Fig 19



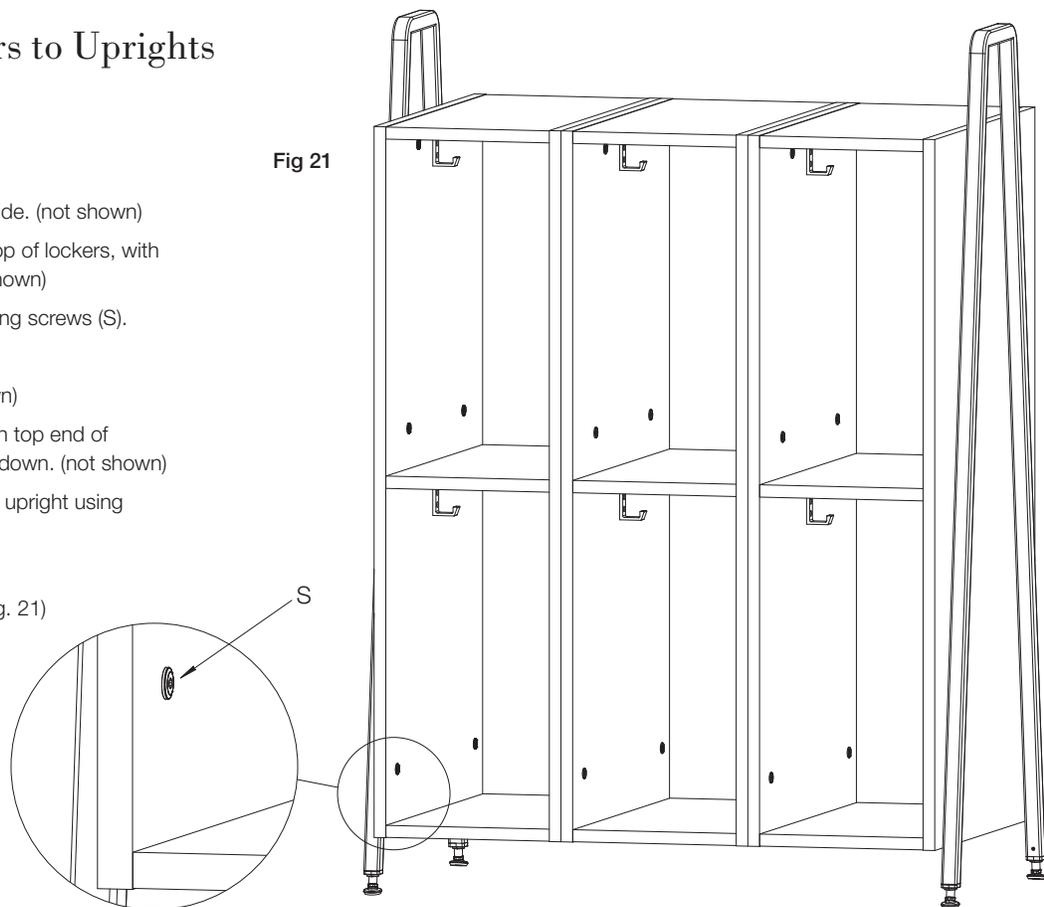
Attaching Lockers to lockers

1. Lay neighboring lockers on their back, side by side.
2. Attach one locker to another using sex bolts (S) and (T). (Fig. 20)
3. Tighten securely.
4. Repeat until desired number of lockers are joined together (maximum 4).



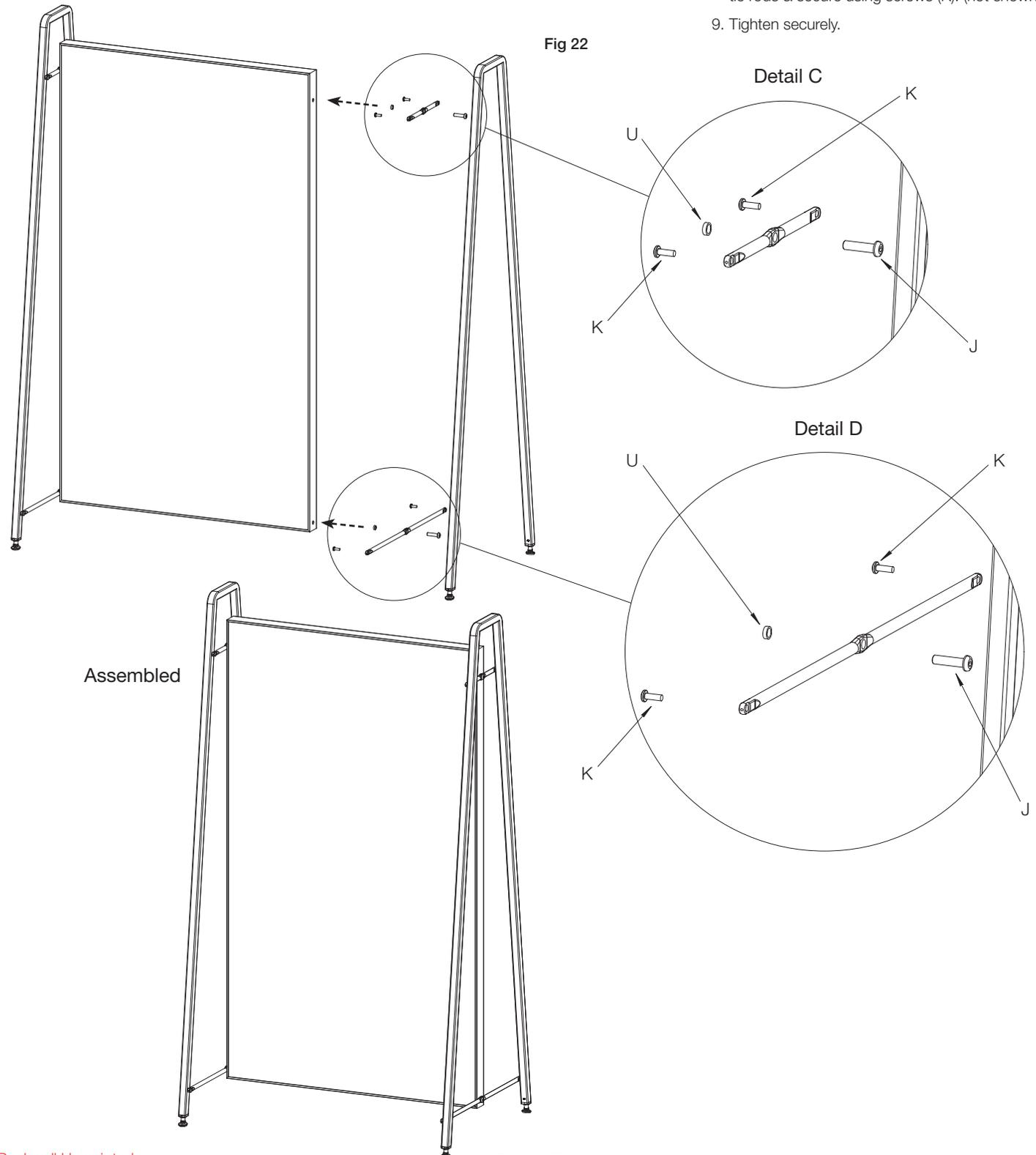
Attaching Lockers to Uprights

1. Lay lockers down on one side. (not shown)
2. Lay one upright down on top of lockers, with rivnuts facing down. (not shown)
3. Fasten locker to upright using screws (S).
4. Tighten securely.
5. Flip the unit over. (not shown)
6. Lay the opposing upright on top end of lockers, with rivnuts facing down. (not shown)
7. Fasten lockers to opposing upright using screws (S).
8. Tighten securely.
9. Stand the assembly up. (Fig. 21)



Attaching Vertical Panel to Upright

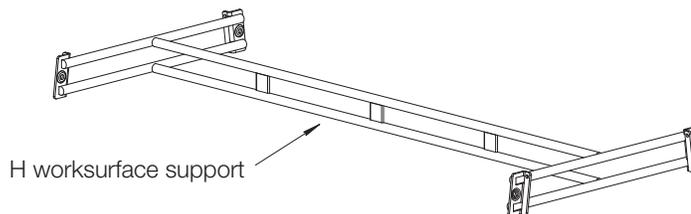
1. Orient all tie rods with counterbore toward the rivnut. (see view). (Fig. 22 and page 7, Fig. 7)
2. Fasten top tie rod to top of vertical panel using screw (J) and spacer (U). (Detail C)
3. Tighten securely.
4. Fasten bottom tie rod to bottom of vertical panel using screw (J) and spacer (U). (Detail D)
5. Tighten securely.
6. Lay upright down (rivnuts facing up) and set panel and tie rods on upright. (not shown)
7. Attach tie rods to upright using (K) screw.
8. Lay opposing upright (rivnuts facing down), on tie rods & secure using screws (K). (not shown)
9. Tighten securely.



