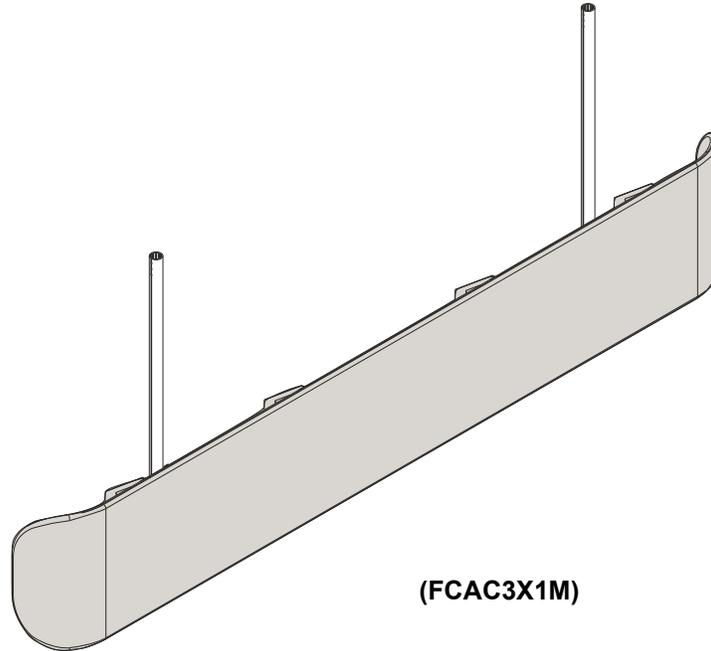# INSTALLATION INSTRUCTIONS

(FCAC3X1M)

Fusion Back Covers

CHIEF®

A brand of legrand®

FCAC SERIES

DISCLAIMER

Legrand | AV and its affiliated corporations and subsidiaries (collectively "Legrand | AV"), intend to make this manual accurate and complete. However, Legrand | AV makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. Legrand | AV makes no representation of warranty, expressed or implied, regarding the information contained herein. Legrand | AV assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

DEFINITIONS

MOUNTING SYSTEM: A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

ACCESSORY: AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

COMPONENT: A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.

⚠ **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.

⚠ **IMPORTANT SAFETY 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 accessories are properly assembled and installed using the instructions provided.

⚠ **WARNING:** Failure to provide adequate structural strength for this accessory can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this accessory is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the accessory.

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

⚠ **WARNING:** Never operate this accessory if it is damaged. Return the accessory to a service center for examination and repair.

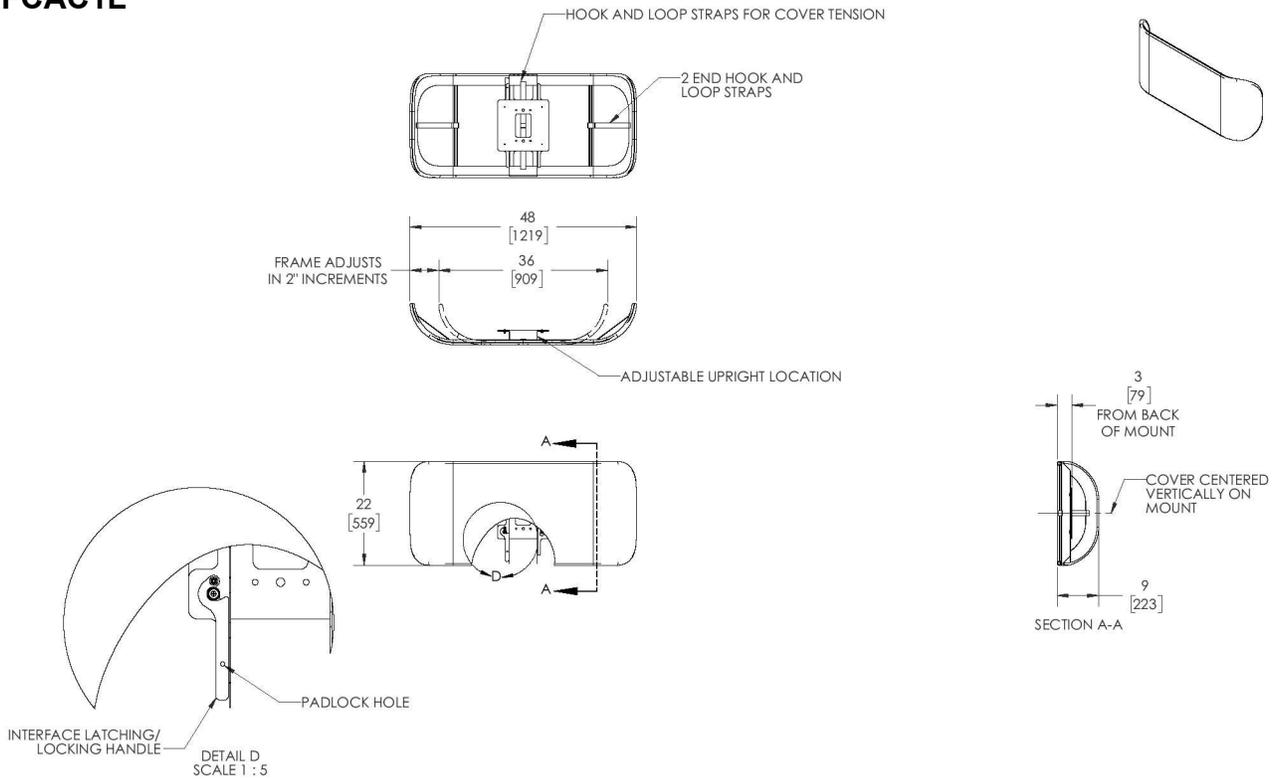⚠ **WARNING:** Do not use this accessory outdoors.

