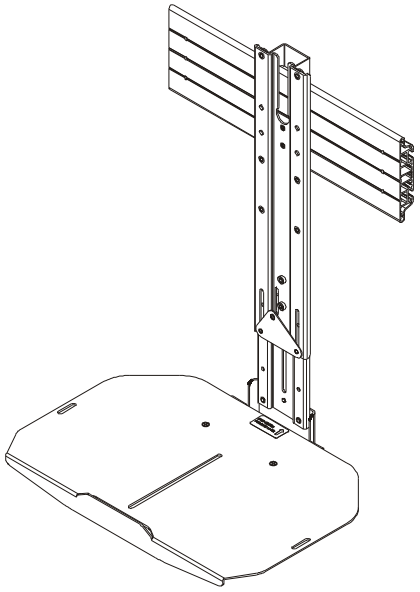
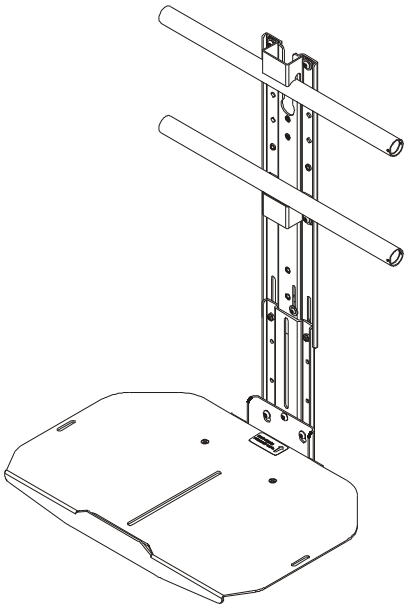
INSTALLATION INSTRUCTIONS



Below Cart/Ceiling



Below Wall

Fusion™ Below Component Shelf

CHIEF®
Our Mounts. **Your Vision.**

FCA802

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IMPORTANT SAFETY INSTRUCTIONS

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer’s responsibility to make sure all components are properly assembled and installed using the instructions provided.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the combined weight mounted to the FCA802 does not exceed 20 lbs (9 kg).

WARNING: Use of this accessory will decrease the weight capacity of the mount to which it is attached by the combined weight of the accessory and all components supported by this accessory!

WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair. RISK OF INJURY TO PERSONS! Do not place video equipment such as televisions or computer monitors on FCA802 shelf.

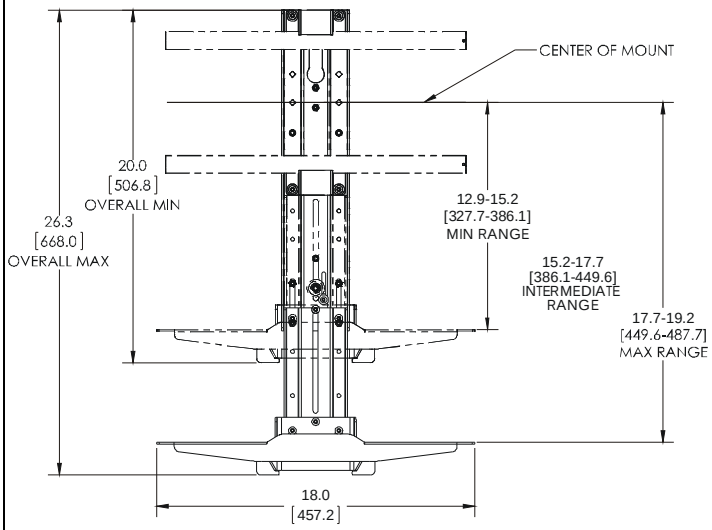
WARNING: Do not use this product outdoors.

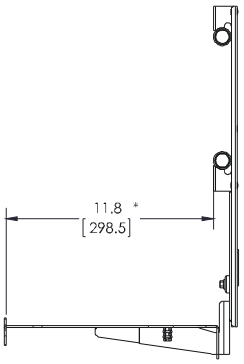
WARNING: RISK OF INJURY TO PERSONS! Do not use this mounting system to support video equipment such as televisions or computer monitors.

