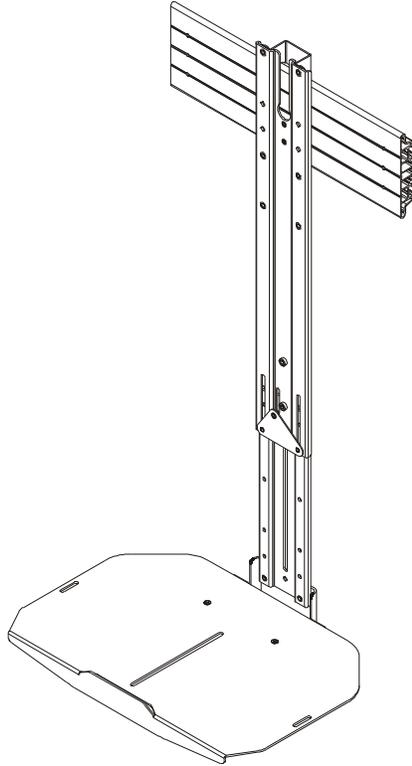


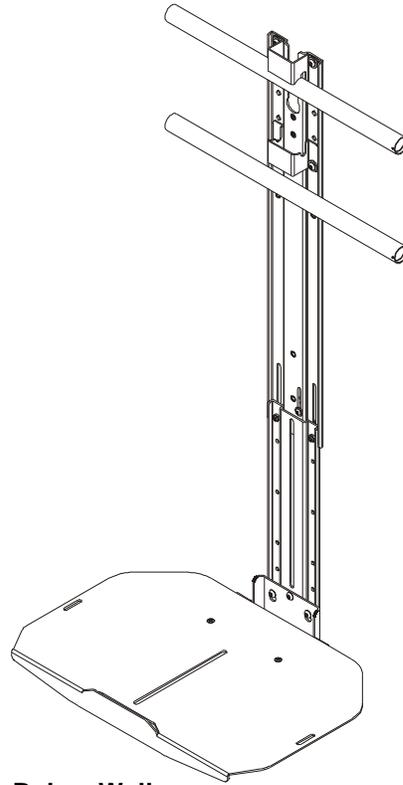
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# INSTALLATION INSTRUCTIONS

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**Below Cart/Ceiling**



**Below Wall**

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## Fusion™ X-Large Below Component Shelf

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**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--**