⚠ **WARNING:** RISK OF INJURY TO PERSONS! Do not use this accessory to support video equipment such as televisions or computer monitors.
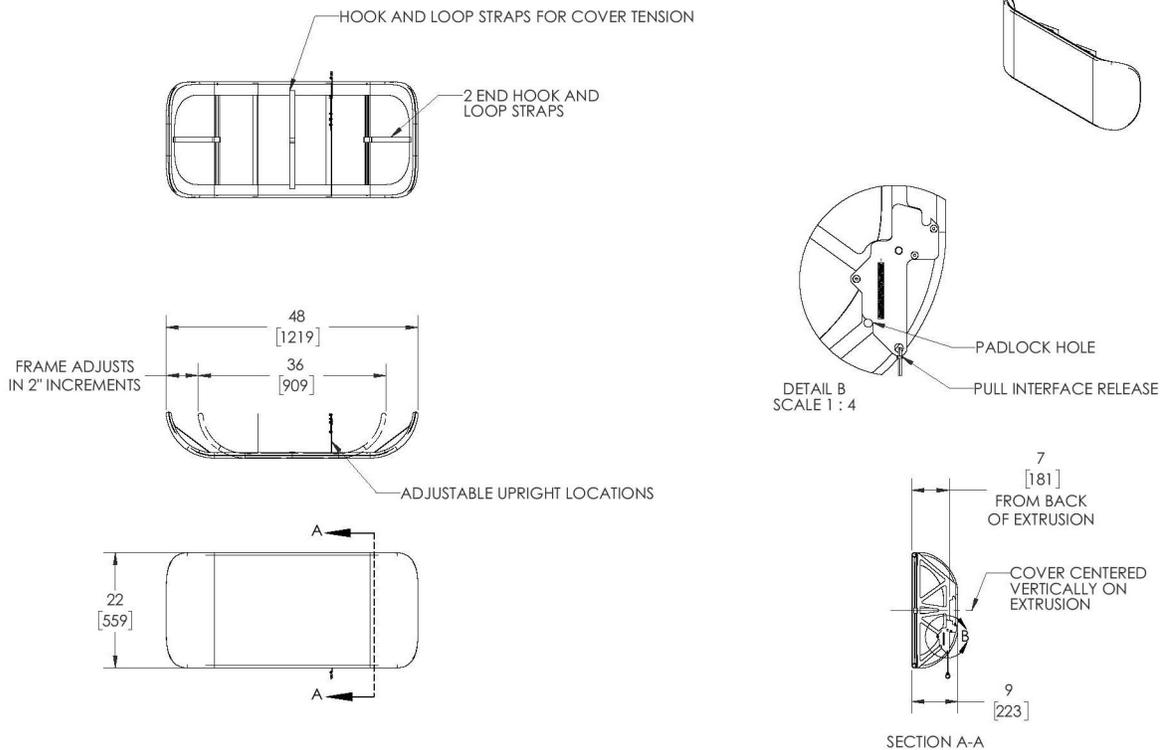