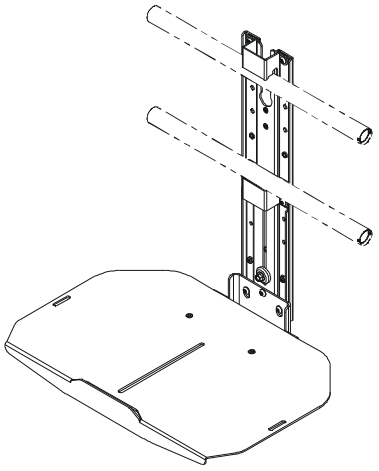
--SAVE THESE INSTRUCTIONS--

DIMENSIONS

FUSION WALL BELOW MOUNT SETUP



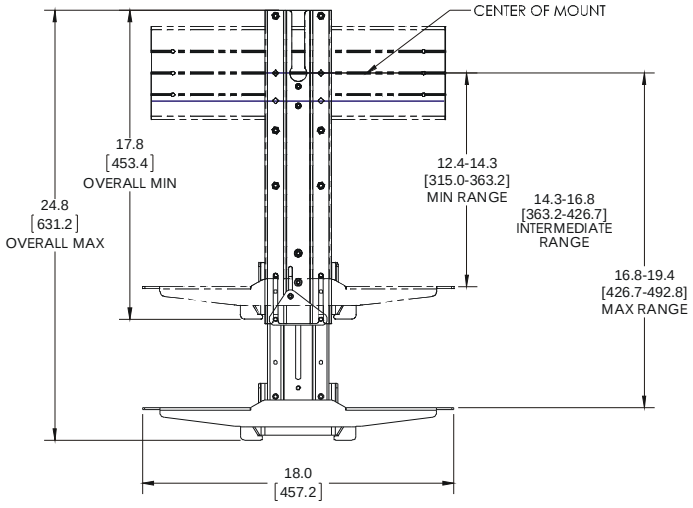


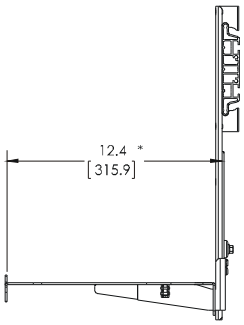


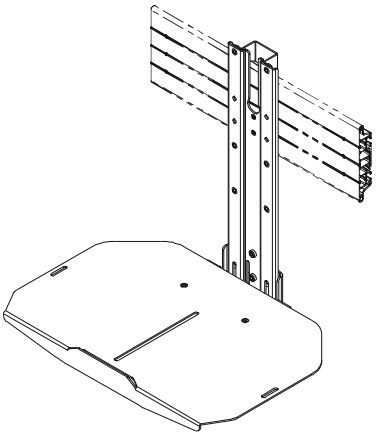
(*)NOTES:

- TYPICAL FUSION INTERFACES ARE 0.625" [15.9] DEEP

FUSION CEILING BELOW MOUNT SETUP







(*)NOTES:

- TYPICAL SINGLE DISPLAY MODELS HAVE INTERFACE DEPTHS .5" [12.7]
- TYPICAL DUAL DISPLAY MODELS HAVE INTERFACE DEPTHS 1.9" [48.3]
- FCA623 DUAL MONITOR INTERFACES ARE 1.4" DEEP [35.6]

LEGEND

Tighten Fastener
Apretar elemento de fijación
Befestigungsteil festziehen
Apertar fixador
Serrare il fissaggio
Bevestiging vastdraaien
Serrez les fixations

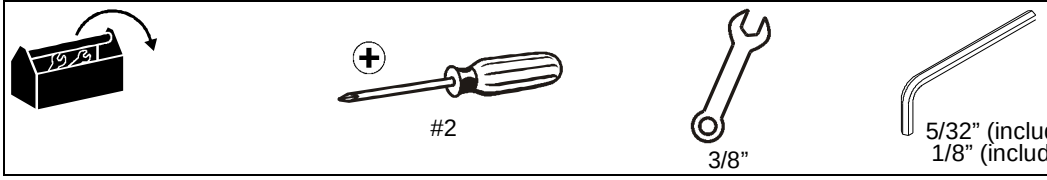
Phillips Screwdriver
Destornillador Phillips
Kreuzschlitzschraubendreher
Chave de fendas Phillips
Cacciavite a stella
Kruiskopschroevendraaier
Tournevis à pointe cruciforme

Loosen Fastener
Aflojar elemento de fijación
Befestigungsteil lösen
Desapertar fixador
Allentare il fissaggio
Bevestiging losdraaien
Desserrez les fixations

