

Overview



If you have any difficulties installing or servicing your SmartTrim, call your dealer or Draper, Inc.

Important Safety Information



Improper installation and use of SmartTrim can result in serious injury or death. Primarily, injuries can occur when the SmartTrim falls due to imprecise installation, mishandling of the SmartTrim during installation or installation on an insufficient wall or ceiling structure. Please use extreme care.

1. Please read the following installation guidelines thoroughly and follow them carefully. Failure to do so may cause product to fall or otherwise fail, and could result in serious injury.
2. Installation and calibration of the SmartTrim should only be performed by an authorized, qualified, and experienced professional. In particular, electrical work and wiring [indicated in diagram by dashed lines] must be completed only by a qualified professional electrician who has read this manual completely and is familiar with the construction and operation of this equipment and the hazards involved.
3. Turn off power and any nearby equipment or cables carrying electricity before connecting switches, wires, controls, or electrical components.
4. Do not affix the unit to wall or ceilings that have inadequate strength to permanently hold the unit during use. It is the owner's and installer's responsibility to confirm the wall to which the unit attaches is sufficient to permanently hold the weight and stress loads of the unit at all times. Draper, Inc., is not responsible for improper installation, application, testing or workmanship related to the product at place of installation.
5. It is the installer's responsibility to make sure appropriate fasteners are used for mounting.
6. All brackets and other hardware must be installed level. SmartTrim must be level and square.
7. Never leave the area while operating the SmartTrim during installation, maintenance, or normal operation, unless it is secure and safe.
8. Before testing or operation, carefully inspect the entire area and areas underneath to be sure no persons or objects are in the area.
9. During testing or operation, carefully watch the surrounding area for any potential safety concerns including nearby persons or objects.
10. After installation, the entire system should be carefully tested to ensure safe and normal operation. Extreme care should be taken during testing to remain clear of moving parts to avoid possible injury.
11. Installation and maintenance of SmartTrim should be performed only by authorized and qualified personnel, who have been trained in the safe and effective operation of the SmartTrim & understand its safety features.
12. The safety features of the SmartTrim should never be disabled, bypassed or overridden. The system should not be operated until all safety features are properly and completely installed, calibrated and tested.
13. SmartTrim may need to comply with local, state or district rules and regulations, in particular when installed in schools. All applicable rules and regulations should be reviewed before installation and use.
14. Failure to precisely follow installation guidelines invalidates all warranties.
15. Custom products/installations may not be reflected in this manual. Call Draper, Inc., if you have questions about the installation of custom products or any questions about your installation.

Before Beginning Installation

1. Look for any job site conditions that could interfere with installation or operation of the system.
2. Read carefully and be sure to understand all installation instructions and all related operations manuals. These instructions are intended to as a guide for the installer and owner. They should be followed closely and combined with the expertise of experienced qualified installers. Draper, Inc., is not responsible for improper installation, application, testing or workmanship related to the product at place of installation. Please retain all instructions for future use.
3. Open cartons lengthwise.
4. Locate and lay out all pieces.
5. Inspect all boxes to make sure you have received the proper SmartTrim and parts.
6. If you have any difficulties with installing, servicing or operating your SmartTrim, call your dealer or Draper, Inc., 765 987-7999.

Section 1 - Personnel and Tools Required

PERSONNEL REQUIRED

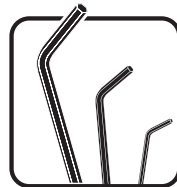


TOOLS REQUIRED



**Barco Unisee
Service Tool**

OR



No. 5 HEX WRENCH

Section 2 - **SmartTrim Components List**

Standard Parts for all installations

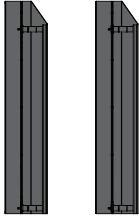
Top Left Trim - (1x)
CC287.036SA



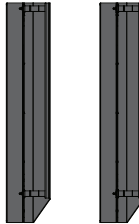
Top Right Trim - (1x)
CC287.038SA



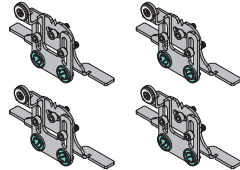
Corner Vertical Trim A - (2x)
CC287.041SA