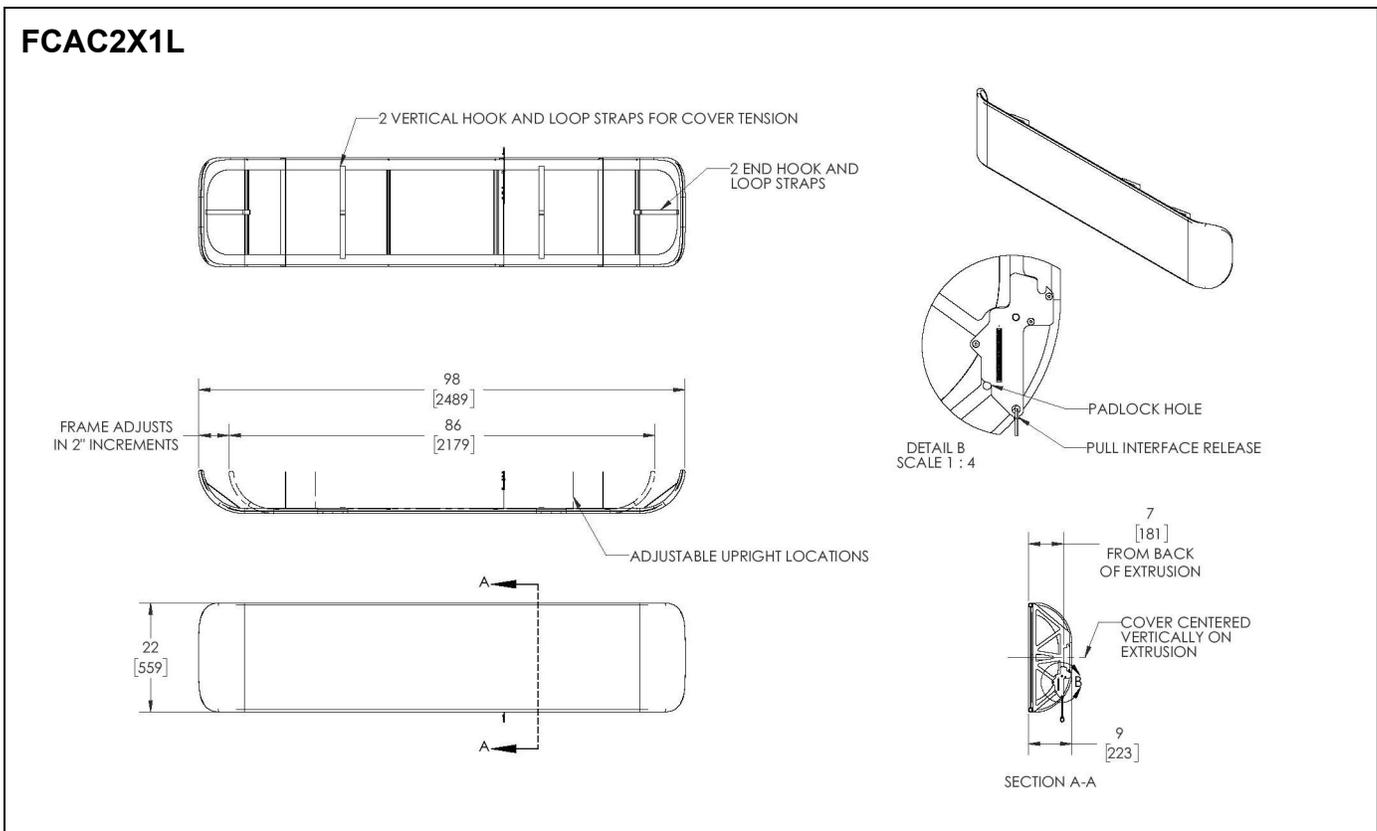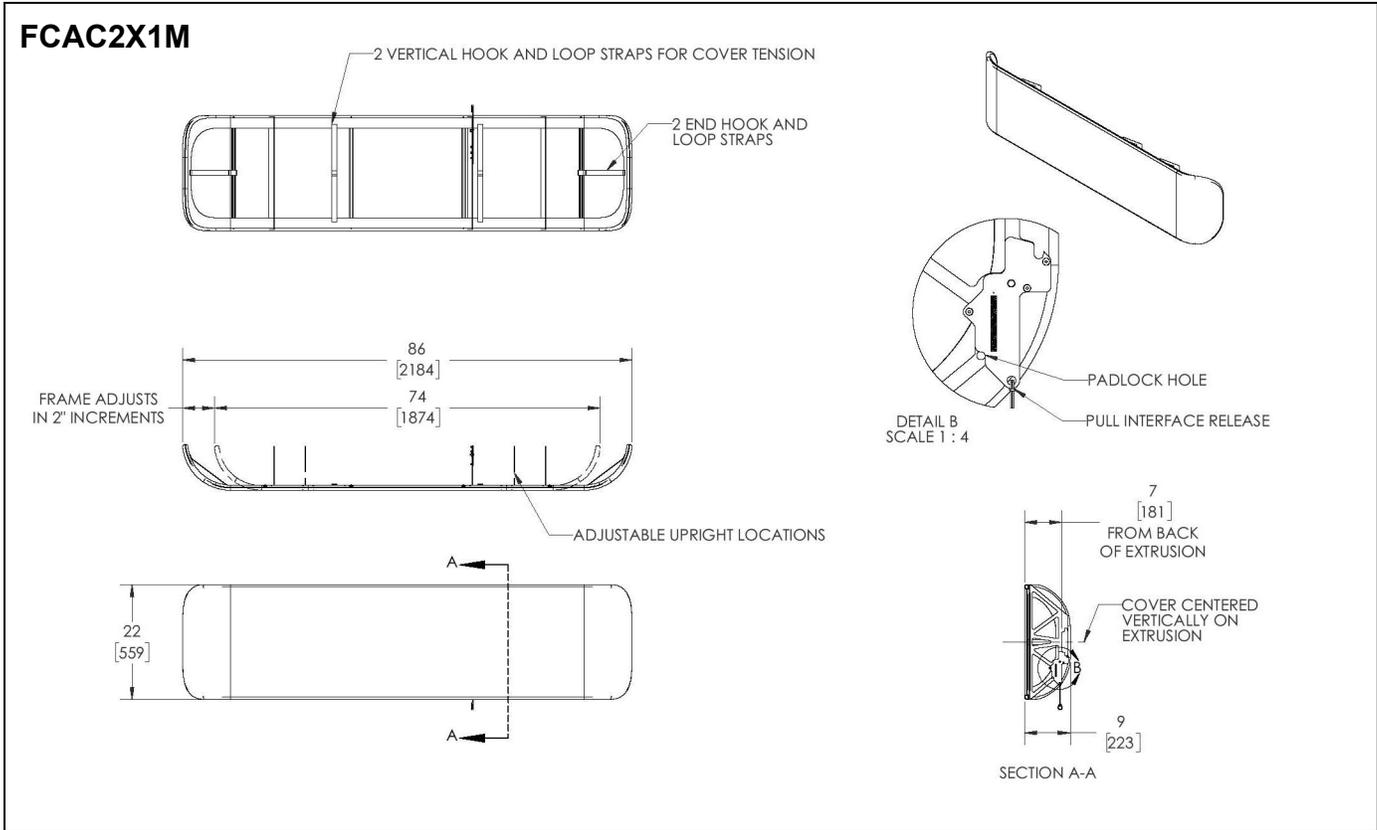
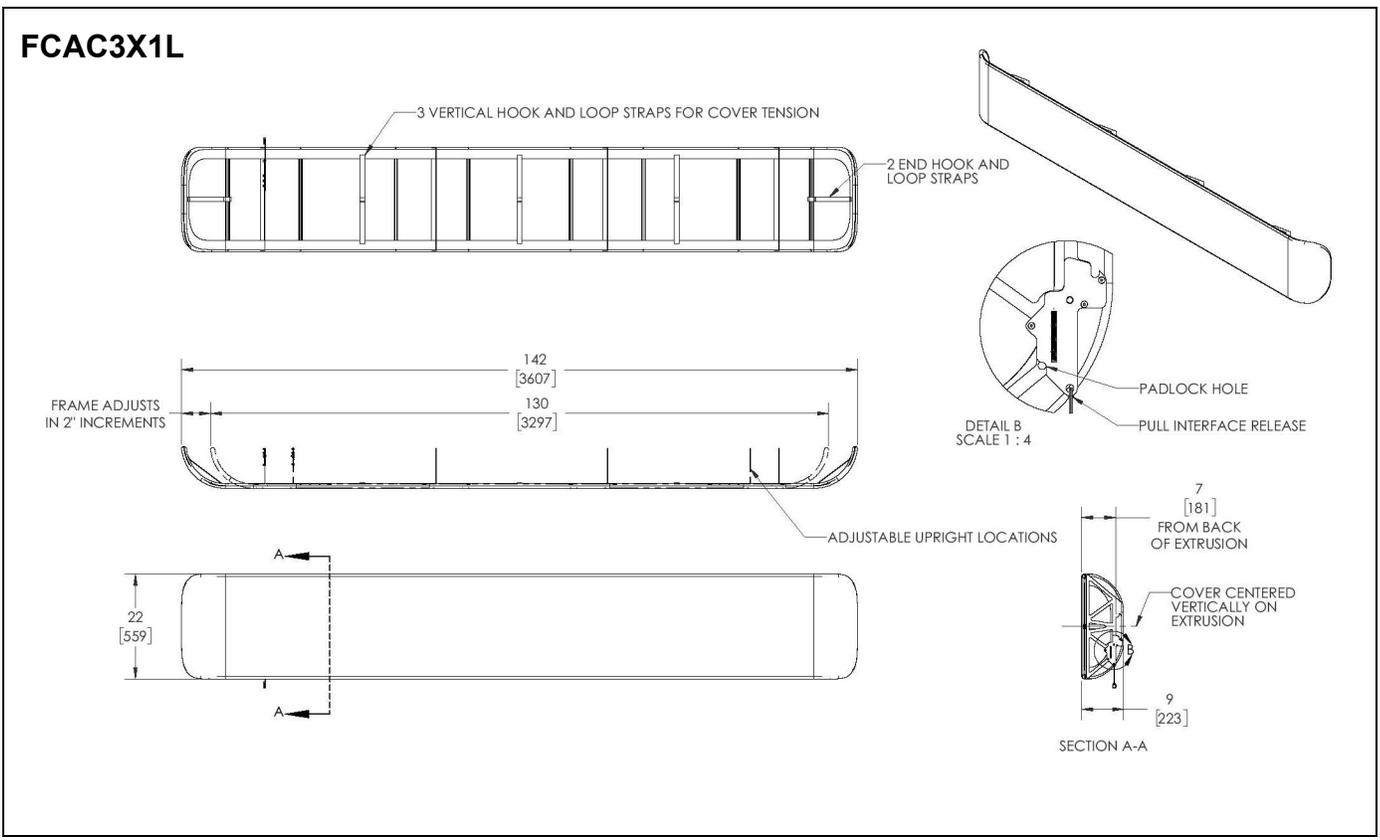## --SAVE THESE INSTRUCTIONS--