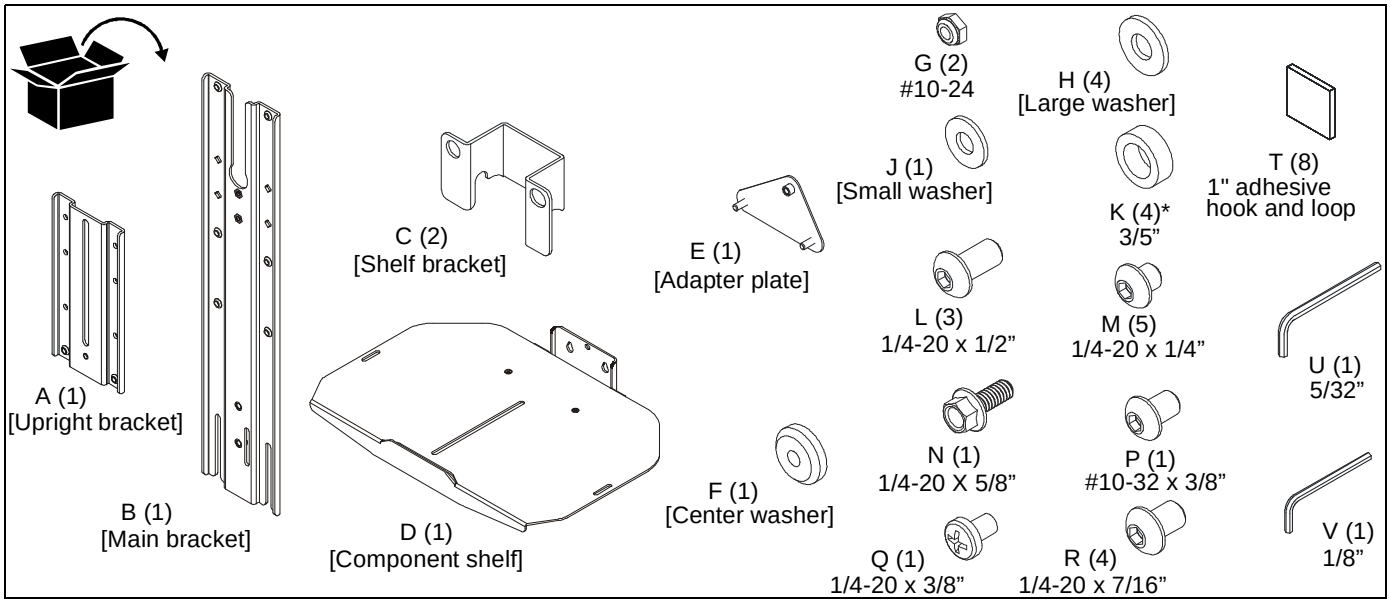
Open-Ended Wrench
Llave de boca
Gabelschlüssel
Chave de bocas
Chiave a punte aperte
Steeksleutel
Clé à fourche

Hex-Head Wrench
Llave de cabeza hexagonal
Sechskantschlüssel
Chave de cabeça sextavada
Chiave esagonale
Zeskantsleutel
Clé à tête hexagonale

TOOLS REQUIRED FOR INSTALLATION



PARTS



ASSEMBLY AND INSTALLATION

NOTE: FCA802 shelves may ONLY be installed below displays.

Assembling Shelf to Upright Bracket

1. Install two 1/4-20 x 1/2” button head cap screws (L) into lowest holes on upright bracket (A). (See Figure 1) or (See Figure 2)
2. Hang component shelf (D) onto two screws installed in Step 1. (See Figure 1) or (See Figure 2)
3. Use one 1/4-20 x 1/4” button head cap screw (M) to secure upright bracket (A) to component shelf (D). (See Figure 1) or (See Figure 2)
4. Tighten all three screws to ensure upright bracket (A) is securely attached to component shelf (D).