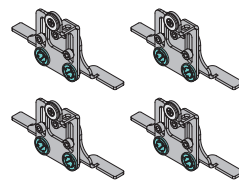
Corner Vertical Trim B - (2x)
CC287.039SA



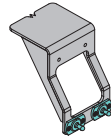
Corner Trim Brackets - (4x)
C002.1553SA



Corner Trim Brackets - (4x)
C002.1552SA



Bracket Alignment Tool - (1x)
C002.1555SA



Bracket Fasteners [M6x20] - (12x)

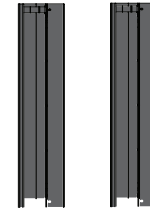


Bracket Washers - (12x)



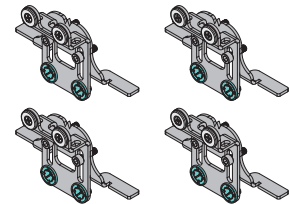
For installations larger than 2 x 2

Top Horizontal Trim - (varies)
CC287.037SA



Middle Vertical Trim - (varies)
CC287.040SA

Edge Trim Brackets - (varies)
C002.1554SA



Bottom Left Trim - (1x)
CC287.044SA



Bottom Right Trim - (1x)
CC287.042SA

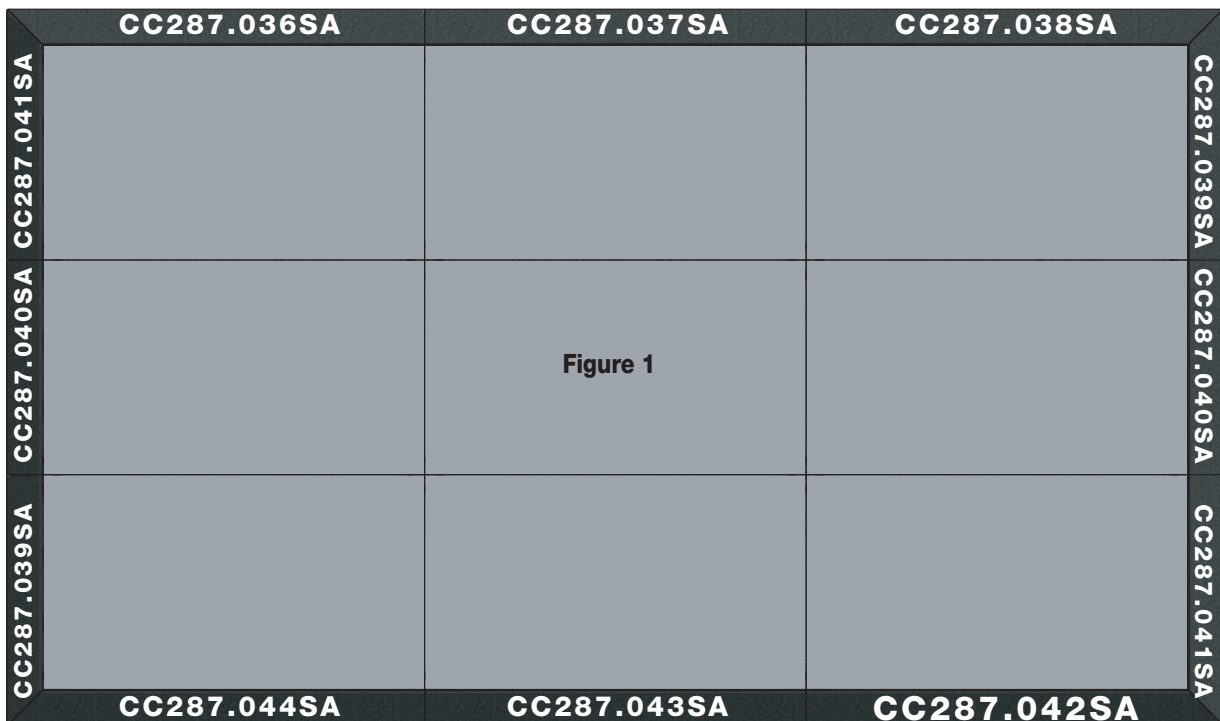


Bottom Horizontal Trim - (varies)
CC287.043SA



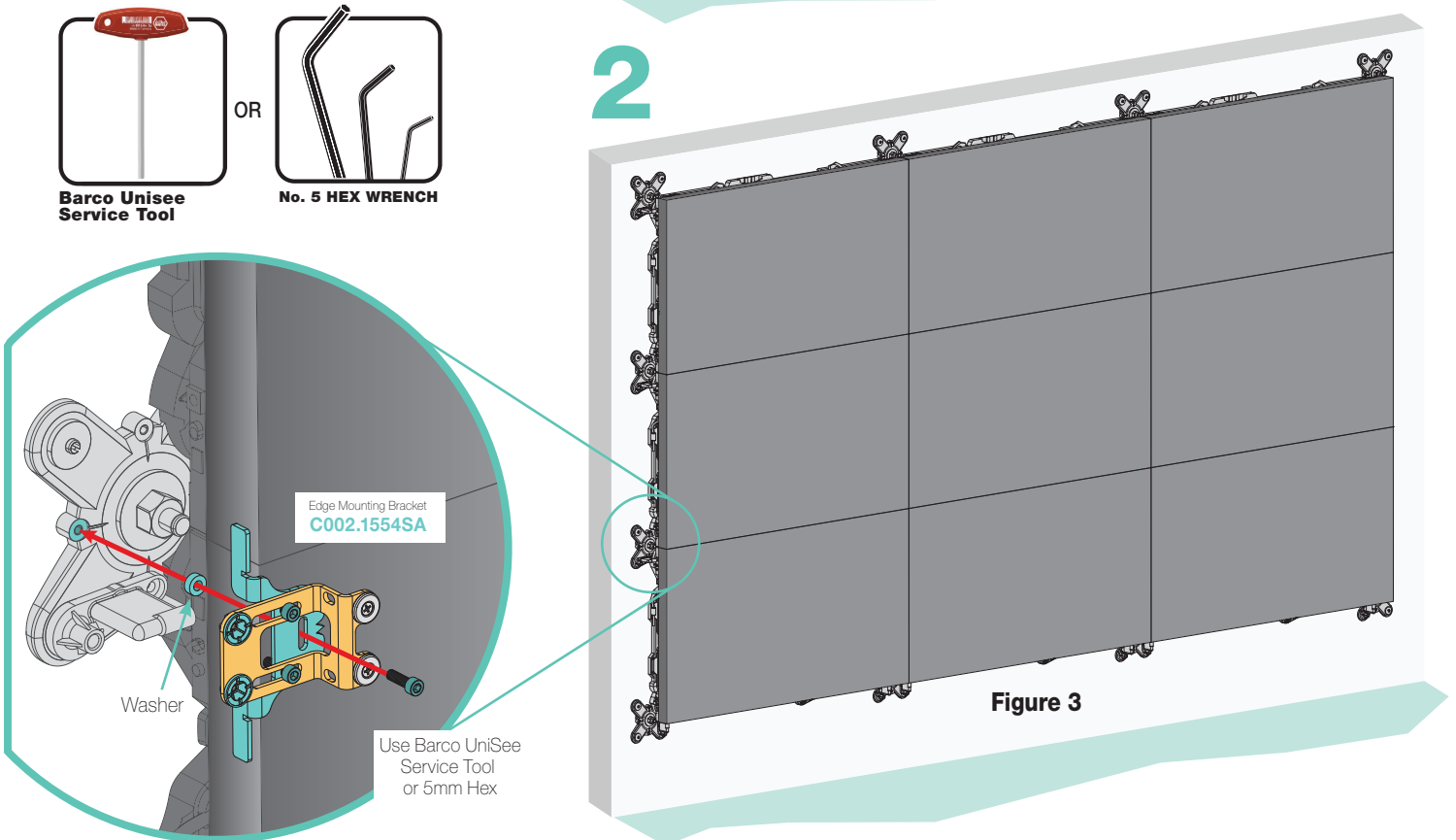
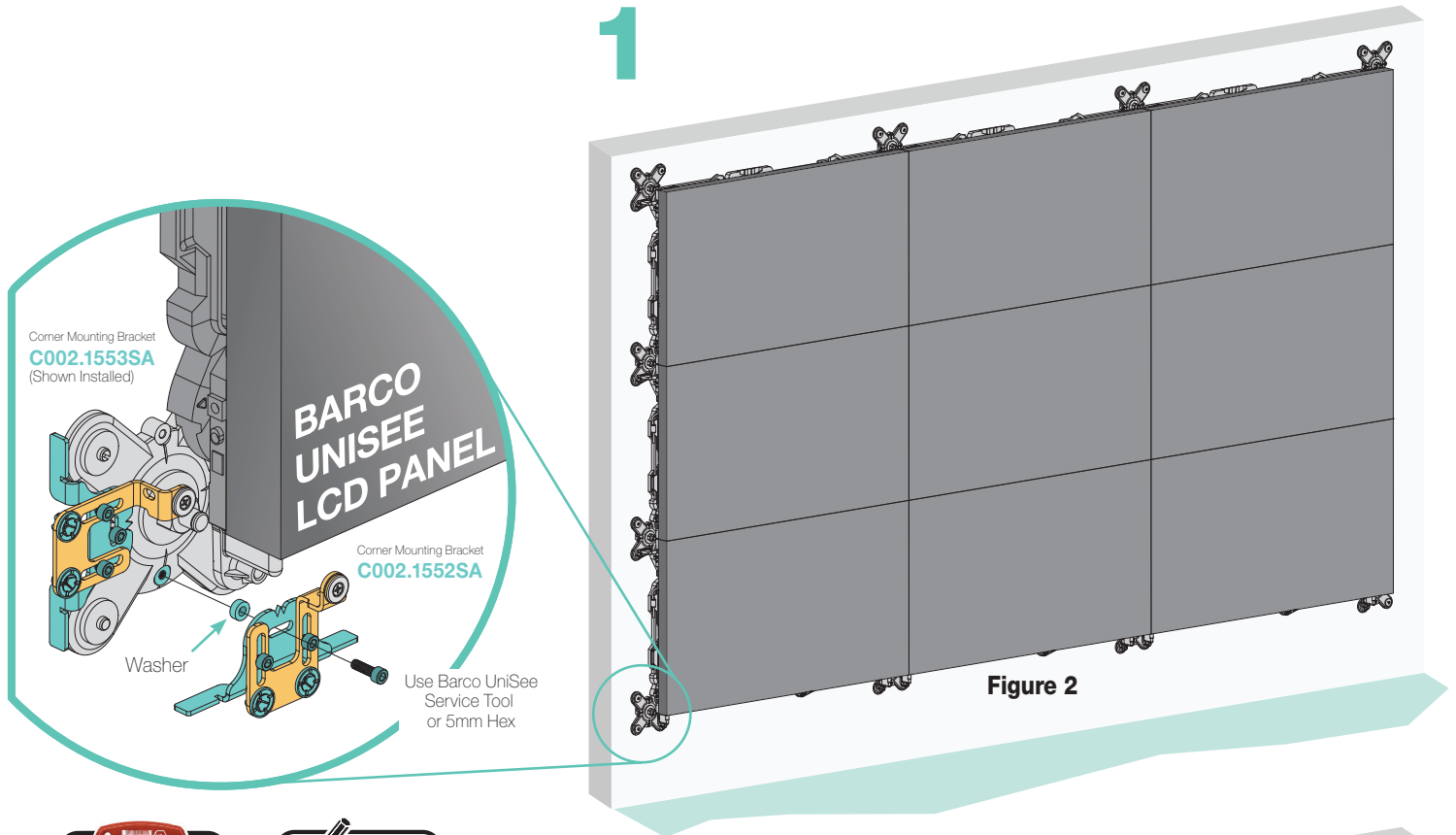
Section 3 - **SmartTrim Panel Map**

⚠ Caution: UniSee LCD Display wall must be properly assembled, aligned on all axes and level.