DIMENSIONS

FCAC1L

HOOK AND LOOP STRAPS FOR COVER TENSION

2 END HOOK AND LOOP STRAPS

48 [1219]

FRAME ADJUSTS IN 2" INCREMENTS

36 [909]

ADJUSTABLE UPRIGHT LOCATION

3 [79] FROM BACK OF MOUNT

COVER CENTERED VERTICALLY ON MOUNT

9 [223]

SECTION A-A

A

22 [559]

D

A

INTERFACE LATCHING/ LOCKING HANDLE

PADLOCK HOLE

DETAIL D SCALE 1 : 5

FCAC1X

HOOK AND LOOP STRAPS FOR COVER TENSION

2 END HOOK AND LOOP STRAPS

48 [1219]

FRAME ADJUSTS IN 2" INCREMENTS

36 [909]

ADJUSTABLE UPRIGHT LOCATIONS

PADLOCK HOLE

DETAIL B SCALE 1 : 4

PULL INTERFACE RELEASE

A

22 [559]

A

7 [181] FROM BACK OF EXTRUSION

COVER CENTERED VERTICALLY ON EXTRUSION

9 [223]

SECTION A-A

3

DIMENSIONS (CONTINUED)

FCAC2X1M

2 VERTICAL HOOK AND LOOP STRAPS FOR COVER TENSION

2 END HOOK AND
LOOP STRAPS

86
[2184]

FRAME ADJUSTS
IN 2" INCREMENTS

74
[1874]

ADJUSTABLE UPRIGHT LOCATIONS

A

22
[559]

A

PADLOCK HOLE

DETAIL B
SCALE 1 : 4

PULL INTERFACE RELEASE

7
[181]
FROM BACK
OF EXTRUSION

COVER CENTERED
VERTICALLY ON
EXTRUSION

9
[223]

SECTION A-A

FCAC2X1L

2 VERTICAL HOOK AND LOOP STRAPS FOR COVER TENSION

2 END HOOK AND
LOOP STRAPS

98
[2489]

FRAME ADJUSTS
IN 2" INCREMENTS

86
[2179]

ADJUSTABLE UPRIGHT LOCATIONS

A

22
[559]

A

PADLOCK HOLE

DETAIL B
SCALE 1 : 4

PULL INTERFACE RELEASE

7
[181]
FROM BACK
OF EXTRUSION

COVER CENTERED
VERTICALLY ON
EXTRUSION

9
[223]

SECTION A-A

DIMENSIONS (CONTINUED)

FCAC3X1M

3 VERTICAL HOOK AND LOOP STRAPS FOR COVER TENSION

2 END HOOK AND
LOOP STRAPS

130
[3302]

FRAME ADJUSTS
IN 2" INCREMENTS

118
[2992]

ADJUSTABLE UPRIGHT LOCATIONS

A

22
[559]

A

PADLOCK HOLE

DETAIL B
SCALE 1 : 4

PULL INTERFACE RELEASE

7
[181]
FROM BACK
OF EXTRUSION

COVER CENTERED
VERTICALLY ON
EXTRUSION

9
[223]

SECTION A-A

FCAC3X1L

3 VERTICAL HOOK AND LOOP STRAPS FOR COVER TENSION

2 END HOOK AND
LOOP STRAPS

142
[3607]

FRAME ADJUSTS
IN 2" INCREMENTS

130
[3297]

ADJUSTABLE UPRIGHT LOCATIONS

A

22
[559]

A

PADLOCK HOLE

DETAIL B
SCALE 1 : 4

PULL INTERFACE RELEASE

7
[181]
FROM BACK
OF EXTRUSION

COVER CENTERED
VERTICALLY ON
EXTRUSION

9
[223]

SECTION A-A

LEGEND

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

	Pencil Mark
	Marcar con lápiz
	Stiftmarkierung
	Marcar com lápis
	Segno a matita
	Potloodmerkteken
	Marquage au crayon
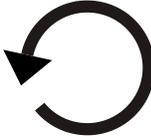
	Loosen Fastener
	Aflojar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
	Desserrez les fixations

	Drill Hole
	Perforar
	Bohrloch
	Fazer furo
	Praticare un foro
	Gat boren
	Percez un trou

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

	Adjust
	Ajustar
	Einstellen
	Ajustar
	Regolare
	Afstellen
	Ajuster

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

	Remove
	Quitar
	Entfernen
	Remover
	Rimuovere
	Verwijderen
	Retirez

	By Hand
	A mano
	Von Hand
	Com a mão
	A mano
	Met de hand
	À la main

	Optional
	Opcional
	Optional
	Opcional
	Opzionale
	Optie
	En option

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

	Security Wrench
	Llave de seguridad
	Sicherheitsschlüssel
	Chave de segurança
	Chiave di sicurezza
	Veiligheidssleutel
	Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION

#2

3/16"

1 2 3 4 5

PARTS

(QUANTITIES SHOWN = FCAC1L/1X/2X1M/2X1L/3X1M/3X1L)

A (1/1/1/1/1/1)
[Fabric cover]
[FCAC1L cover shown]

B (0/0/1/1/1/1)
[Center frame]

C (2/2/2/2/2/2)
[Outside frame]

D (0/1/2/2/3/3)
[Upright w/o flag]

E (0/1/1/1/1/1)
[Upright w/flag]

G (8/8/12/12/16/16)
#12-24 x 3/8"

F (2/2/4/4/0/0)
[Center joiner tube]

M (0/0/0/0/2/2)
[Extension frame]

[Upright Adapter Kit] - (FCAC1LB ONLY)

H (1)
[LCM upright]

J (1)
[LCM Upright adapter]

K (4)
5/16-18 x 3/4"

L (1)
3/16"

N (0/4/0/0/0/0)
3/4"

P (0/4/0/0/0/0)
#12-11 x 1 1/4"

7

Assembly And Installation

IMPORTANT ! : The FCAC Series frames can be assembled at a variety of widths in 2" increments using any of the holes available in the center joiner tubes (F) depending on display size and user preference. Holes shown being used in the graphics throughout these instructions are just as examples.