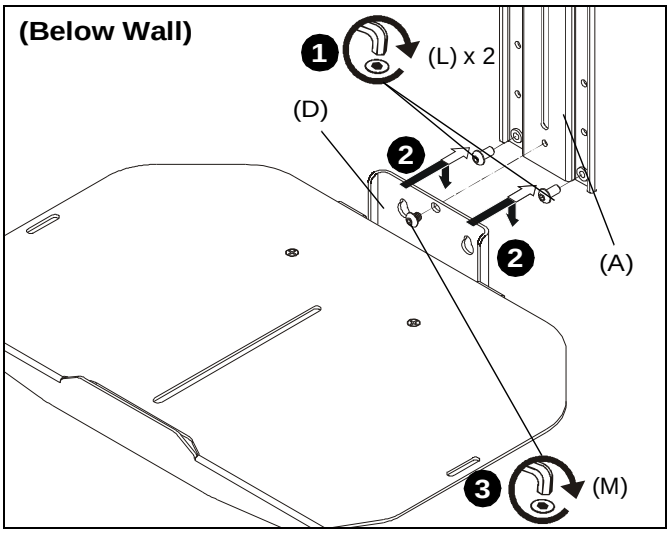


Figure 1

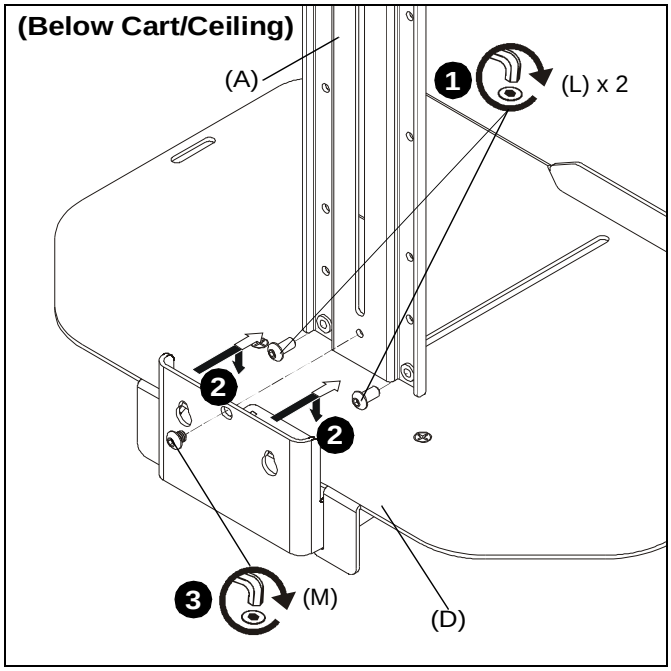


Figure 2

Attaching Shelf to Wall Mount

NOTE: If attaching to cart or ceiling mount, proceed to **Attach Shelf to Cart/Ceiling Section**.

1. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 3)

⚠ **CAUTION:** Slide bracket with caution so that the bracket does not scratch or damage the wall!

2. Slide main bracket (B) behind wall mount rails until shelf bracket (C) rests on top of wall mount rail. (See Figure 3)

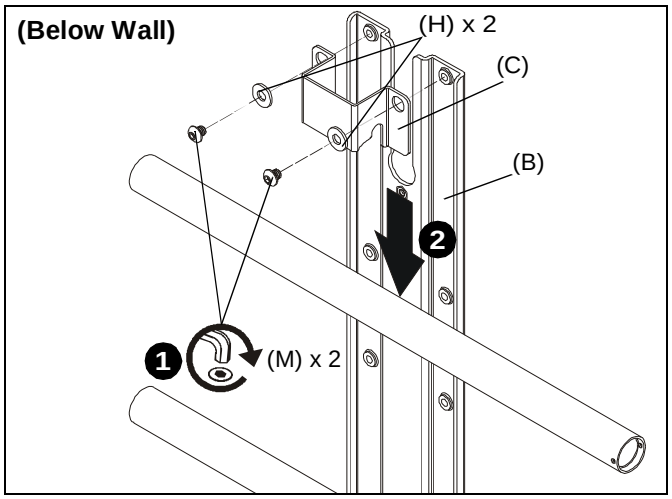


Figure 3

3. Slide second shelf bracket (C) underneath lower rail on wall mount, lining up holes on shelf bracket (C) to main bracket (B). (See Figure 4)
4. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 4)

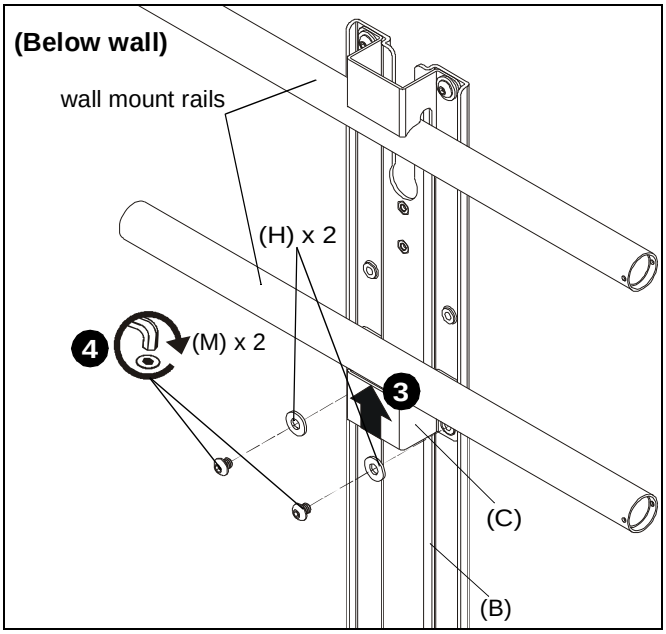


Figure 4

NOTE: Refer to Table 1 and dimension drawings on page 3 to determine the extension level based on extension distance from mount center.