Section 4 - **Attaching SmartTrim Brackets to Barco UniSee**

⚠ Caution: UniSee LCD Display wall must be properly assembled, aligned on all axes and level.



Section 5 - **Attaching SmartTrim section to SmartTrim Brackets**

1. Insert the two (2) guide pins on the SmartTrim section into the receivers on the adjustable mounting brackets. SmartTrim will snap into place against the side of the LCD panels.

Please Note: If there are any gaps between the SmartTrim and the LCD panels, or SmartTrim section will not fit, refer to Section 6 - Adjusting SmartTrim Brackets on page 6.

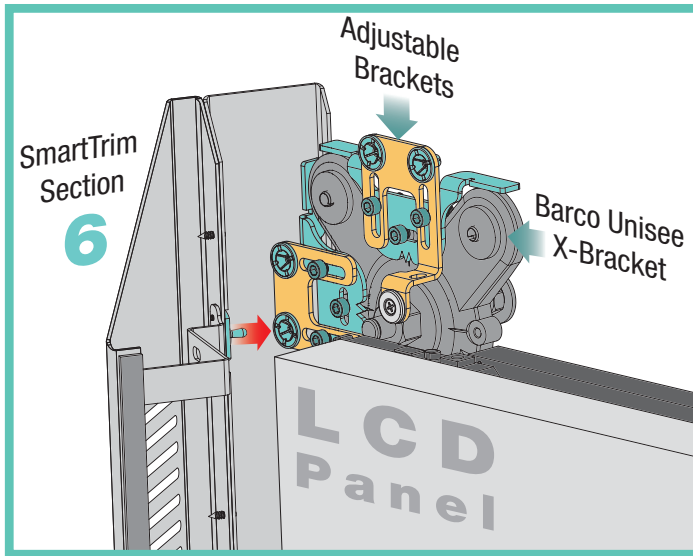
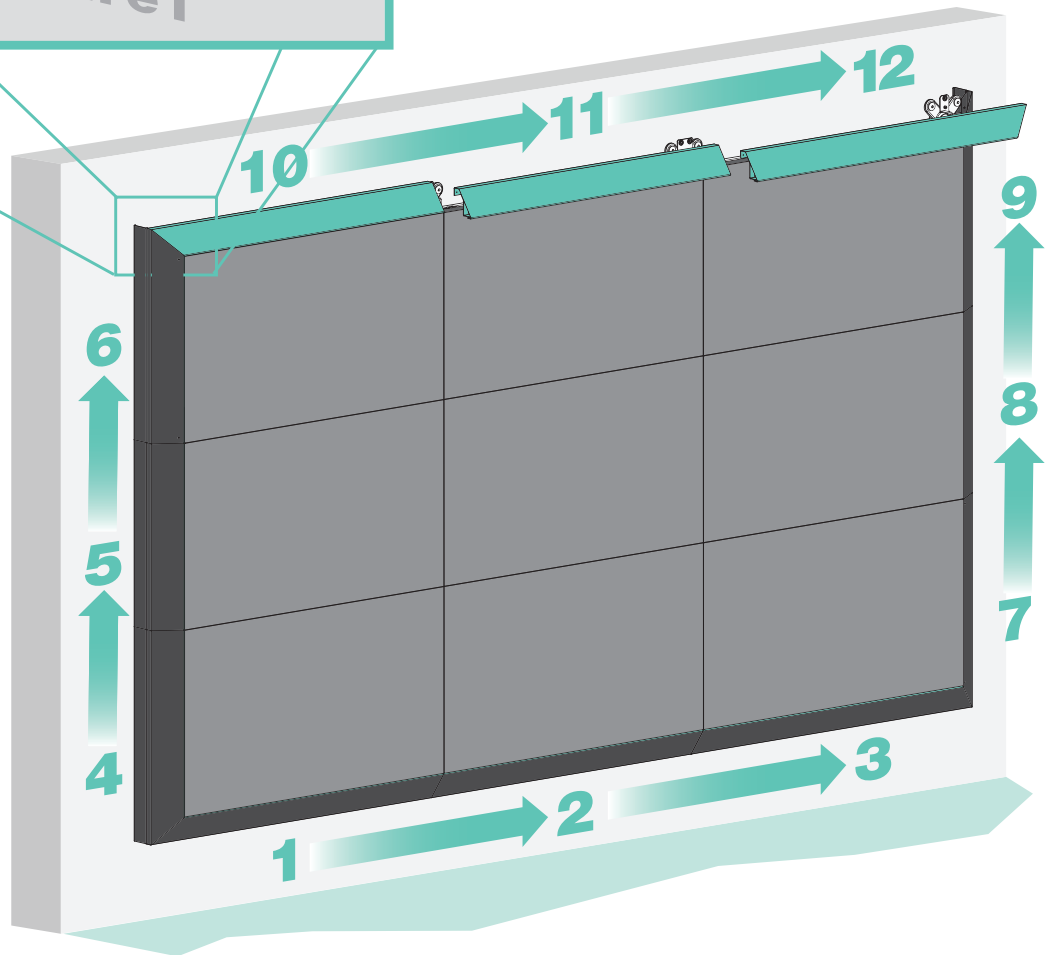