Frame Assembly

FCAC1L

1. Slide together two outside frames (C) and two center joiner tubes (F). (See Figure 1)
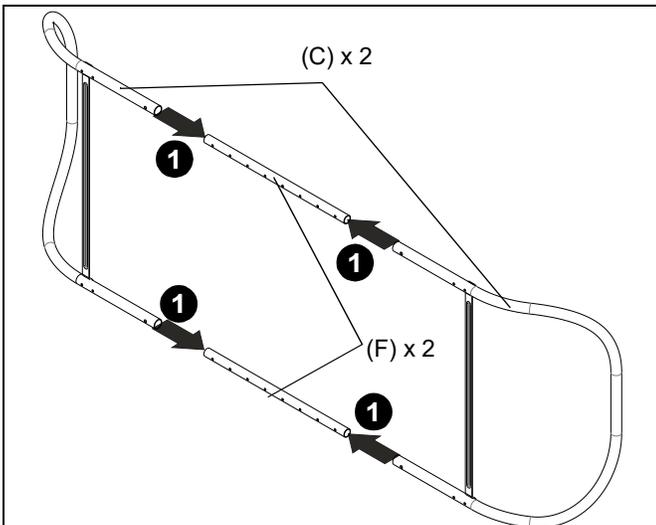
Figure 1

2. Use four #12-24 x 3/8" Phillips tapping screws (G) to secure outside frames (C) to center joiner tubes (F). (See Figure 2)
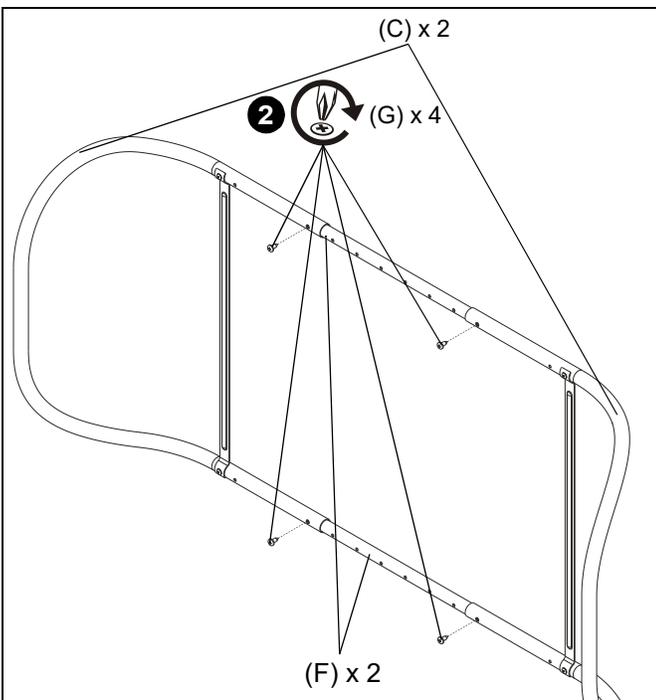
Figure 2

3. Use four #12-24 x 3/8" Phillips tapping screws (G) to secure LCM upright (H) to two center joiner tubes (F). (See Figure 3)
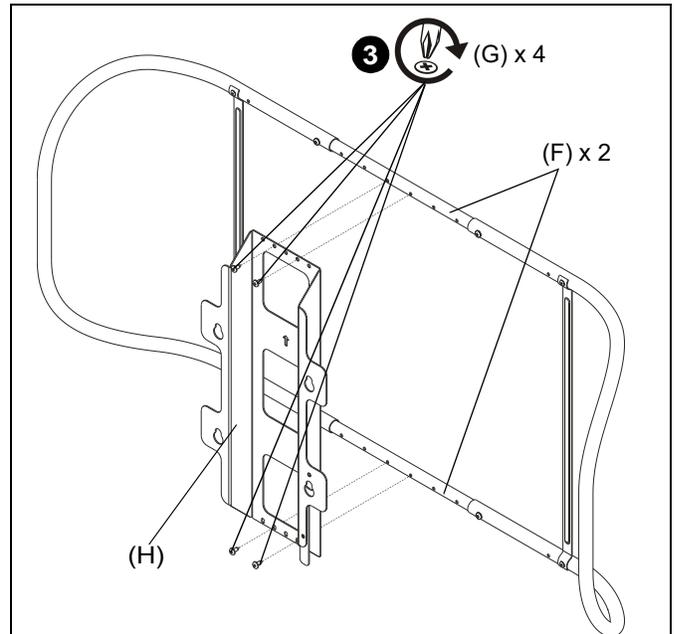
Figure 3

4. Proceed to "Fabric Cover Installation" Section.

FCAC1X

1. Slide together two outside frames (C) and two center joiner tubes (F). (See Figure 1)

2. Use four #12-24 x 3/8" Phillips tapping screws (G) to secure two uprights (D and E) to two outside frames (C). (See Figure 4) If installing to cart or stand, use #12-11 x 1 1/4" Phillips tapping screws (P) instead and four 3/4" spacers (N) to create more space for back of cart/stand. (See Figure 5)
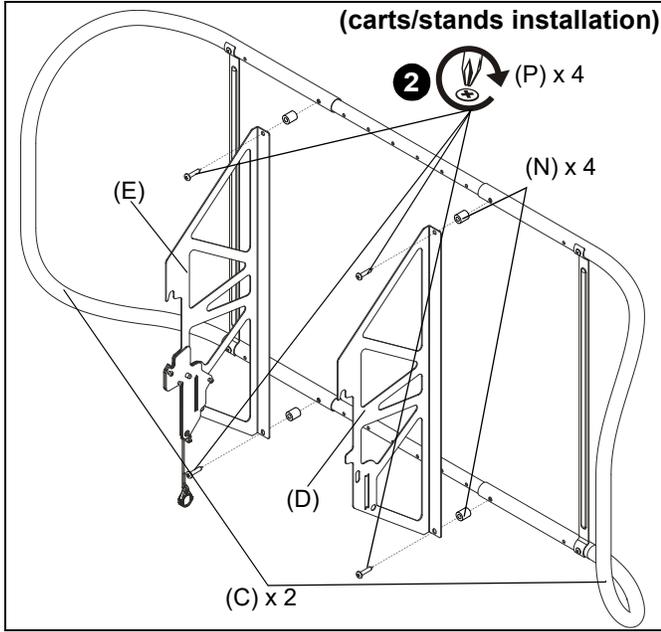

Figure 4

(carts/stands installation)