Table 1: Below Wall Mount

Extension distance from center of mount (in.)	
12.9-15.2	**Minimum**
15.2-17.7	**Intermediate**
17.7-19.2	**Maximum**

5. (For **maximum extension**) Use #10-32 x 3/8" button head cap screw (P) and small washer (J) to secure adapter plate (E) to main bracket (B). (See Figure 5)
6. (For **maximum extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (E). (See Figure 5)

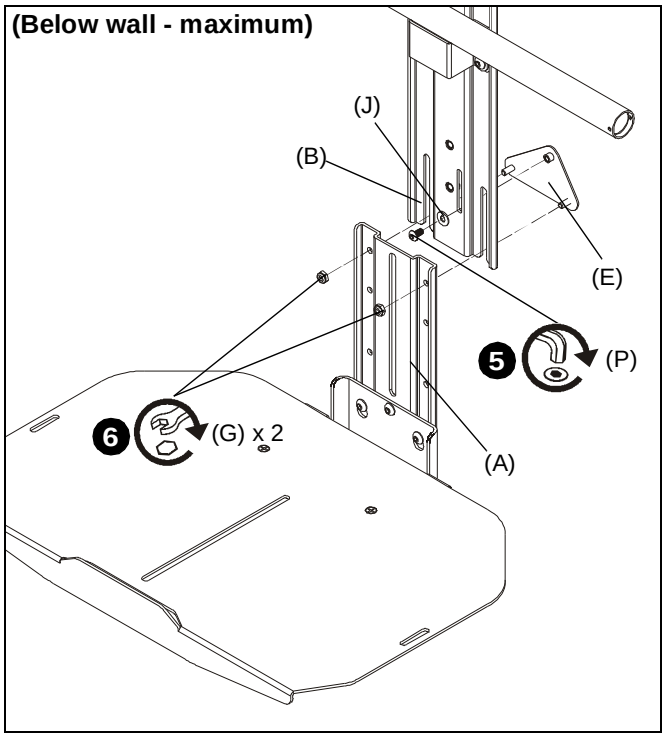


Figure 5

7. (For **minimum/intermediate extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (E). (See Figure 6)

NOTE: Minimum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.

8. (For **minimum/intermediate extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 6)

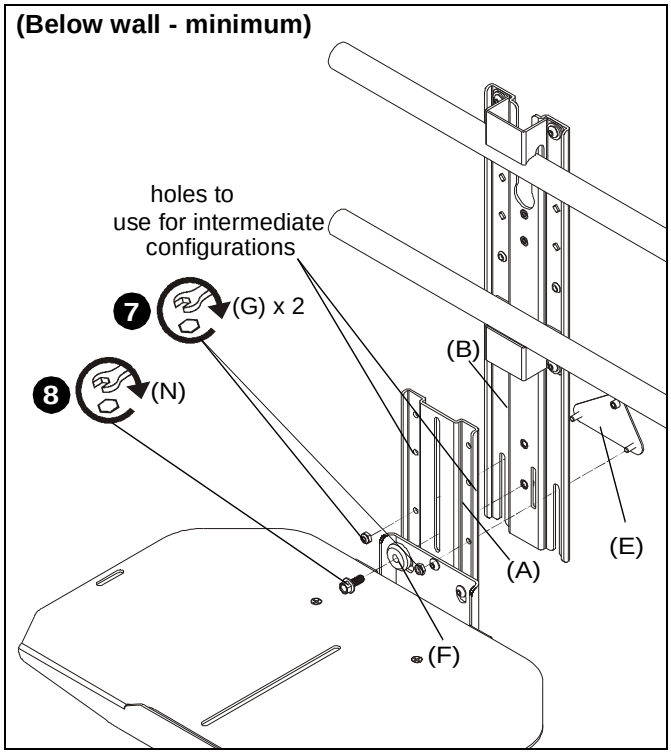


Figure 6

Attaching Shelf to Cart/Ceiling Mount

IMPORTANT ! : If installing to a 2x1 display cart using the FCA623 accessory, proceed to "Installing to FCA623 Accessory" Section (Step 6).