Figure 4



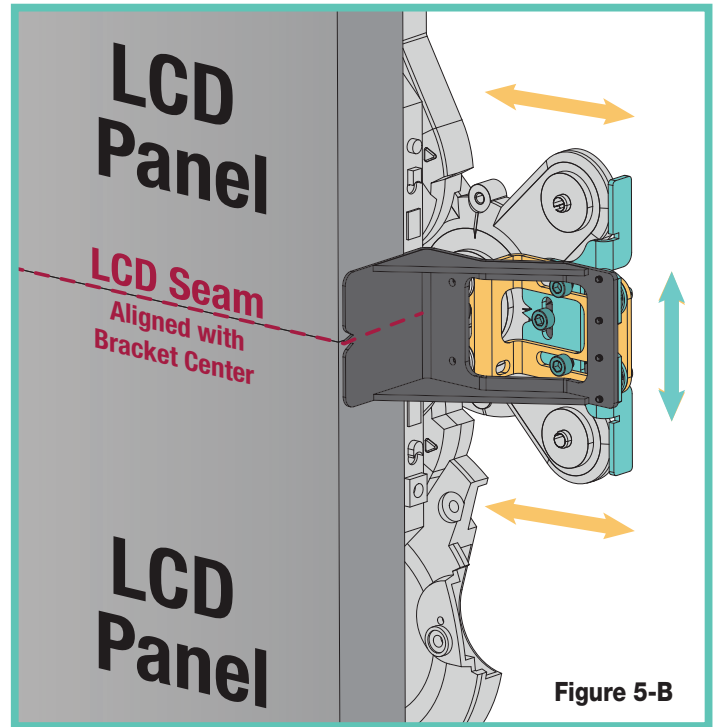
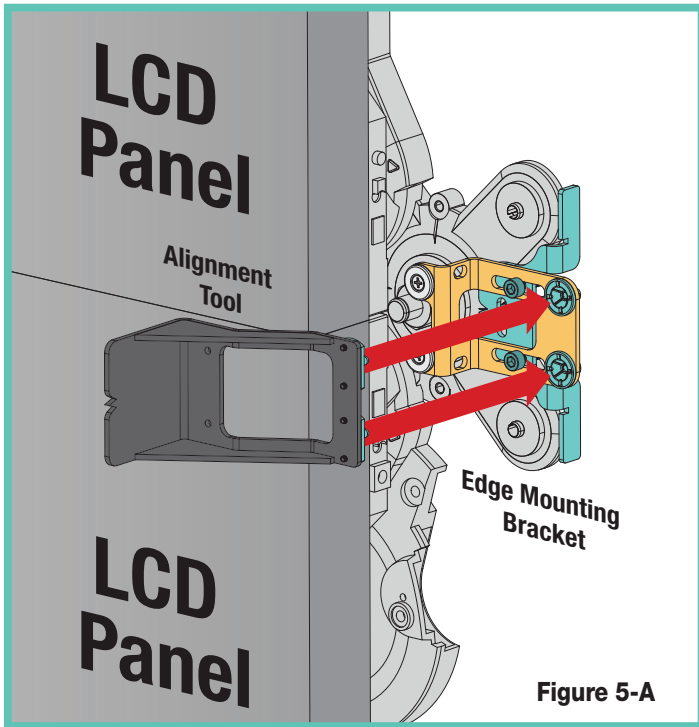
Section 6 - **Adjusting SmartTrim Brackets**