## 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 FCA812 does not exceed 20 lbs (9.1 kg).



**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.

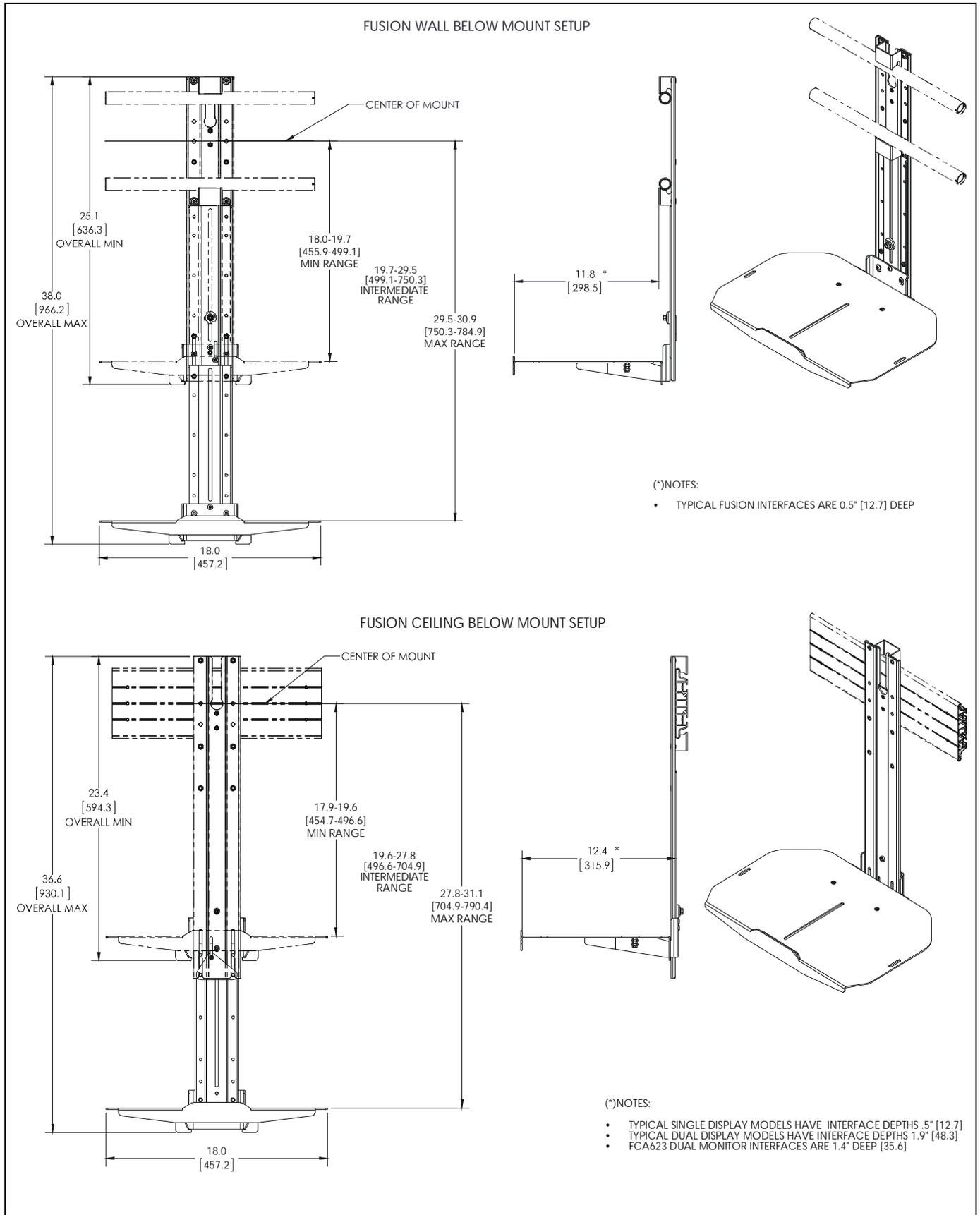


**WARNING:** RISK OF INJURY TO PERSONS! Do not place video equipment such as televisions or computer monitors on FCA812 shelf.

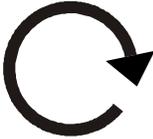
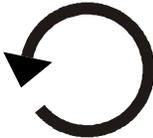