1. Use two 1/4-20 x 1/4" button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 7)
2. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 7)

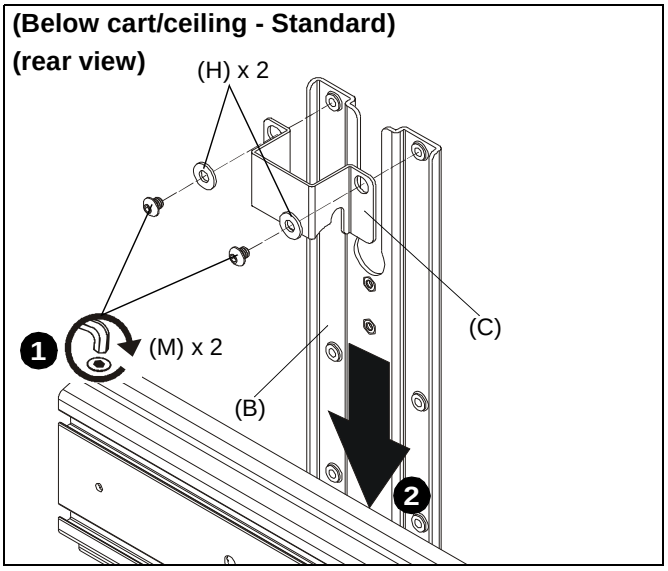


Figure 7

3. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 8)

4. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 8)

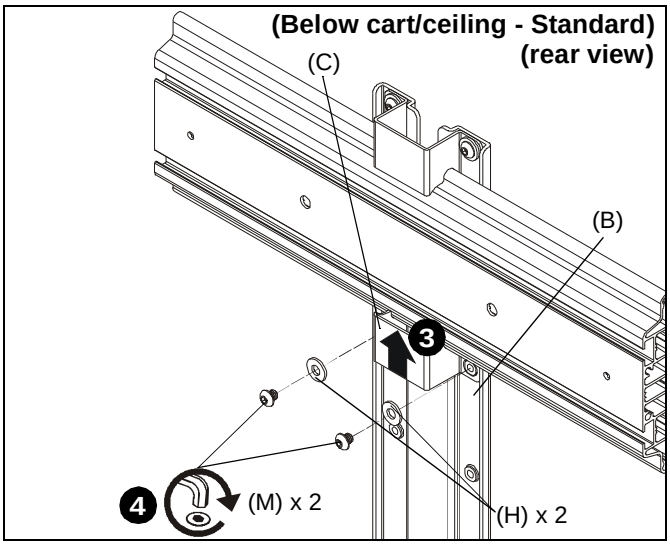


Figure 8

5. Proceed to Step 11.

Installing to FCA623 Accessory

IMPORTANT ! : Steps 6-10 only apply if installing to FCA623 accessory.

6. Use two 1/4-20 x 7/16” button head cap screws (R), two large washers (H) and two 3/5” spacers (K) to secure shelf bracket (C) to main bracket (B). (See Figure 9)

7. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 9)

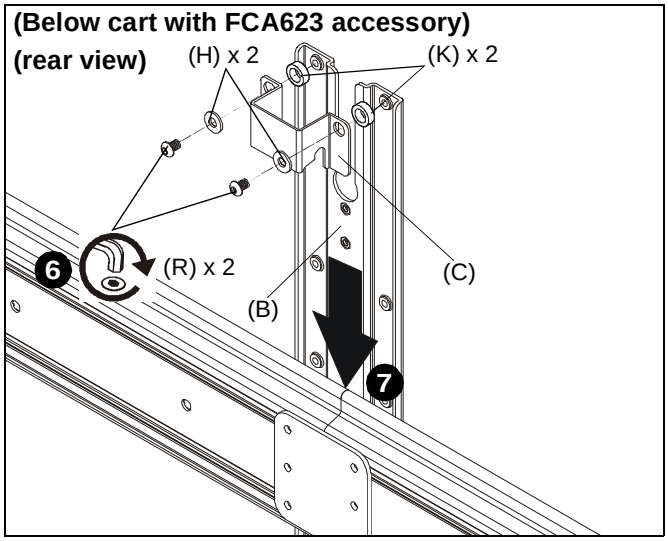


Figure 9

8. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 10)