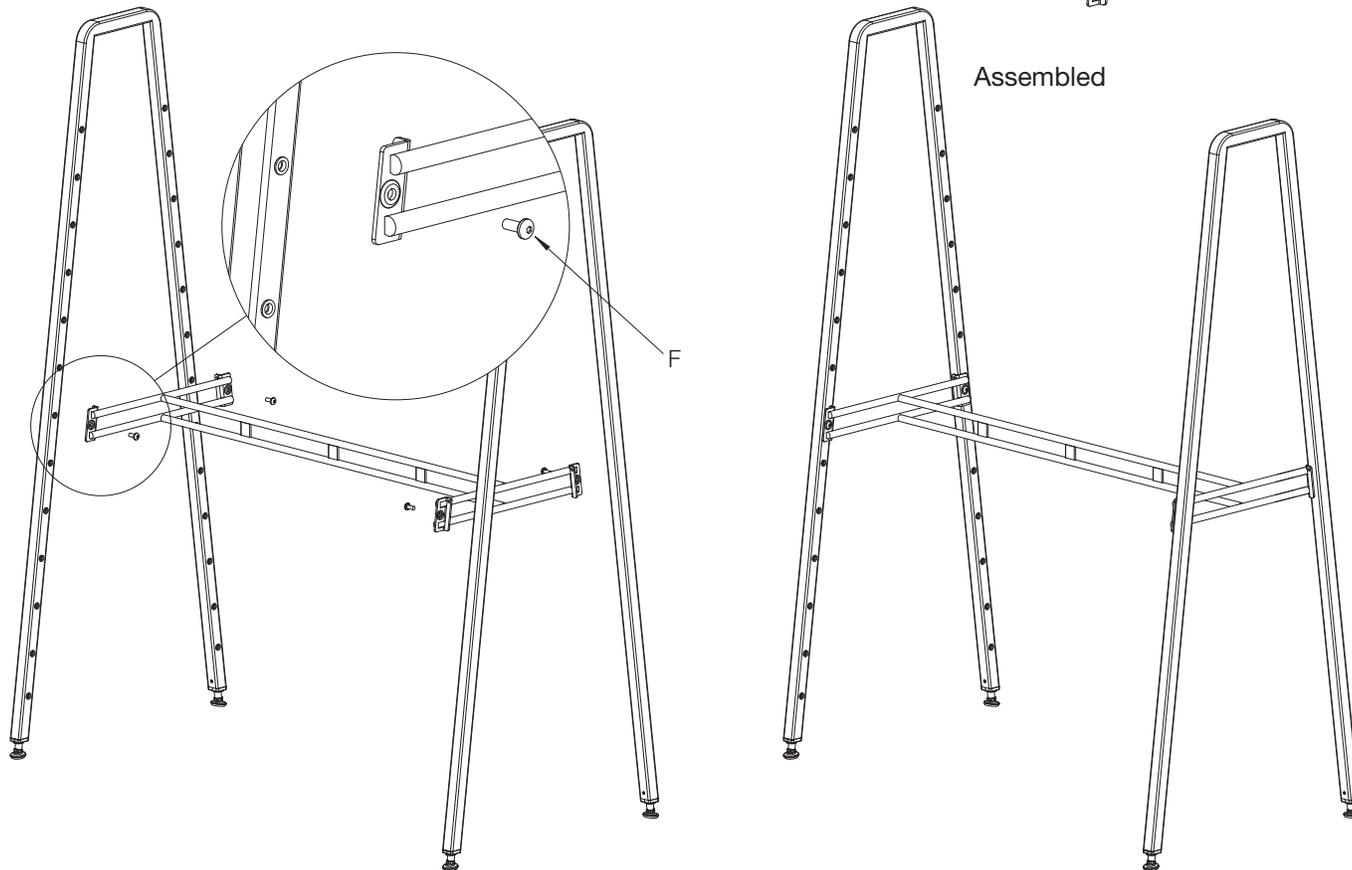
Attaching H Worksurface Supports to Uprights

1. Attach H worksurface supports to uprights using screw (F). (Fig. 23)
2. Tighten securely.

Fig 23



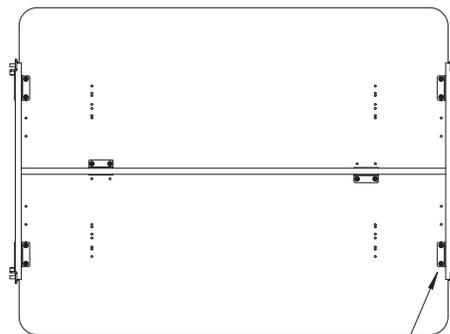
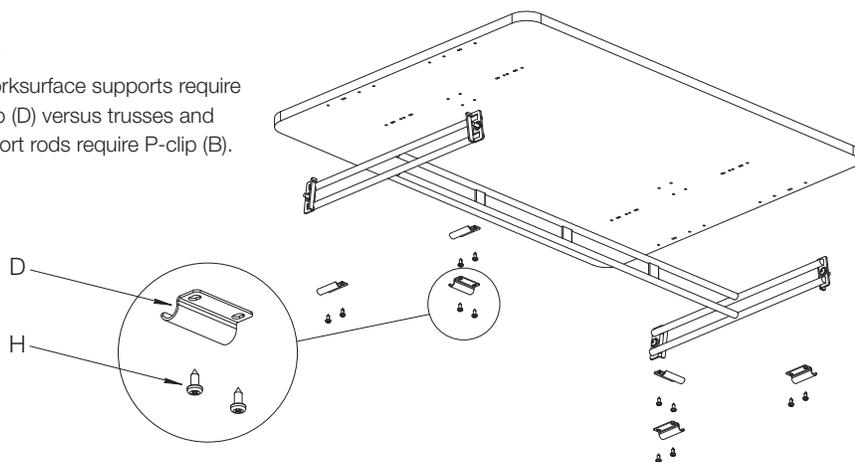
Assembled



Attaching Worksurface on H Worksurface Support

Note

H worksurface supports require P-clip (D) versus trusses and support rods require P-clip (B).

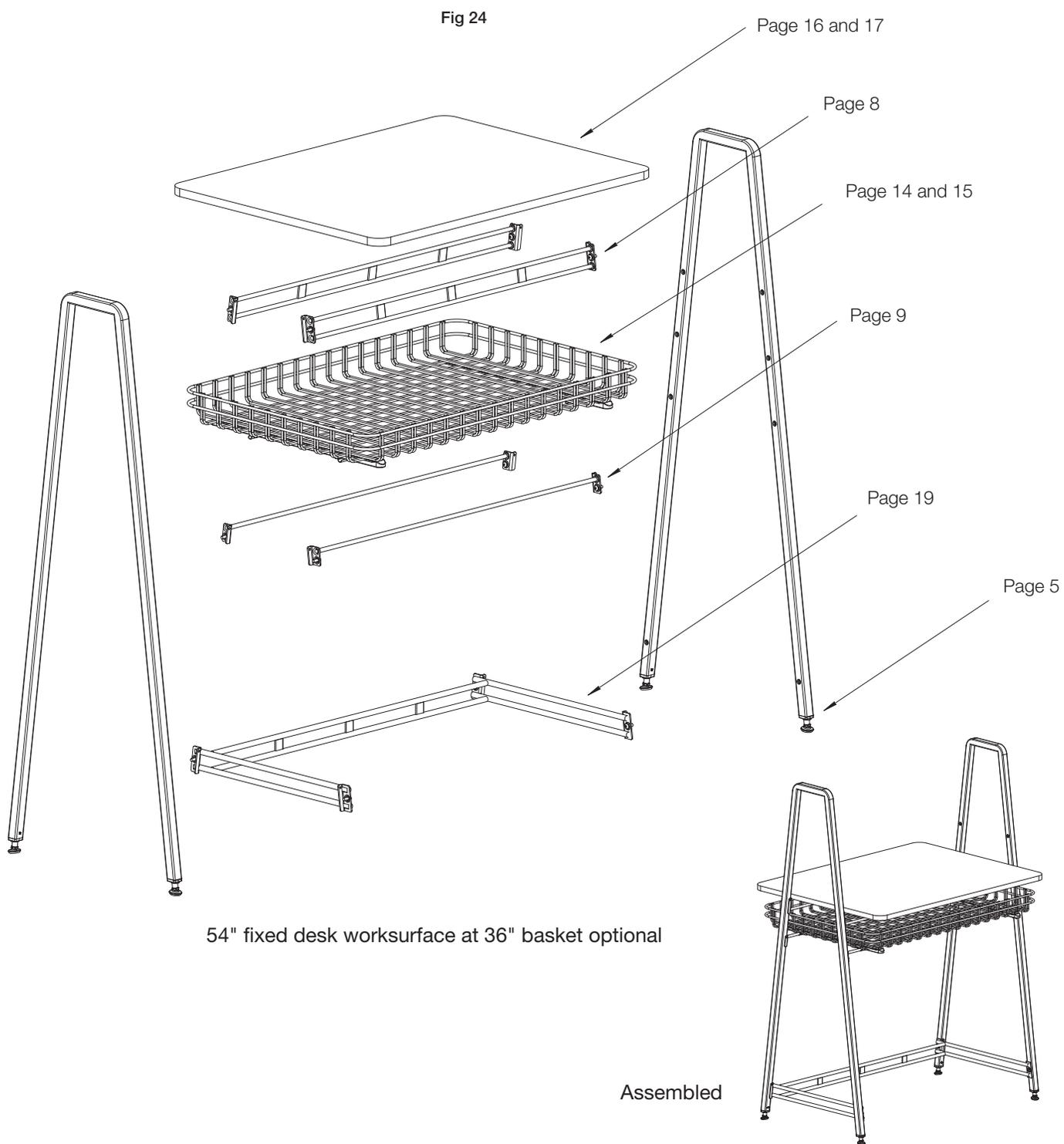


Center worksurface and install clips in the widest possible. Position depending on the size weldment being used.