**WARNING:** Do not use this product outdoors.

**DIMENSIONS**



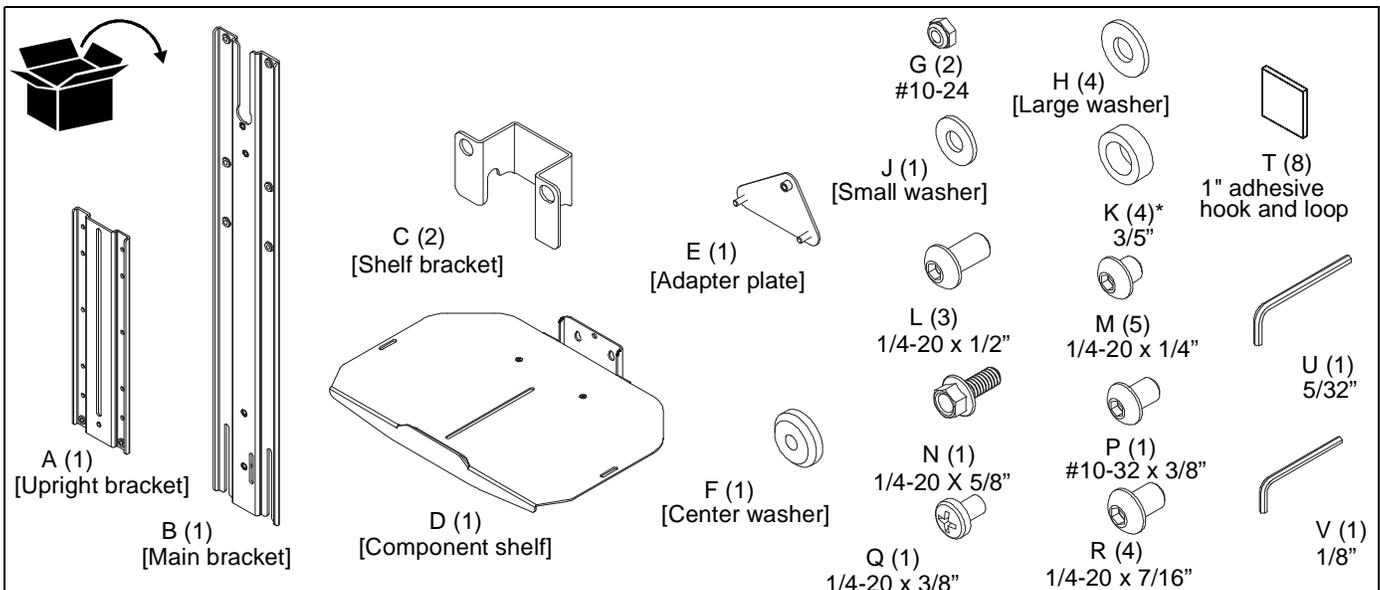
**LEGEND**

	<b>Tighten Fastener</b>		<b>Phillips Screwdriver</b>
	Apretar elemento de fijación		Destornillador Phillips
	Befestigungsteil festziehen		Kreuzschlitzschraubendreher
	Apertar fixador		Chave de fendas Phillips
	Serrare il fissaggio		Cacciavite a stella
	Bevestiging vastdraaien		Kruiskopschroevendraaier
Serrez les fixations	Tournevis à pointe cruciforme		<b>Open-Ended Wrench</b>
	<b>Loosen Fastener</b>		Llave de boca
	Aflojar elemento de fijación		Gabelschlüssel
	Befestigungsteil lösen		Chave de bocas
	Desapertar fixador		Chiave a punte aperte
	Allentare il fissaggio		Steeksleutel
	Bevestiging losdraaien	Clé à fourche	
Serrez les fixations			<b>Hex-Head Wrench</b>
	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:** FCA812 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).