9. Slide two 3/5” spacers (K) in between shelf bracket (C) and main bracket (B). (See Figure 10)

10. Use two 1/4-20 x 7/16” button head cap screws (R) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 10)

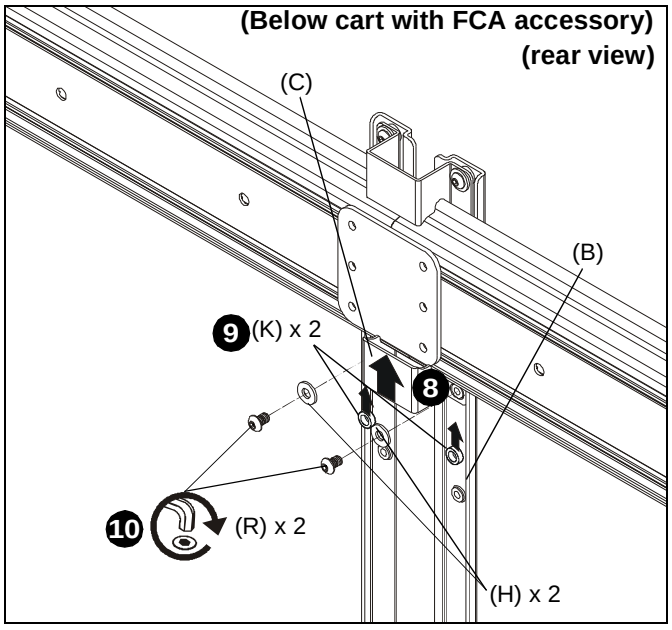


Figure 10

NOTE: Refer to Table 2 and dimension drawings on page 3 to determine the extension level based on extension distance from mount center.

Table 2: Below Cart/Ceiling Mount

Extension distance from center of mount (in.)	
12.4-14.3	**Minimum**
14.3-16.8	**Intermediate**
16.8-19.4	**Maximum**

11. (For **maximum/intermediate extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (E). (See Figure 11)

NOTE: Maximum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.

12. (For **maximum/intermediate extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 11)

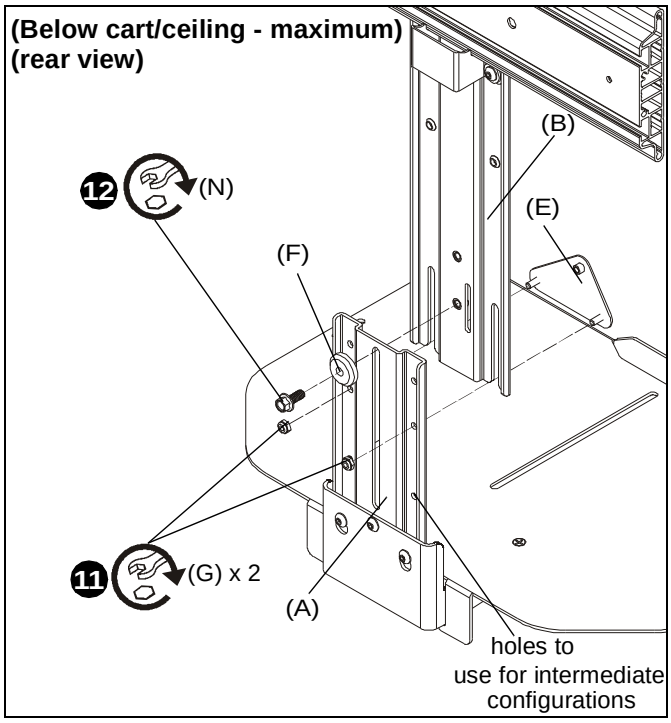


Figure 11

13. (For **minimum extension)** Slide upright bracket behind main bracket. (See Figure 12)

14. (For **minimum extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 12)