Desks : Fixed Desk Worksurface 54" H with Basket

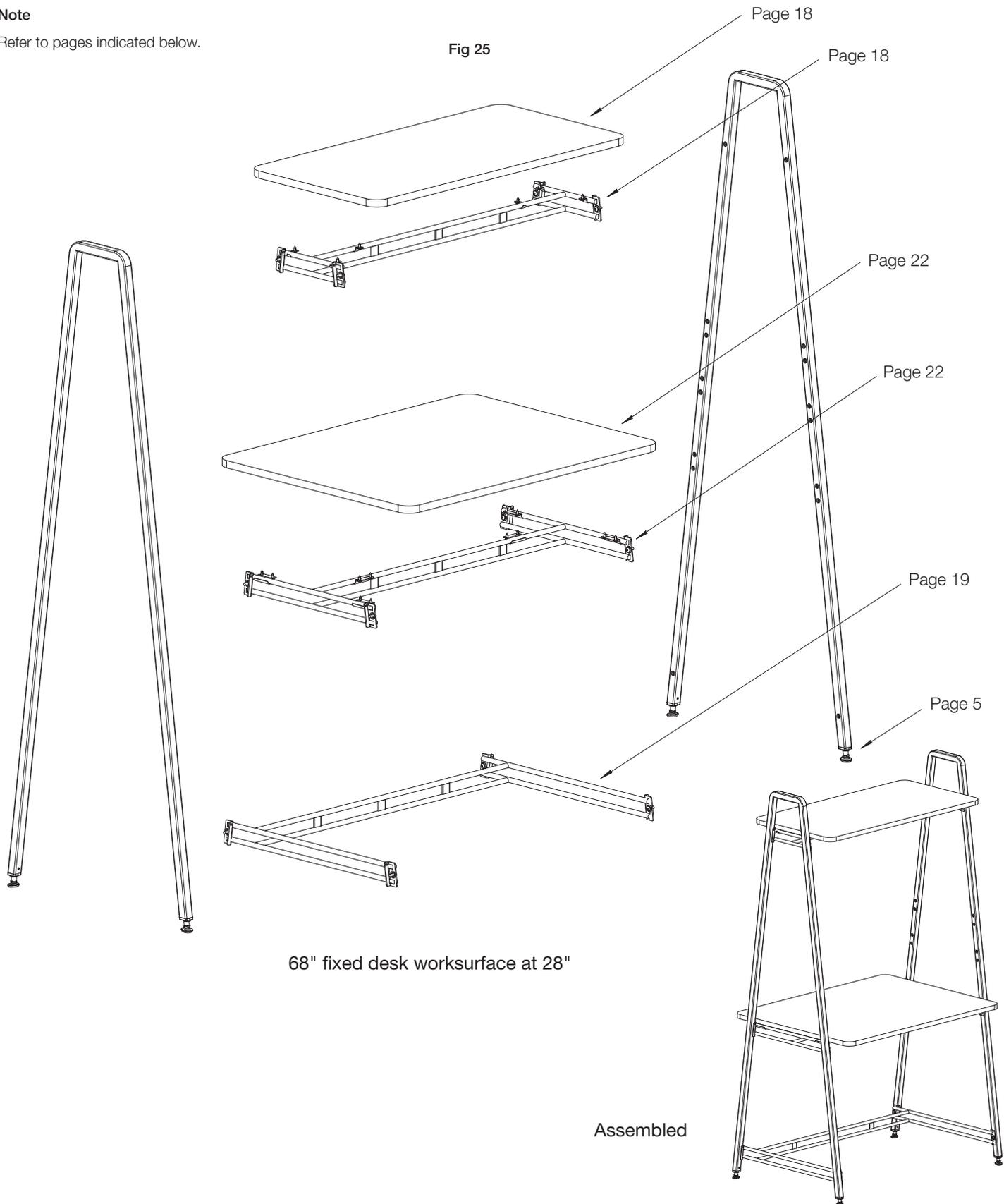
Note

Refer to pages indicated below.



Desks : Fixed Desk Worksurface 68" H with Shelf

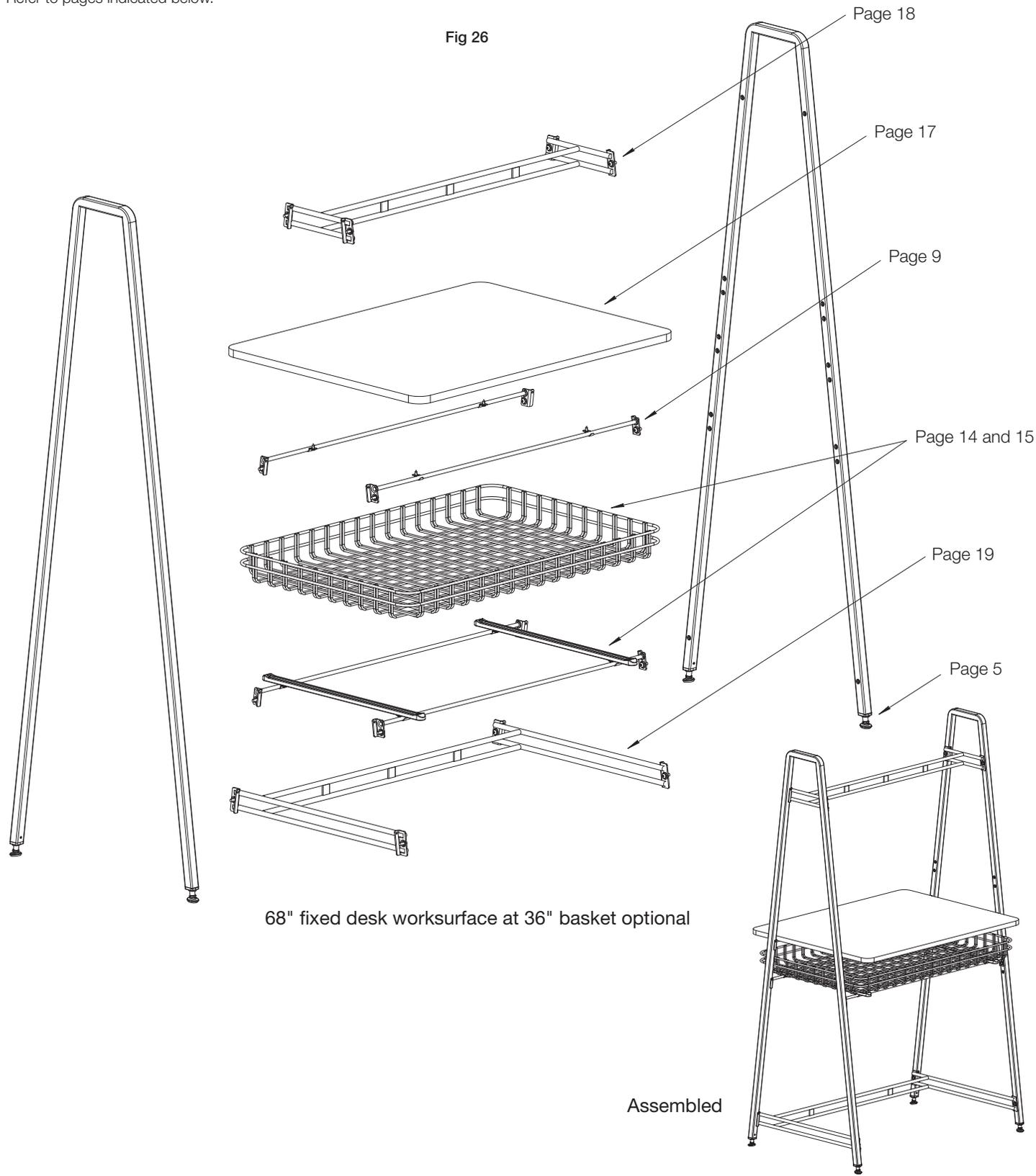
Note
Refer to pages indicated below.



Desks : Fixed Desk Worksurface 68" H with Basket

Note
Refer to pages indicated below.

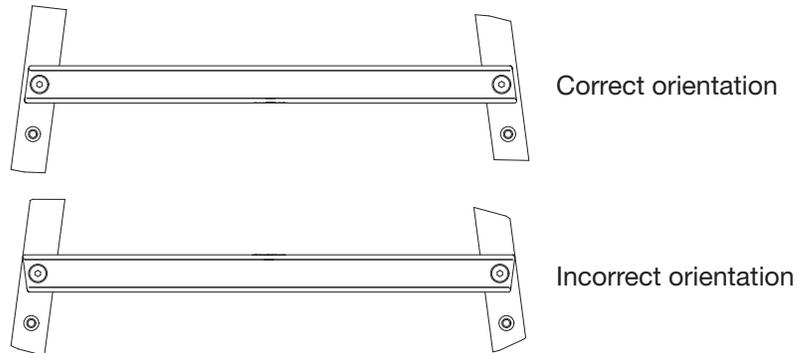
Fig 26



Desks : Change Up Desk Tracks to Uprights (dedicated uprights only)

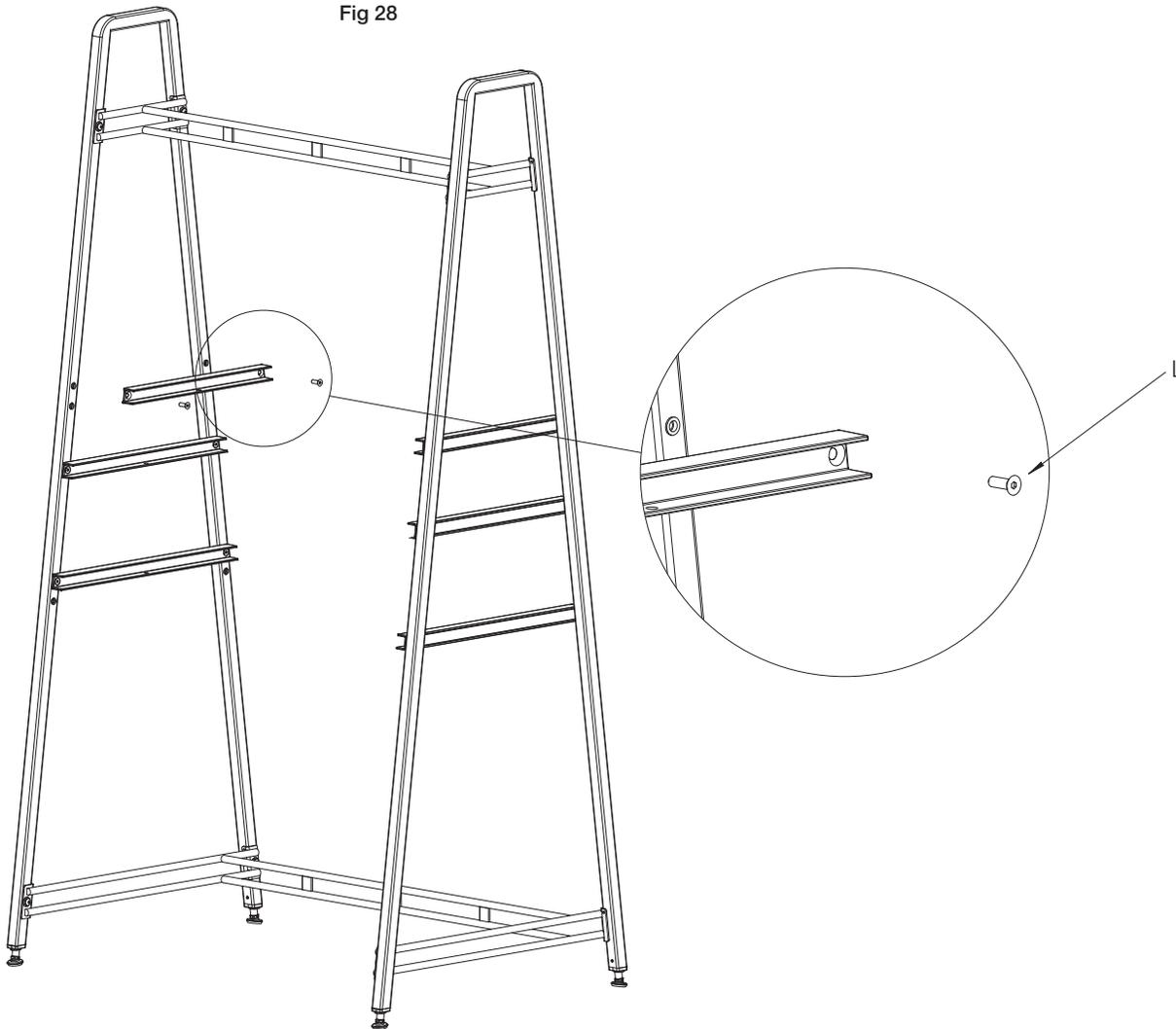
1. Orient shortest change up desk track correctly (see diagram). (Fig. 27)