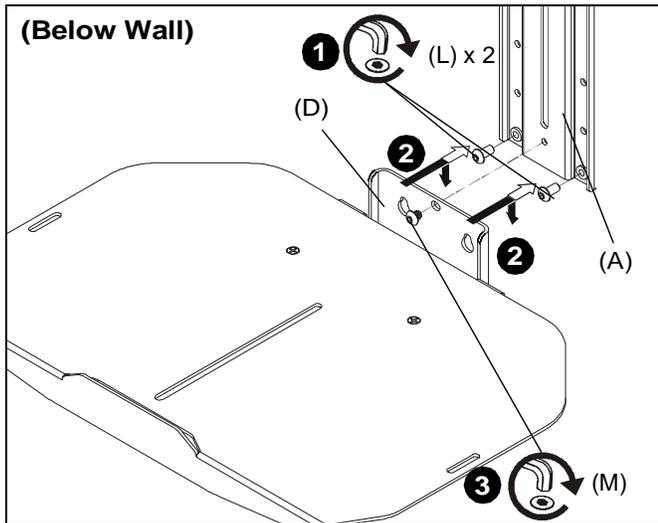


Figure 1

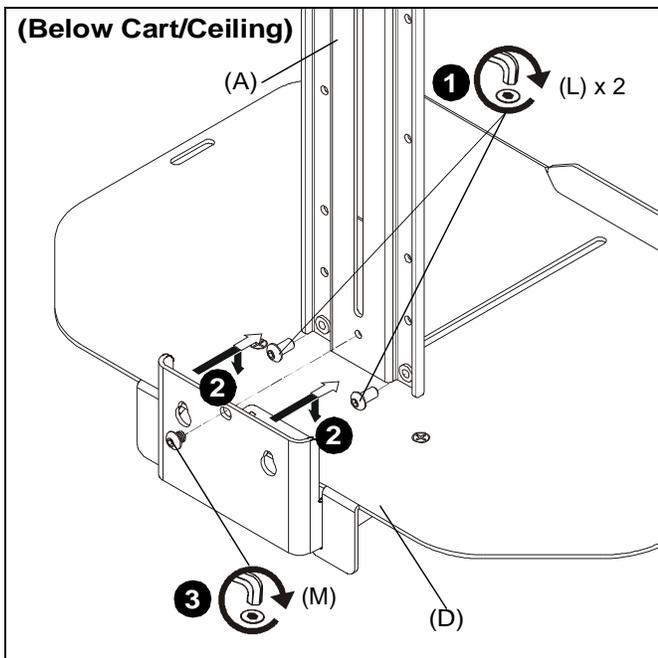


Figure 2

### 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)

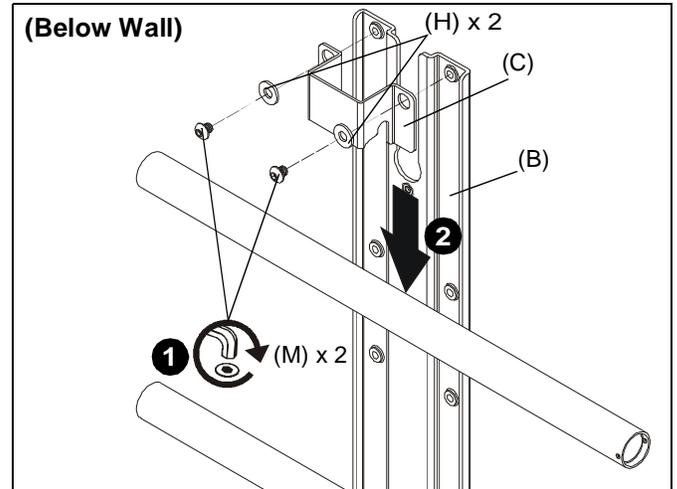


Figure 3

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)

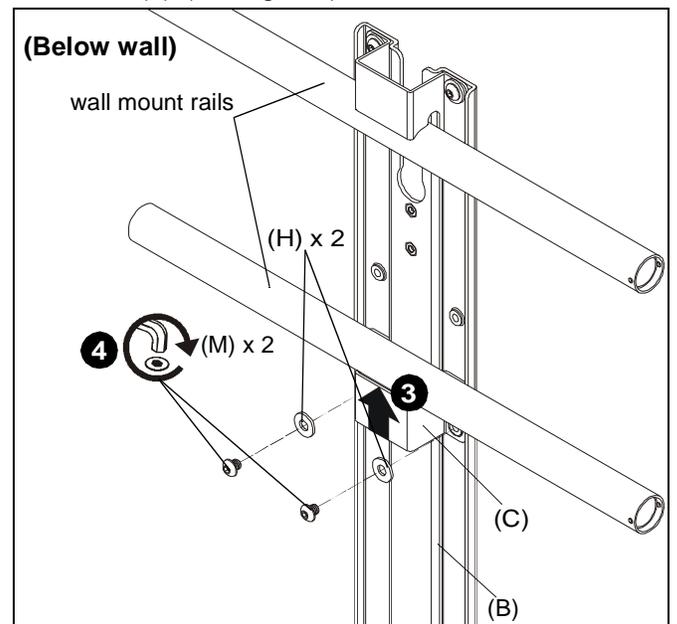


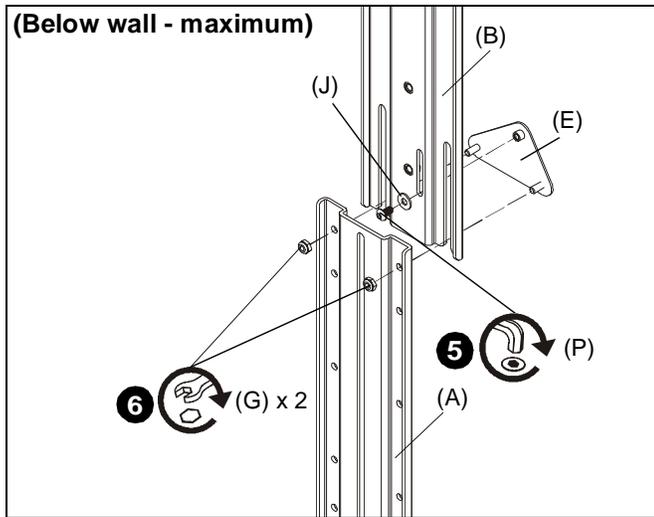
Figure 4

**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.)	
18-19.7	Minimum
19.7-29.5	Intermediate
29.5-30.9	Maximum

- (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)
- (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)