2 (P) x 4

(N) x 4

(E)

(D)

(C) x 2
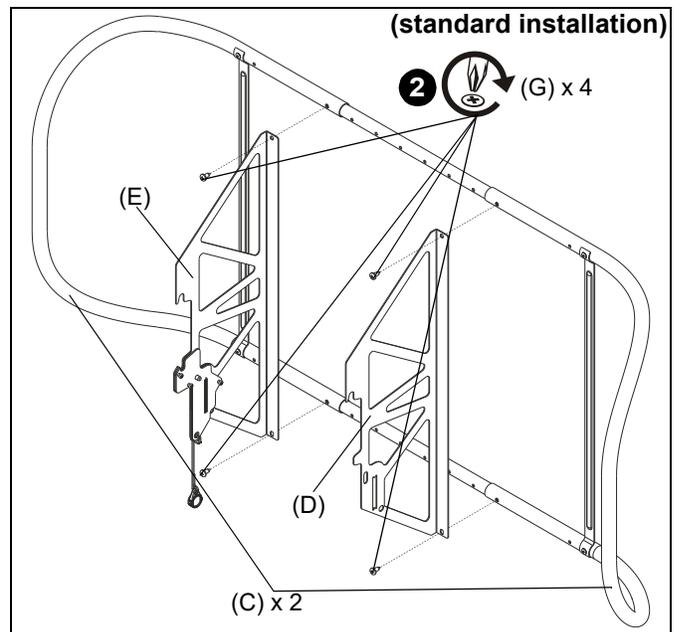
Figure 5

3. Proceed to "Fabric Cover Installation" Section.

FCAC2X1M/FCAC2X1L

1. Slide together two outside frames (C), four center joiner tubes (F) and one center frame (B). (See Figure 6)
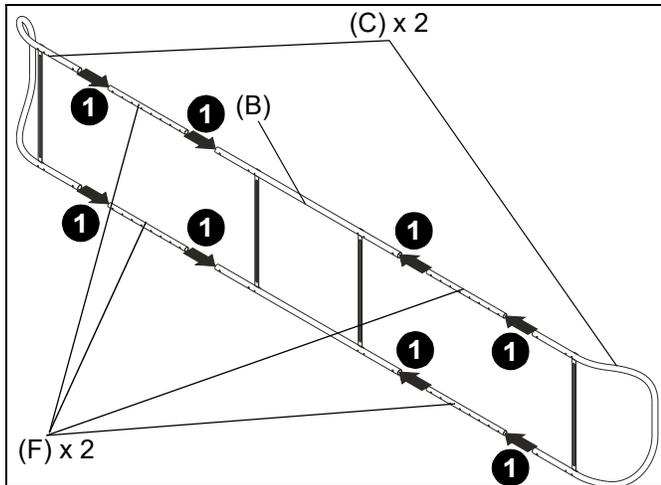

(C) x 2

(B)

(F) x 2

Figure 6

NOTE: If there are any possible obstructions on back of display that could interfere with uprights (D and E) installation, measure where they will occur so uprights can be attached accordingly. Uprights (without flags) (D) may be installed in either Step 2, Step 4 or into any available holes on center joiner tubes (F) depending on obstructions or user preference.

2. Use four #12-24 x 3/8" Phillips tapping screws (G) to secure two uprights (without flags) (D) to outside frames (C). (See Figure 7)

NOTE: Example shown (See Figure 7) is to assemble a maximum length frame. Frame can be made shorter and must be shorter for FCAC2X1M.

3. Use two #12-24 x 3/8" Phillips tapping screws (G) to secure upright (with flag) (E) to center frame (B). (See Figure 7)
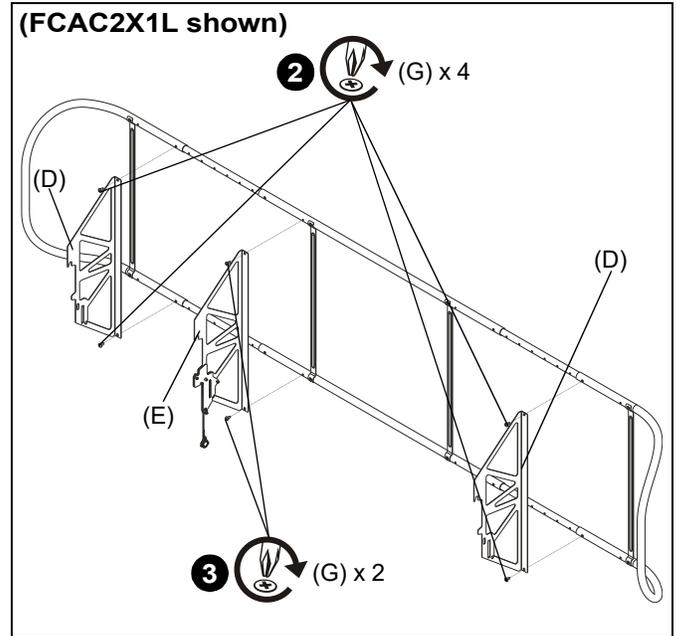

(FCAC2X1L shown)

2 (G) x 4

(D)

(D)

(E)

3 (G) x 2

Figure 7

4. Use four #12-24 x 3/8" Phillips tapping screws (G) to secure four center joiner tubes (F) to center frame (B). (See Figure 8)

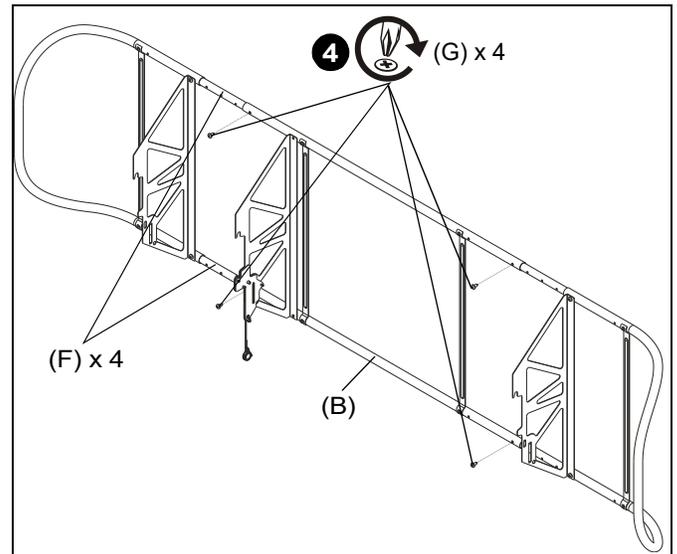**4** (G) x 4

(F) x 4

(B)