Fig 27



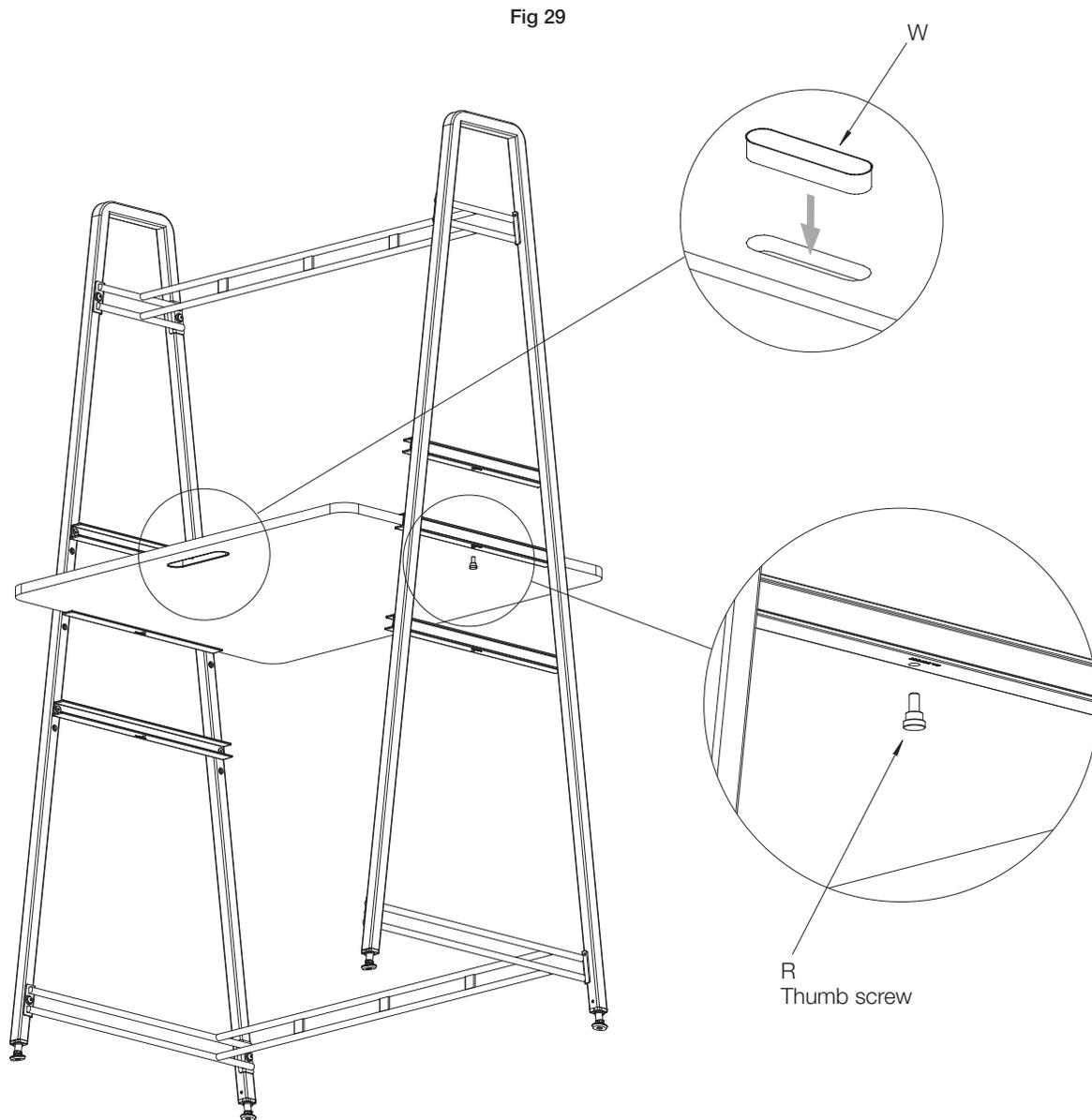
2. Attach the track to upright using screw (L). (Fig. 28)
3. Tighten securely.
4. Repeat on opposing upright.
5. Repeat steps 1 thru 4 for both medium and long tracks.

Fig 28



Desks : Installing Change Up Desk Top

1. Install grommet (W).
2. Slide desk top into desired track.
3. Slide to desired front to back position.
4. Secure, using screw (R). (Fig. 29)
Installed through hole in bottom flange of track.

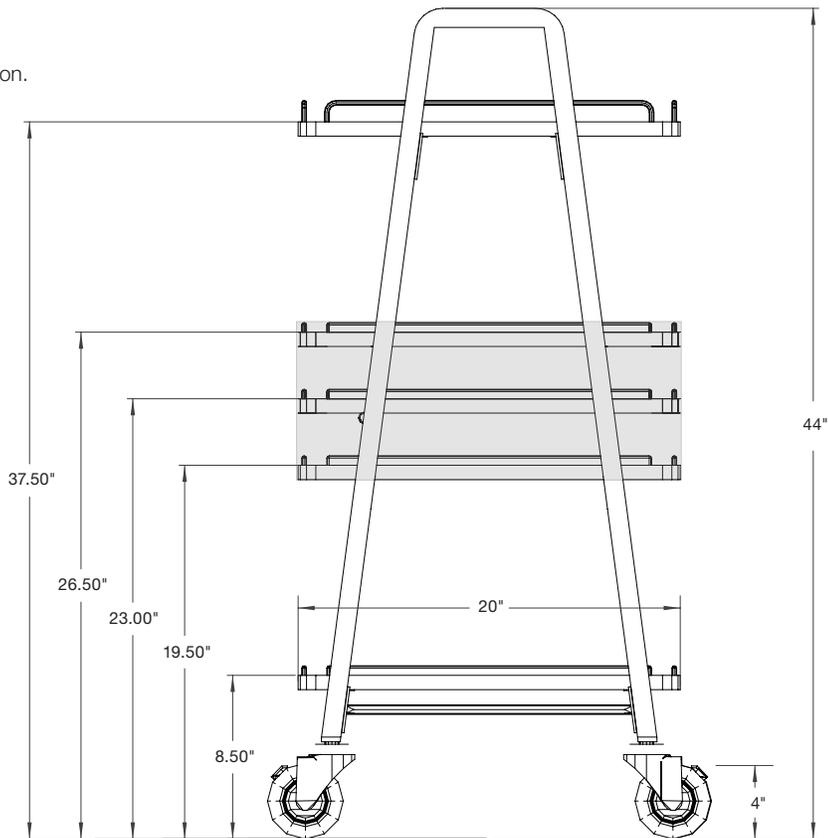


Hospitality Cart

Note

The middle shelf has three mounting locations.
The top and bottom shelf have one fixed location.

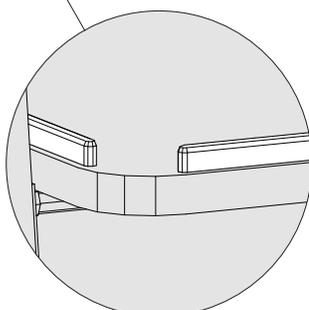
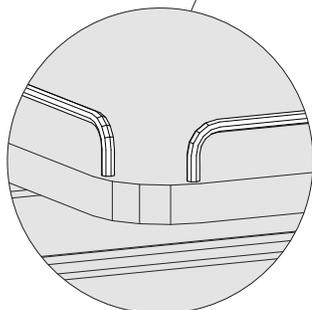
Special 4"Ø Diameter casters for moving over large thresholds .



30"W
USHC30

36"W
USHC36

42"W
USHC42



Note

The top shelf has wire guards and the bottom two shelves have rail guards. Same finish options as supports and uprights.

Hospitality Cart

1. Install casters into upright frame using a mallet.
2. For attaching tie rods to uprights. (refer to page 7)
3. For attaching trusses to uprights. (refer to page 8)
4. For attaching support rods to uprights. (refer to page 9)
5. Wire guard install using screws (G).
6. Edge guard install using screws (G).
7. For attaching top shelves to supports, refer to page 16.