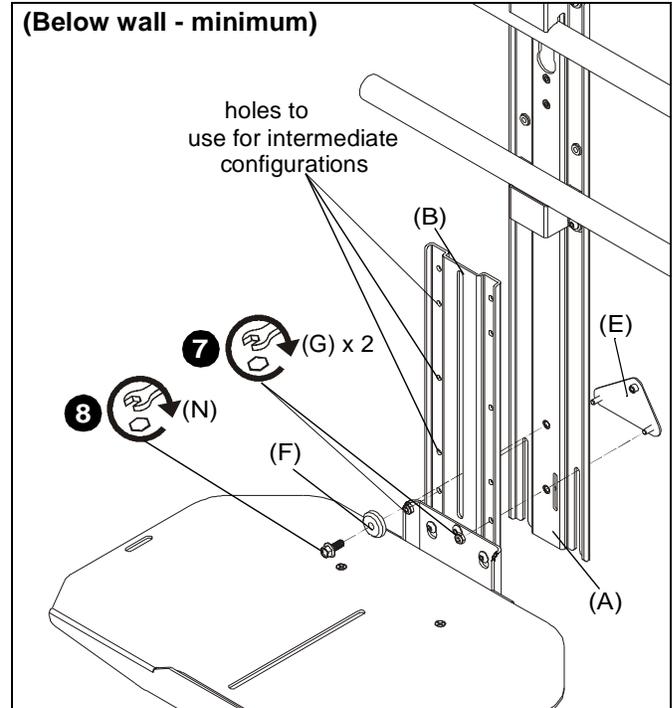


**Figure 5**

- (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 in Figure 6. Several intermediate configurations are possible depending on which holes are used.

- (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)

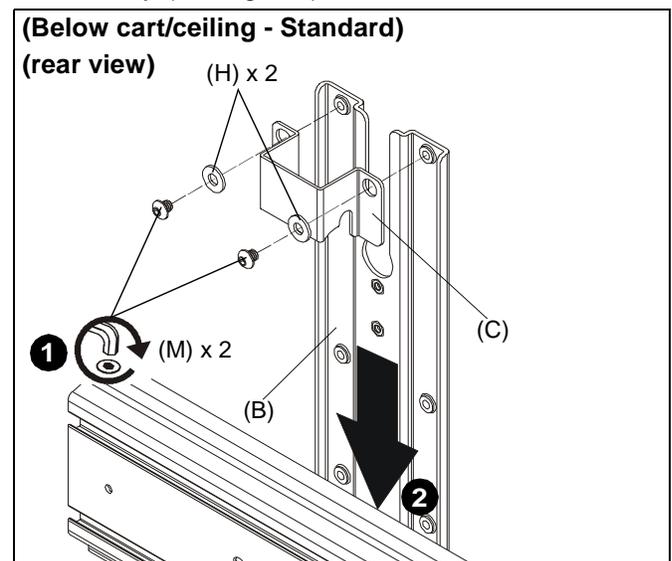


**Figure 6**

**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).

- 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)
- 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)

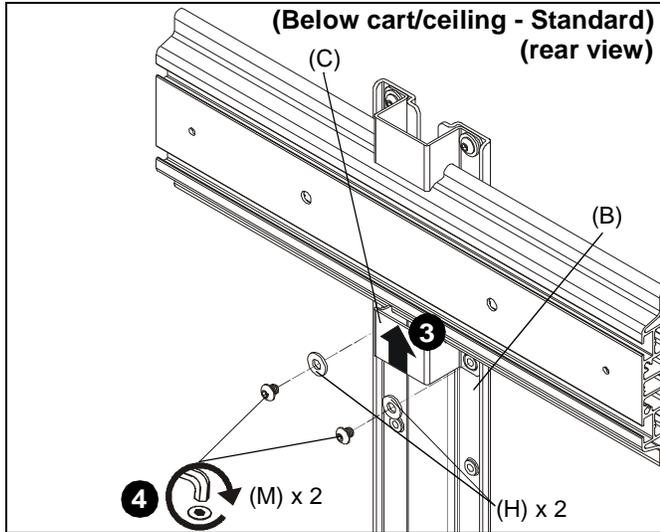


Figure 8

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)