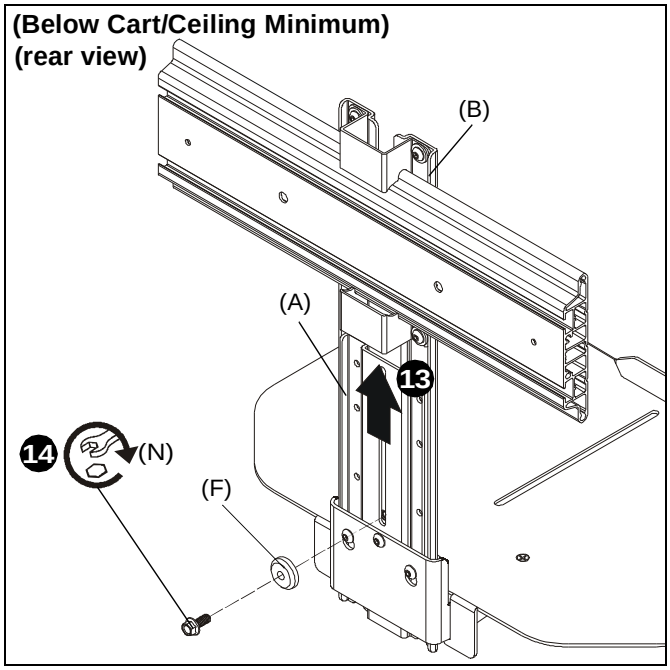


Figure 12

Height Adjustment

1. Loosen hardware used to attach main bracket (B) to upright bracket (A). (See Figure 13)

2. Adjust shelf height as desired. (See Figure 13)

3. Tighten hardware used to attached main bracket (B) to upright bracket (A). (See Figure 13)

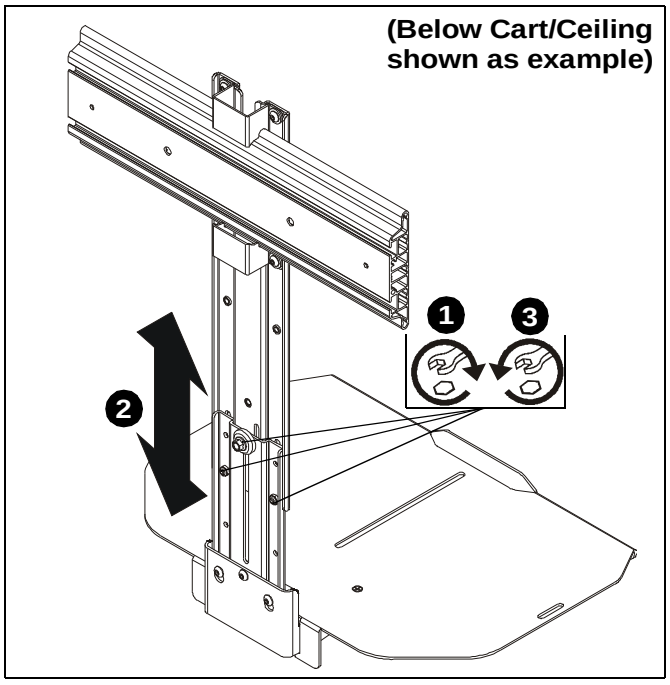


Figure 13

Installing Components (not included)

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight mounted on the FCA802 does not exceed 20 lbs (9 kg).

WARNING: Components must be secured to FCA802 shelf using either adhesive hook and loop squares (T) or screw (Q)! Failure to securely components to shelf may result in serious personal injury or damage to equipment!

NOTE: **OPTIONAL**: Slots are provided in shelf for strap (not included) to hold components in place. (See Figure 14)

Using Adhesive Squares

1. Use up to eight adhesive hook and loop squares (T) to secure component to shelf. Attach adhesive squares to bottom of component first and then attach corresponding squares to shelf when the exact mounting location has been determined.

Using Screw

2. (Single Screw option) Install 1/4-20 x 3/8" Phillips pan machine screw (Q) through mounting slot on shelf and into hole on bottom of component (if applicable). (See Figure 14)

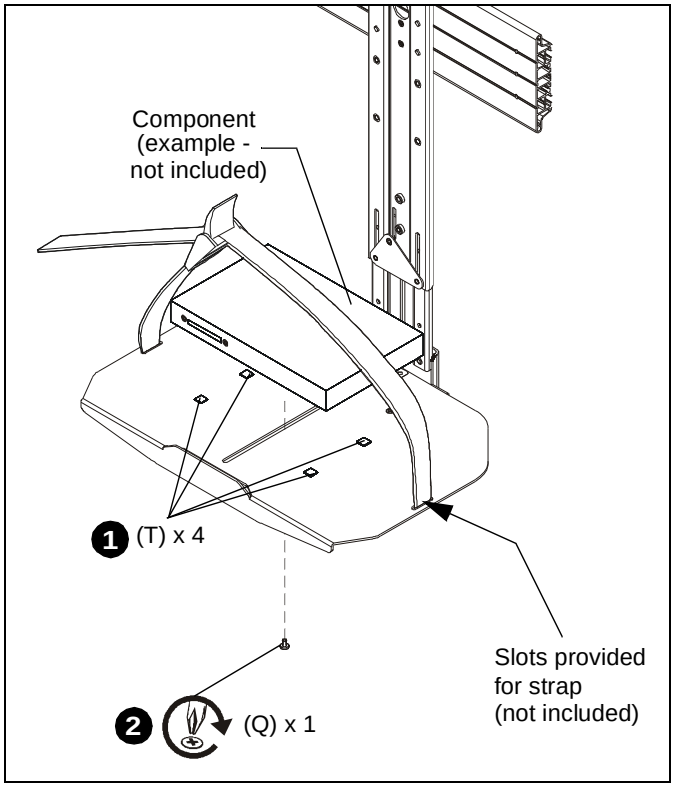


Figure 14

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