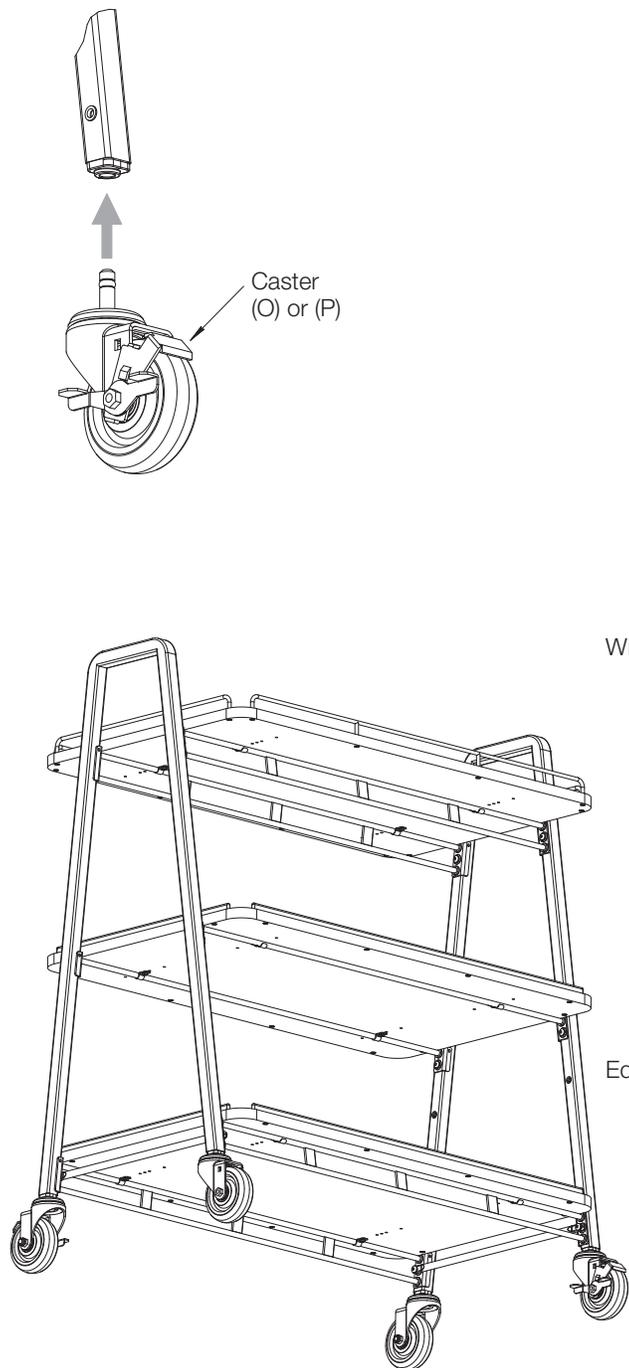
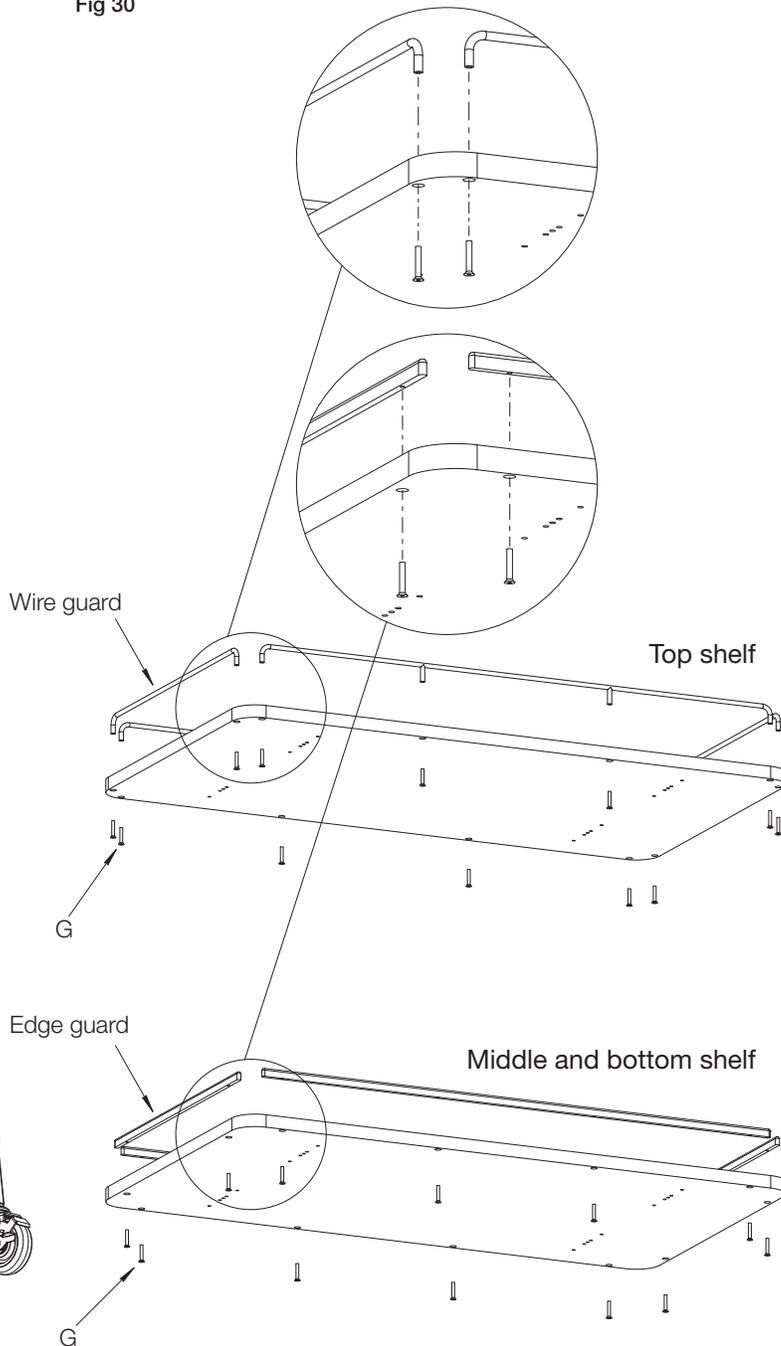


Fig 30



Console

1. Lay one upright down on floor, with Rivnuts facing up. (not shown)
2. Lay credenza on one end on top of upright. (not shown)
3. Fasten credenza cabinets to upright using screw (S).
4. Tighten securely.
5. Lay the opposing upright on floor, with Rivnuts facing up. (not shown)
6. Flip the credenza & upright over and on top of upright. (not shown)
7. Fasten credenza to opposing upright using screws (S).
8. Tighten securely.
9. Stand the assembly up.
10. Orient truss end brackets correctly (see diagram). (page 8, Fig. 10)
11. Attach trusses to uprights using screw (F).
12. Tighten securely.
13. Center the shelf left to right and front to back (see diagram). (page 17, Fig. 16)
14. Fasten shelves using P-clips (B) and screw (H).
15. Tighten securely.

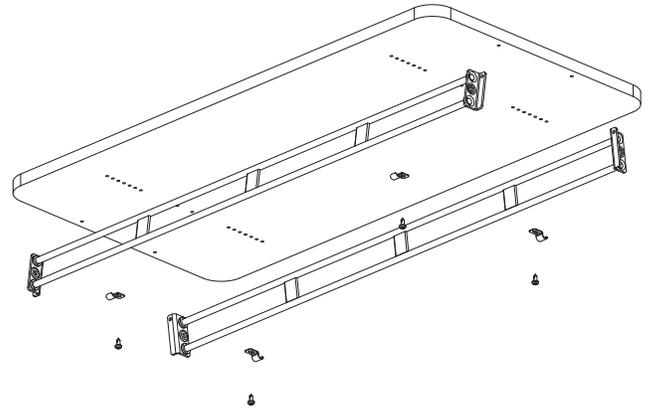
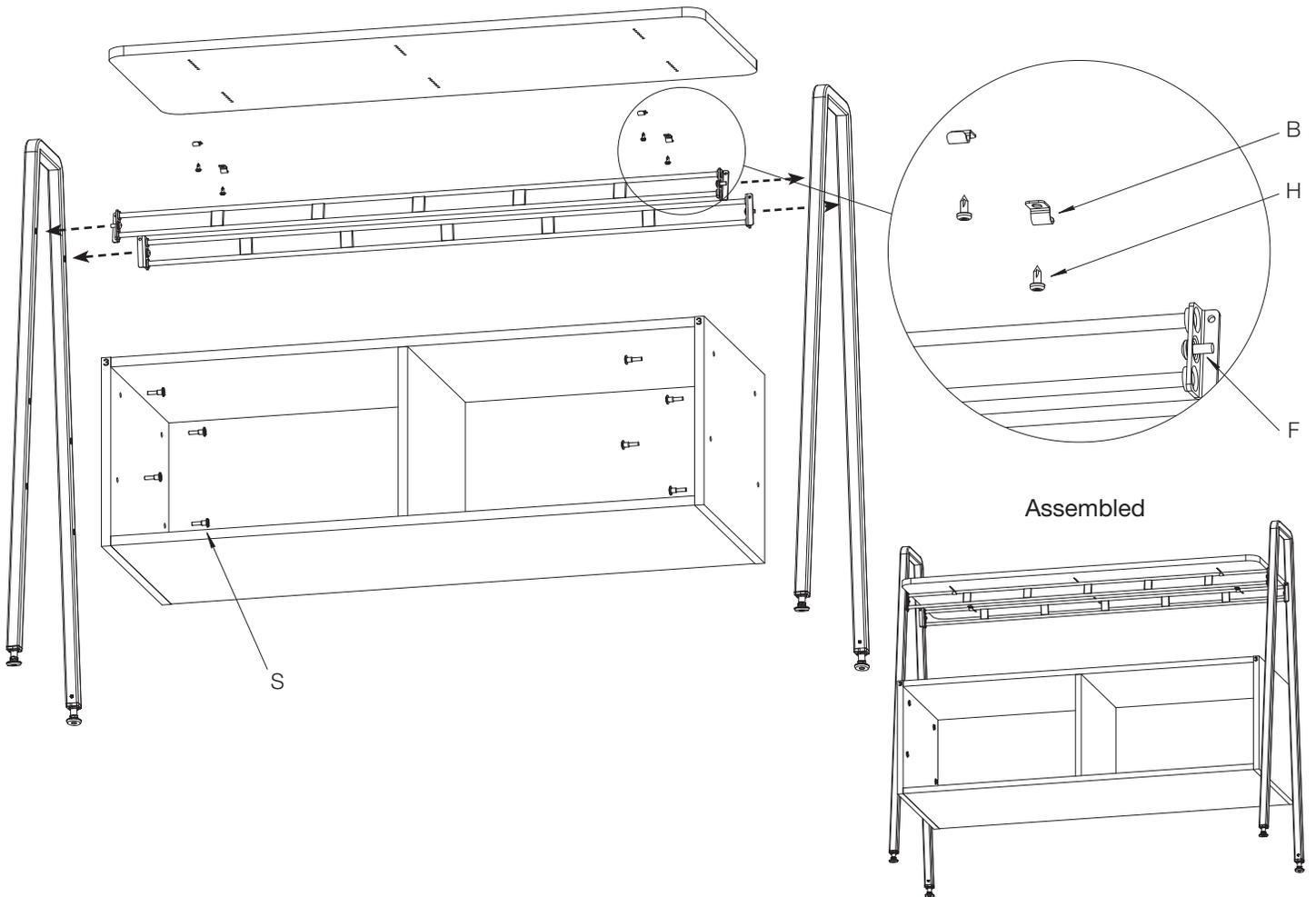