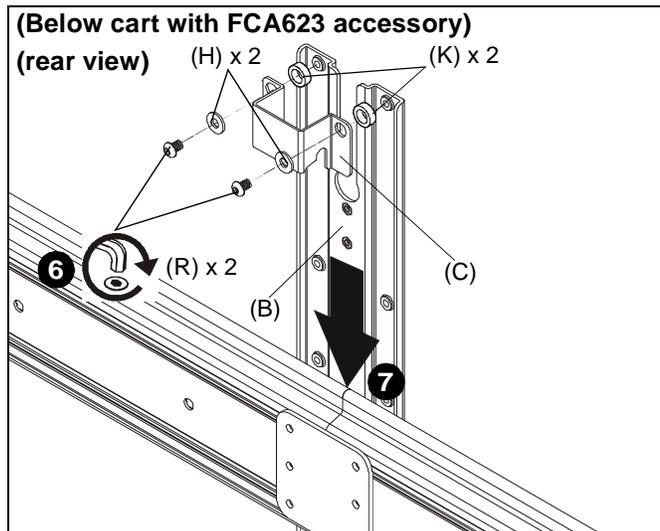


Figure 9

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)

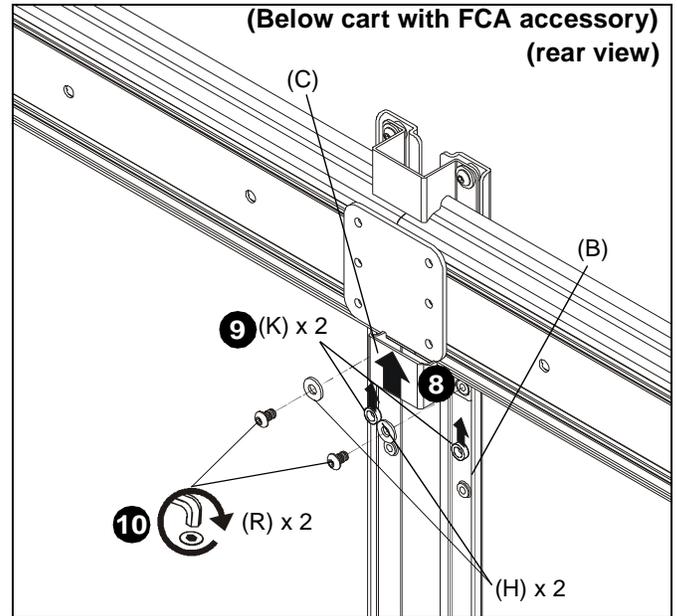


Figure 10

**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.)	
17.9 - 19.6	Minimum
19.6 - 27.8	Intermediate
27.8 - 31.1	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)

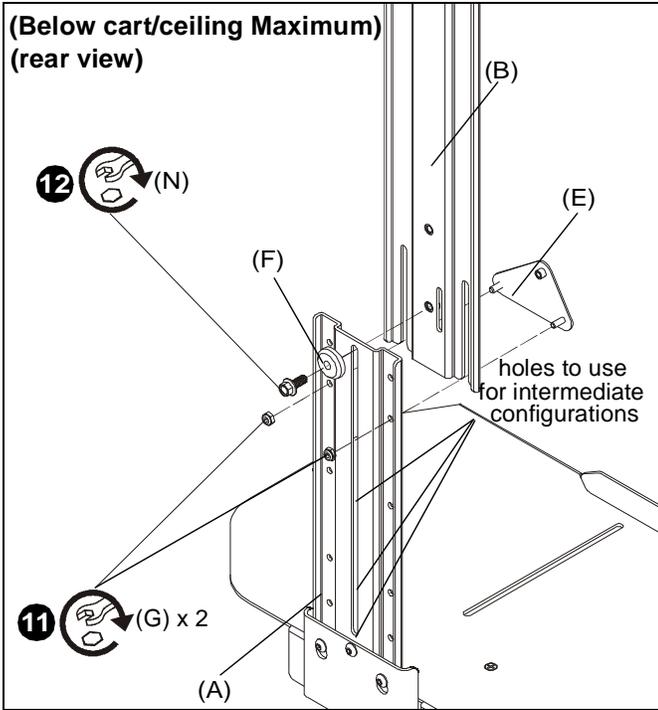


Figure 11

- 13. (For **minimum extension**) Slide upright bracket (A) behind main bracket (B). (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)