Figure 8

5. Proceed to "Cover Installation" Section.

FCAC3X1M/FCAC3X1L

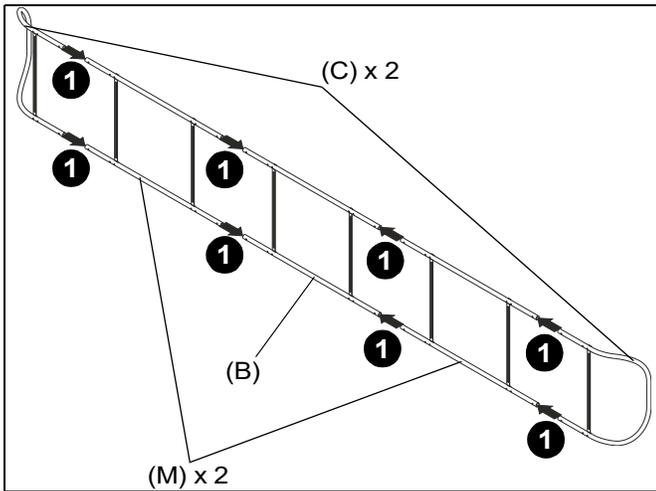1. Slide together two outside frames (C), two extension frames (M) and center frame (B). (See Figure 9)

Figure 9

NOTE: If there are any possible obstructions on back of display that could interfere with uprights (D and E) installation, measure where they will occur so uprights can be attached accordingly. Uprights without flags (D) can be installed in Step 2 as shown or separately in any available holes in extension frames (M).

2. Use six #12-24 x 3/8" Phillips tapping screws (G) to secure three uprights (without flags) (D) to outside frames (C), extension frames (M) and center frame (B). (See Figure 10)

NOTE: Example shown (See Figure 10) is to assemble a maximum length frame. Frame can be made shorter and must be shorter for FCAC3X1M.

3. Use two #12-24 x 3/8" Phillips tapping screws (G) to secure upright (with flag) (E) to center frame (B). (See Figure 10)
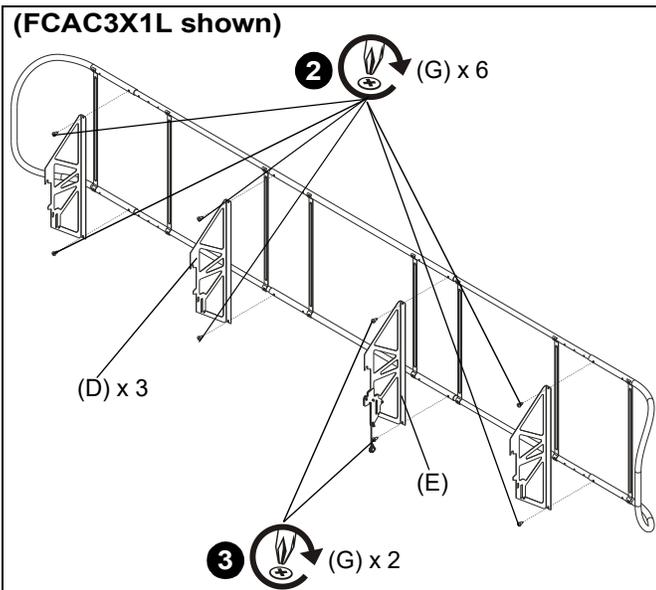

Figure 10

Fabric Cover Installation

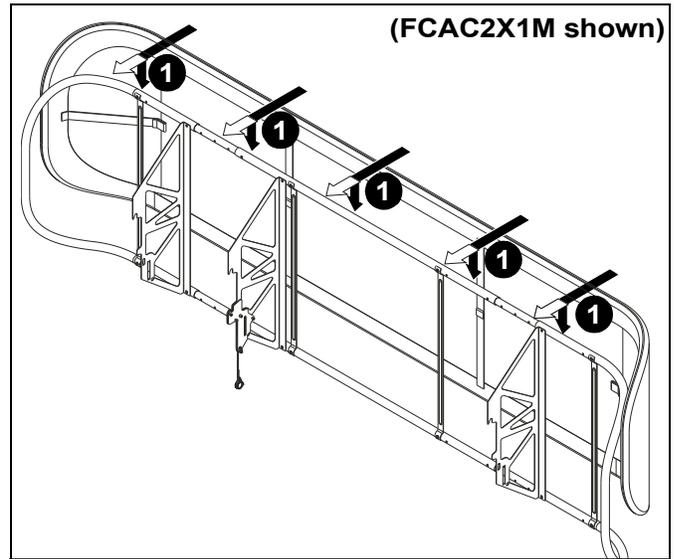1. Wrap fabric cover (A) over assembled frame. (See Figure 11)

Figure 11

2. Wrap outside straps around outside vertical rails on frame. (See Figure 12)

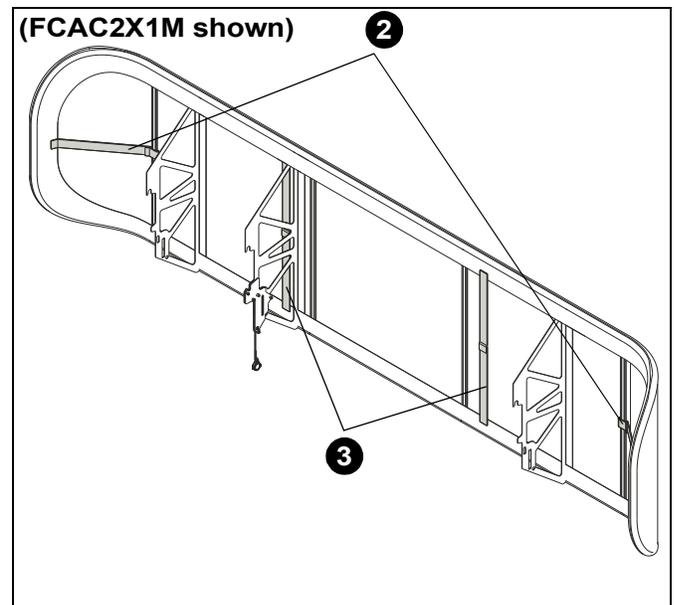3. Fasten vertical straps within cover to ensure a snug fit over frame. (See Figure 12)