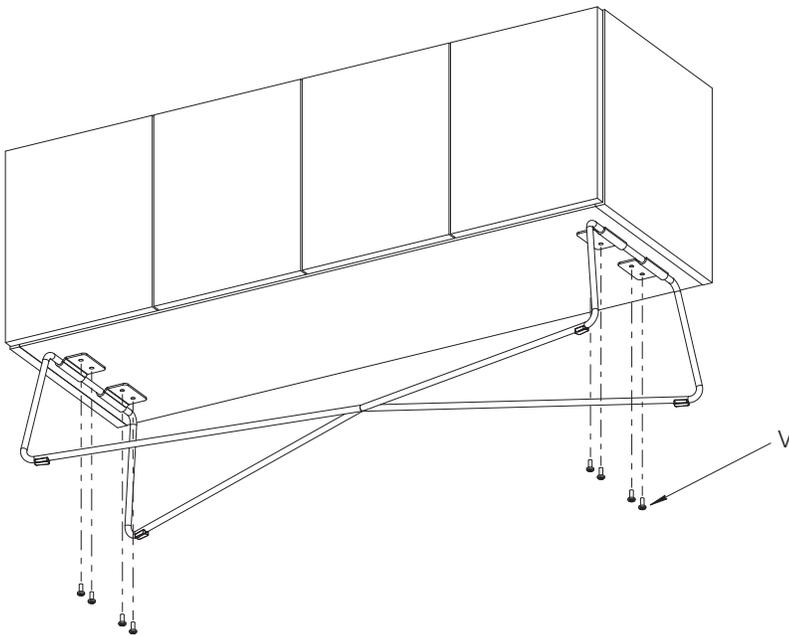
Fig 31



Attaching Wire base to credenza

1. Flip credenza upside down. (not shown)
2. Fasten wire base to credenza using screws (V).
3. Tighten securely.

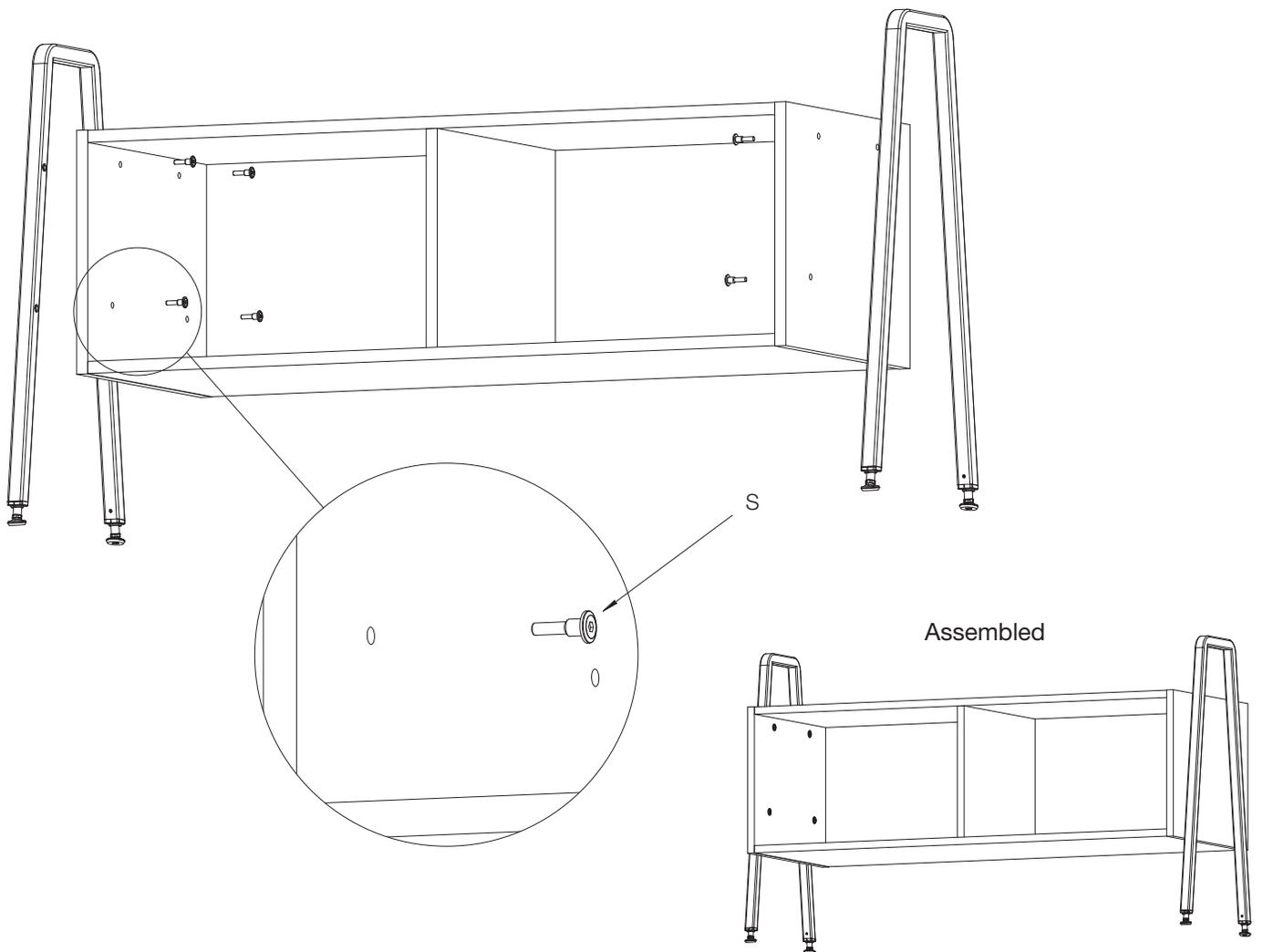
Fig 32



Attaching Credenzas to Uprights

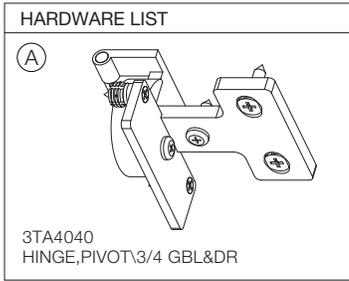
1. Lay one upright down on floor, with Rivnuts facing up. (not shown)
2. Lay credenza on one end on top of upright. (not shown)
3. Fasten credenza cabinets to upright using screw (S).
4. Tighten securely.
5. Lay the opposing upright on floor, with Rivnuts facing up. (not shown)
6. Flip the credenza & upright over and on top of upright. (Fig. 33) (not shown)
7. Fasten credenza to opposing upright using screws (S).
8. Tighten securely.
9. Stand the assembly up. (not shown)

Fig 33



Hinge and Pull Installation Instruction

Locker Pivot Hinge



The pivot hinge 3ta4040 is supplied with all hardware (screws and bushings) included.

Tools Needed

- Rubber mallet
- Phillips screwdriver

Note

Pivot hinge comes with 2 bushings and screws assembled on the cup side and two loose screws in the kit to be installed on the gable plate side

1. Remove the screws (B) assembled through the plate into the bushings on the cup side. (Fig. 34)
2. Align the hinge cup and bushings with the holes in the door. Gently tap the hinge with a rubber mallet until the rear of the hinge plate touches door surface.
3. Insert back the fasteners (B) removed in step 1 and secure the hinge to the door. (Fig. 34)

4. Line up the holes in the hinge plate with the hinge pilot holes in the locker gable. (Fig. 35)
Drive the two fasteners (D) packaged with the hinge through the hinge plate into the locker gable.
5. Once installed, the door can be adjusted by loosening the fastener (E) for vertical, up\down, adjustment and fastener (F) for horizontal, left\right adjustment. (Fig. 35)
With the door in the right position, the set screws (E) and (F) are tightened to lock the door in place.