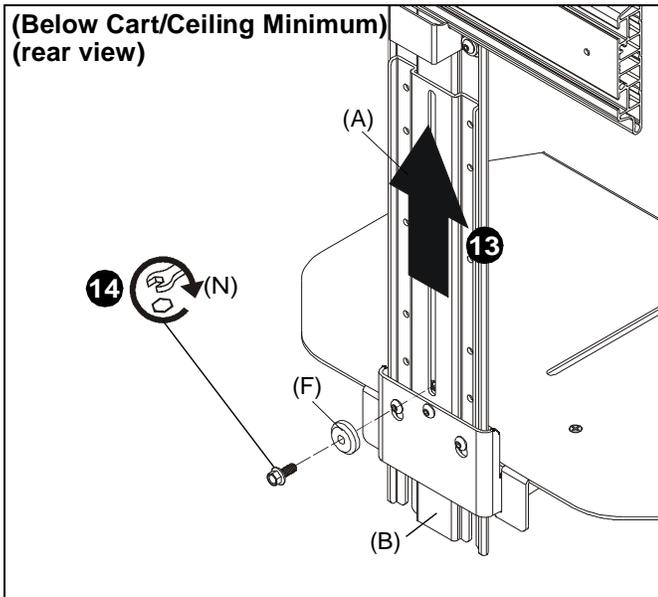


Figure 12

### 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)

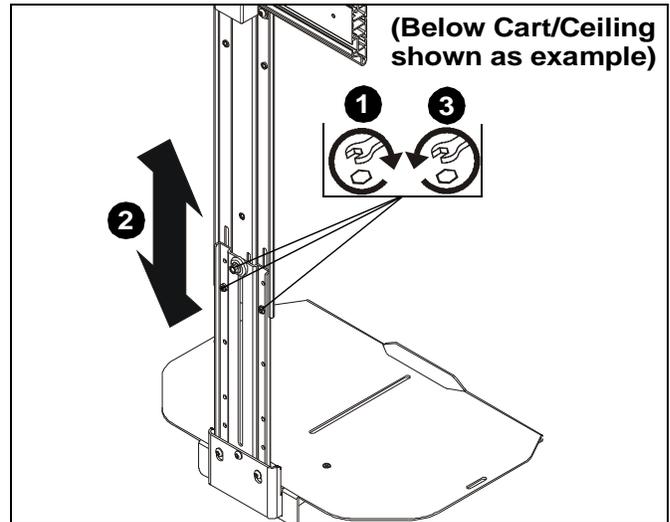


Figure 13

## 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 FCA812 does not exceed 20 lbs (9.1 kg).



**WARNING:** Components must be secured to FCA812 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)

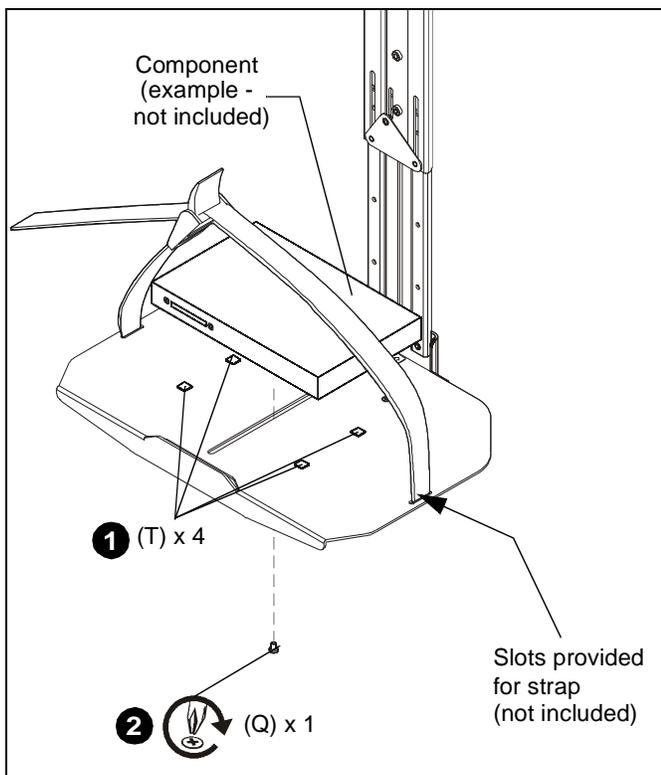


Figure 14







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