Figure 12

Installation to Display Mount

FCAC1L

1. Use four 5/16-18 x 3/4" button head cap screws (K) to secure LCM upright adapter (J) to back of LCM mount. (See Figure 13)
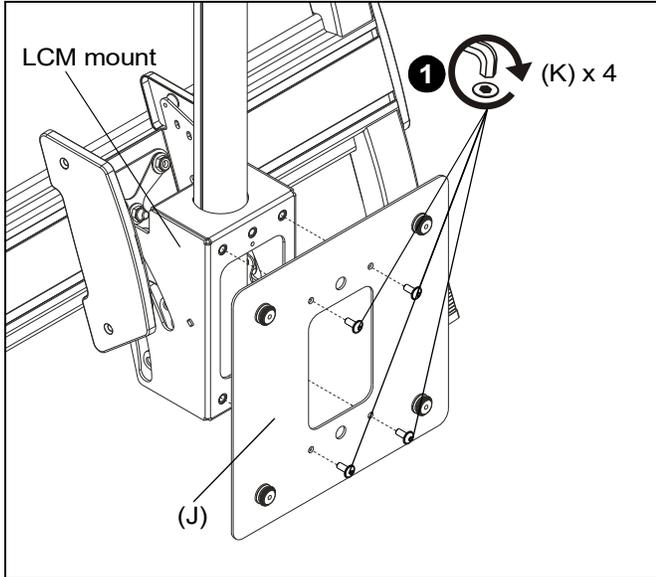

Figure 13

2. Make sure mounting flag on LCM upright (H) is in the "open" position. (See Figure 14)

3. Hang LCM upright (H) onto mounting buttons on back of LCM upright adapter (J). (See Figure 14)

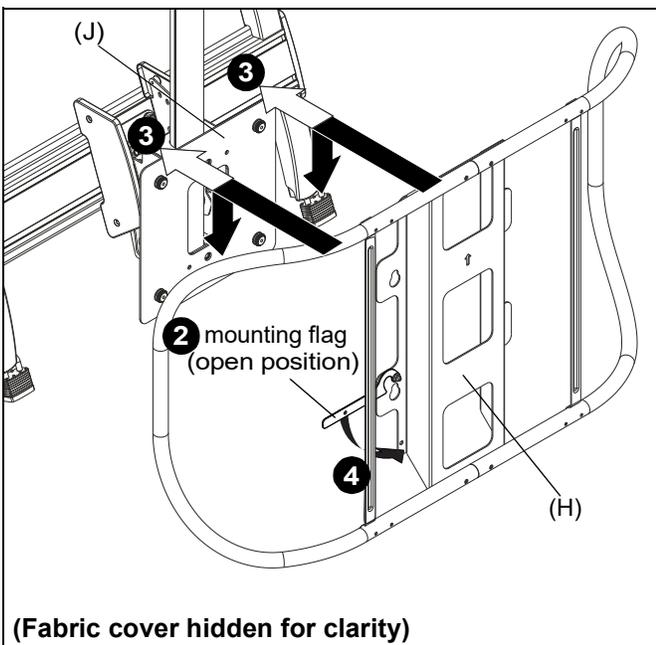4. Move mounting flag on LCM upright to the "closed" position. (See Figure 14)

(Fabric cover hidden for clarity)

Figure 14

FCAC1X/FCAC2X1M/FCAC2X1L/ FCAC3X1M/FCAC3X1L

1. Lift assembled cover onto top edge of mounting rail. (See Figure 15)

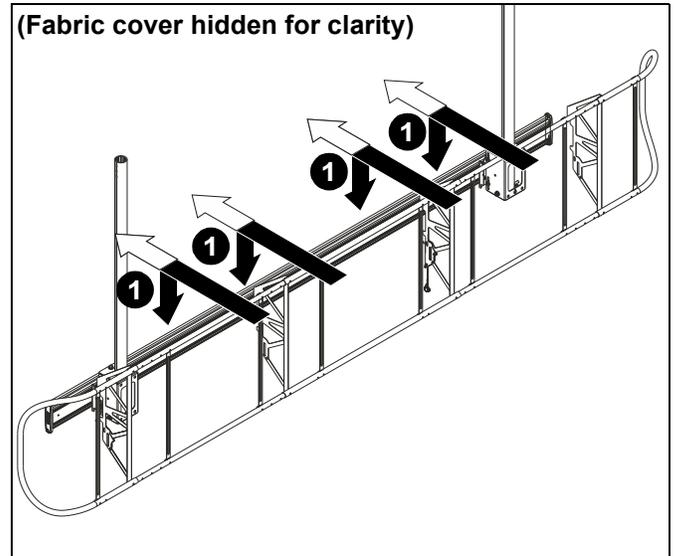**(Fabric cover hidden for clarity)**

Figure 15

2. Pull down mounting flag and pull under lower edge of mounting rail. (See Figure 16)

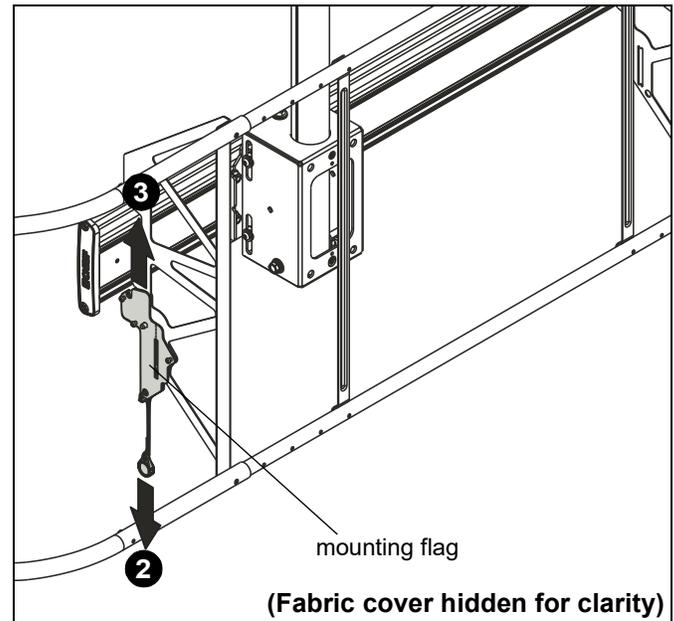3. Release mounting flag to secure cover to rail. (See Figure 16)

(Fabric cover hidden for clarity)

Figure 16

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	F	+31 (0) 495 580 845
Asia Pacific	**A**	Office No. 918 on 9/F, Shatin Galleria
		18-24 Shan Mei Street
		Fotan, Shatin, Hong Kong
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	F	852 2145 4477

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