Fig 34

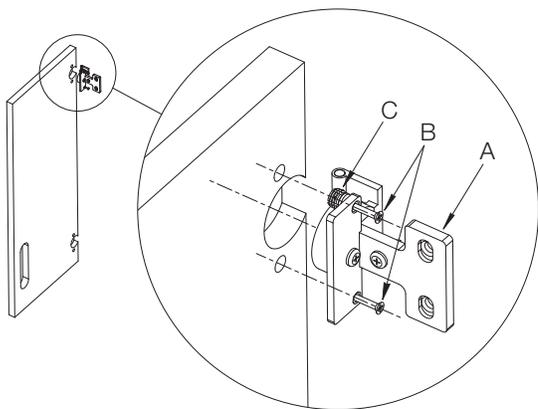
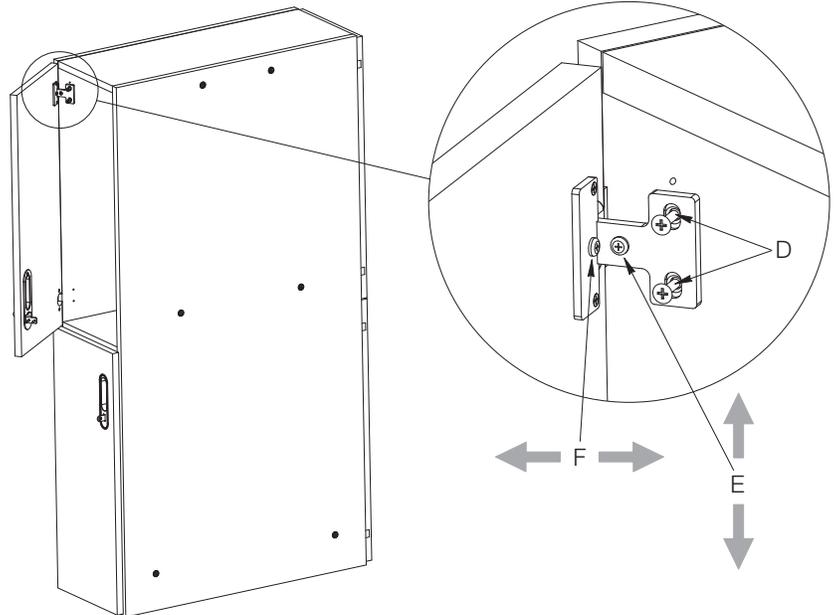


Fig 35



Hinge and Pull Installation Instruction

Credenza Hinge

HARDWARE LIST		
(A)	(B)	(C)
6TR4108 REFF HINGE - HETTICH 10.585549 or 2TP40434 HINGE , 110\HALF	5458867 MTG PLATE, HINGE/REFF - HETTICH or 2TP40082 MTG PLATE, HINGE/REFF - HETTICH	5458866 HINGE COVER CAP - HETTICH

Tools Needed

- Rubber mallet
- Phillips screwdriver

Note

- The hinge (A) and plate (B) are supplied with 2 bushings and all screws assembled.
- The hardware list consists of parts for both full overlay and half overlay hinge assembly.
- Both hinges are installed in the same way.

- Remove the screws (D) assembled through the plate into the bushings. (Fig. 36)
- Align the hinge cup and bushings with the holes in the door.
Gently tap the hinge with a rubber mallet until the rear of the hinge plate touches door surface.
- Insert back the fasteners (D) removed in step 1 and secure the hinge (A) to the door. (Fig. 36)
- Line up the screws in the hinge plate (B) with the plate pilot holes in the gable. (Fig. 37)
Drive the two fasteners (E) through the hinge plate into the credenza gable.

- Assemble the door to the credenza case by positioning the arm of the hinge (A) over the plate (B)
On the gable and snapping them together. (Fig. 38)
- Once installed, the door can be adjusted using the set screw (F) for horizontal, left/right Adjustment (Fig. 38). For vertical, up/down, adjustment loosen the screws (E) in the plate (B) and Slide door vertically. When the door is in the correct position tighten the (E) fasteners. (Fig. 39)
- Place the hinge cover over the adjustment screw in the arm and snap in place. (Fig. 39)

Fig 36

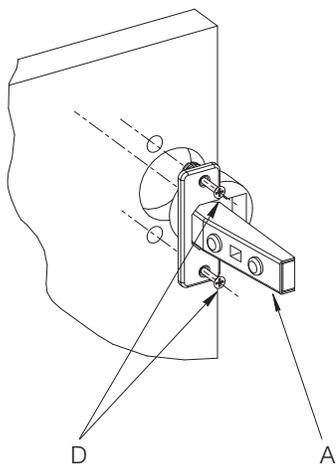


Fig 37

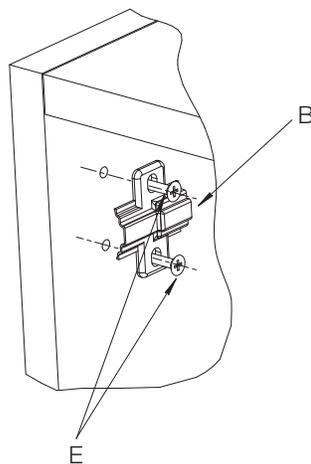


Fig 38

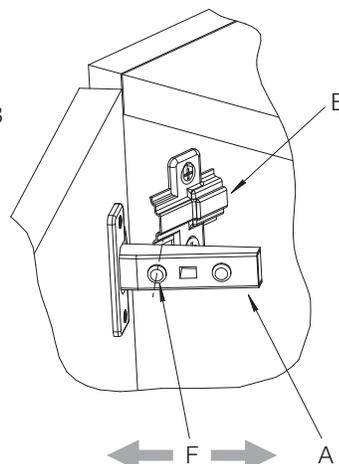
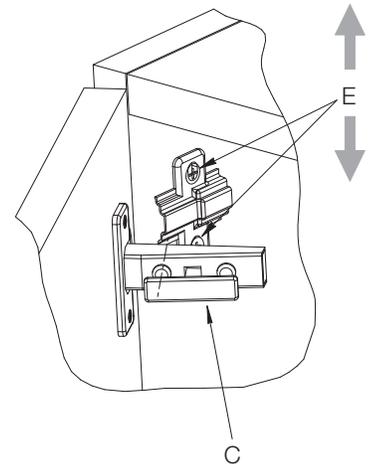
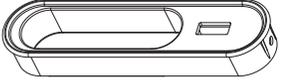
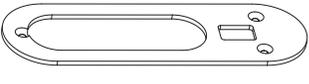
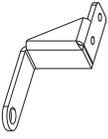


Fig 39



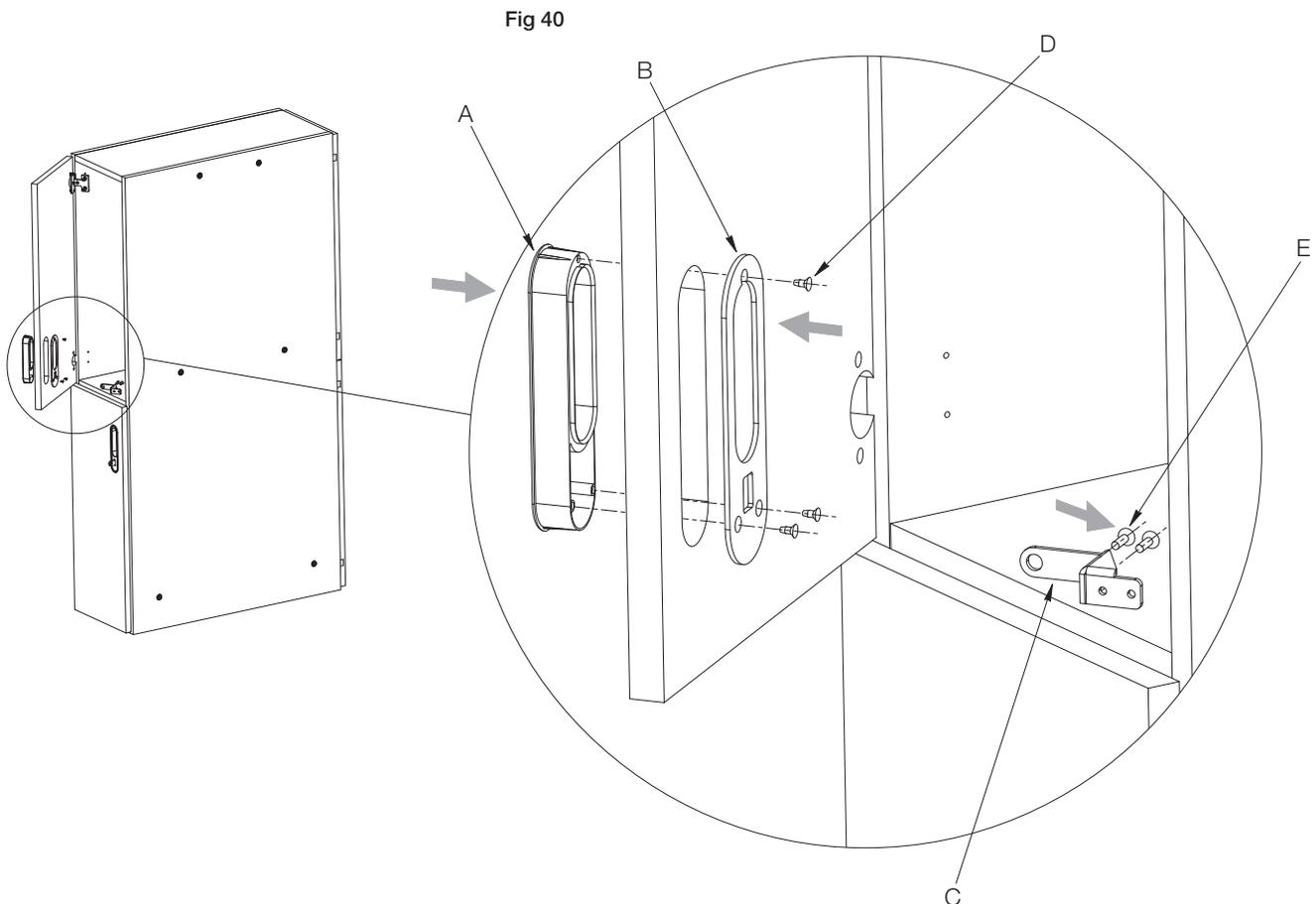
Hinge and Pull Installation Instruction

Locker Pull

HARDWARE LIST		
<p>(A)</p>  <p>3TA4003A FRONT,PULL\LOCKER</p>	<p>(B)</p>  <p>3TA4003B BACK,PULL\LOCKER</p>	<p>(C)</p>  <p>3TA4003CR CATCH,PULL\LOCKER\RH</p>
<p>(D)</p>  <p>6TR41102 SCR,SM FLP #6x5/16 T-1</p>	<p>(E)</p>  <p>5112110 SCR,SM PNP 8x5/8 T-17 BL</p>	<p>The pulls 3ta4003r\l are supplied with all hardware (screws) included.</p>

Tools Needed
 Rubber mallet
 Phillips screwdriver

- Note**
 The locker pull assembly is handed. Component (C) has right and left versions.
1. Insert the component (A) in the pull cutout in the door, with the racetrack cut in the pull at the top. (Fig. 40)
 2. Place the plate (B) on the back surface of the door, aligned with the (A) component. (Fig. 40)
 3. Drive the fasteners (D) through the three holes in the plate to assemble the (A) and (B) tight.
 4. Install the pull catch (C) to the locker gable using fasteners (E).



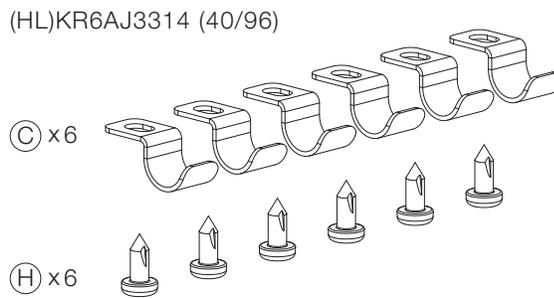
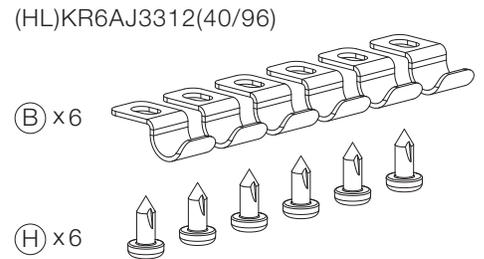
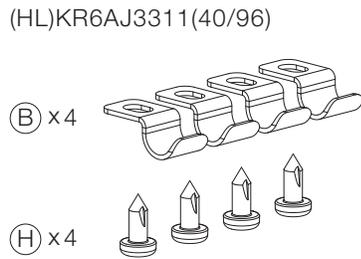
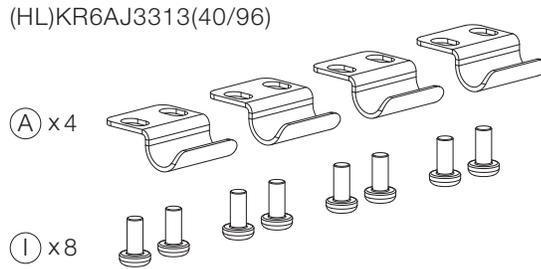
Rockwell Unscripted Storage Installation Instructions

Hardware List: Hardware Part and Associated Hardware Kit/s for Order

Hardware Part



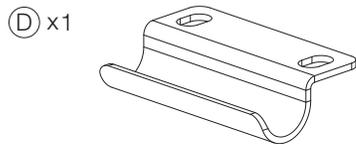
Associated Hardware Kit/s for Order



Rockwell Unscripted Storage Installation Instructions

Hardware List: Hardware Part and Associated Hardware Kit/s for Order

Hardware Part



(D) x1

WKSF P-CLIP

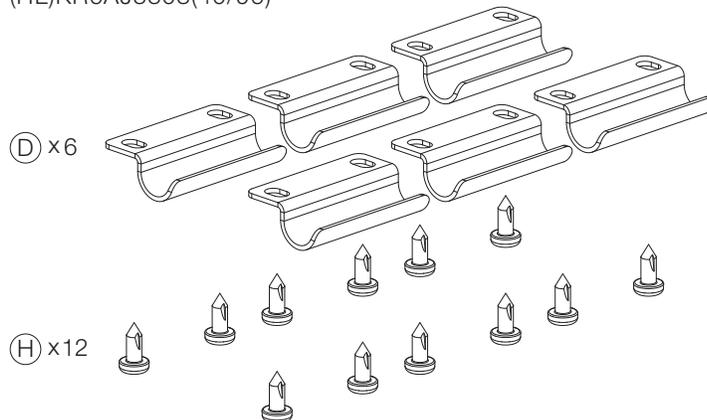


(H) x1

P-CLIP TO WKSF SCREW
#10 SHEETMETAL SCREW X 1/2" LG
NO. 2 PHILLIPS

Associated Hardware Kit/s for Order

(HL)KR6AJ3308(40/96)



(D) x6

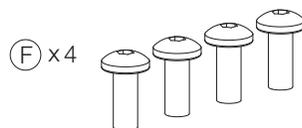
(H) x12



(F) x1

SUPPORT SCREW
1/4-20 X 5/8" LG MACHINE SCREW
5/32" ALLEN WRENCH

(HL)KR6AJ3310(40/96)



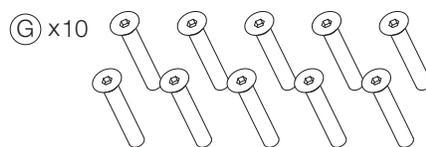
(F) x4



(G) x1

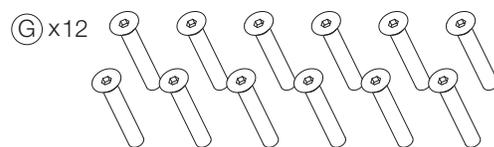
HOSPITALITY CART GAURD SCREW
#8-32 SOCKET FLAT HD SCREW X 1.00" LG
3/32" ALLEN WRENCH

(HL)KR6AJ3316(40/96)



(G) x10

(HL)KR6AJ3317(40/96)



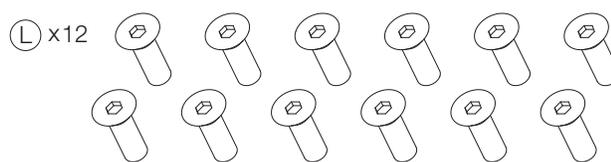
(G) x12



(L) x1

CHANGE-UP TRACK SCREW
1/4-20 X 3/4" LG FLAT HD
MACHINE SCREW
5/32" ALLEN WRENCH

(HL)KR6AJ3315



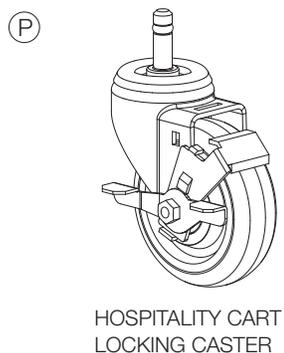
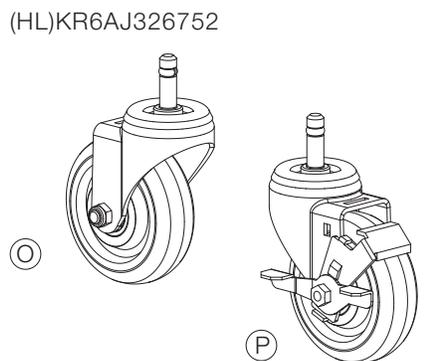
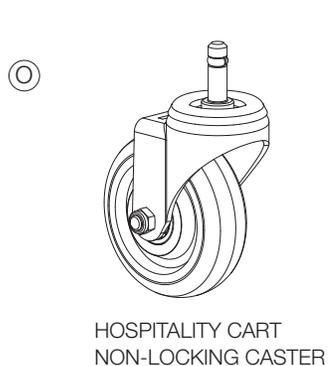
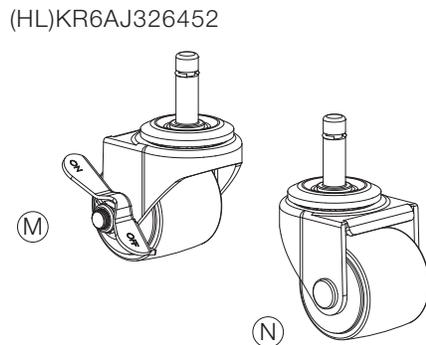
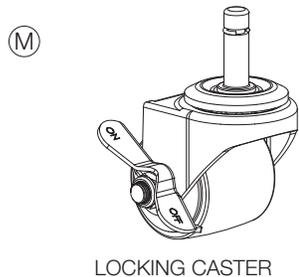
(L) x12

Rockwell Unscripted Storage Installation Instructions

Hardware List: Hardware Part and Associated Hardware Kit/s for Order

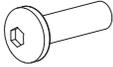
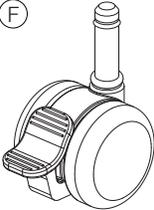
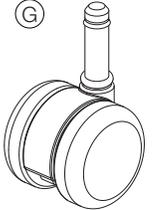
Hardware Part

Associated Hardware Kit/s for Order



Mobile Storage Cart

Reference Number: 6AJ9013

HARDWARE LIST		
(E)	(F)	(G)
		
6AJ3151 TIE-ROD SUPPORT SCREW 1/4-20 X 7/8" LG MACHINE SCREW 5/32" ALLEN WRENCH	6AJ3104 LOCKING CASTER	6AJ3103 NON-LOCKING CASTER

Tools Needed

- #2 - Phillips driver bit
- Mallet

1. Pull skeleton (A) from mesh basket (B).
2. Lay steel pan (C) into bottom of mesh basket (B).
3. Reinsert skeleton (A) into mesh basket (B).
4. Lay frame assembly (D) on one side.
5. Slide mesh basket assembly in between legs and install 4 screws (E), making sure the screws go through the tabs on skeleton (A) and holes in mesh basket (B) and into rivnuts in frame assembly (D).
6. Flip assembly over and install remaining 4 screws (E), making sure the screws go through the tabs on skeleton (A) and holes in mesh basket (B) and into rivnuts in frame assembly (D).
7. Flip mobile storage cart upside down and install 2 locking casters (F) and 2 non-locking casters (G) with a mallet.
8. Stand mobile storage cart up and check fit and function of seat (H).
9. Lift seat (H) by depressing handle of latch (J). Seat should be centered between frames.