Please Note: Figures 5-A thru 5-C below show an edge bracket on the side of the UniSee. The same procedure shown below should be used on the top and corners.

SmartTrim Adjustable Bracket is always aligned with the vertical center of the UniSee Wall Cross.

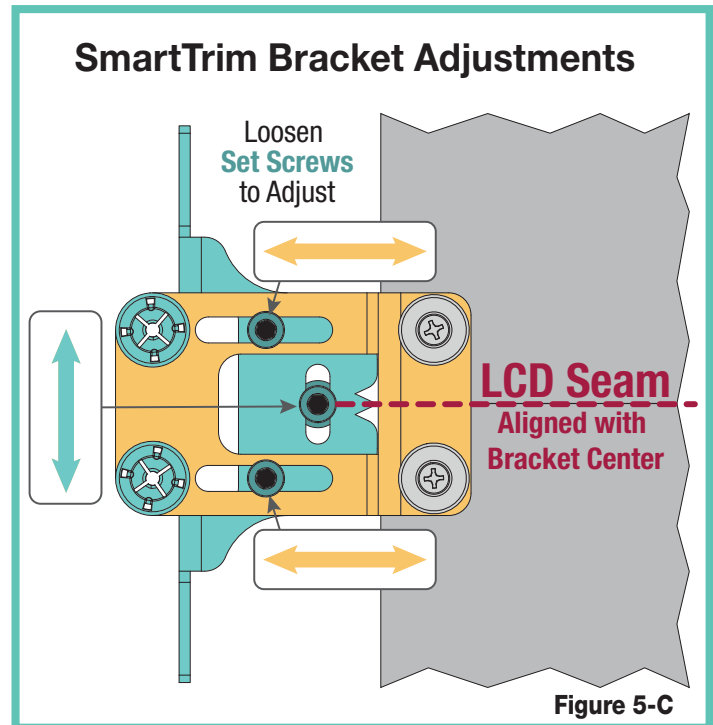
During installation of the UniSee Video Wall, the position of the LCD seam may have moved in relation to the Wall Cross.

Draper SmartTrim adjustable brackets are designed to move both vertically and horizontally to ensure realignment with the LCD Panels.



To adjust the SmartTrim Brackets:

1. Attach the alignment tool to the SmartTrim Bracket (see Fig. 5-A).
2. Ensure that the notch aligns with the seam of the LCD panel (see Fig. 5-B).
If the notch does not align with the seam, loosen the set screws in the bracket (see Fig. 5-C) and reposition the bracket until it is aligned (see Fig. 5-B).
3. Once aligned, retighten set screws.
4. Repeat until all brackets are aligned with the closest LCD seam.
5. Install the SmartTrim sections according to Section 5 - Attaching SmartTrim sections to SmartTrim Brackets



Section 7 - Removing SmartTrim Panels

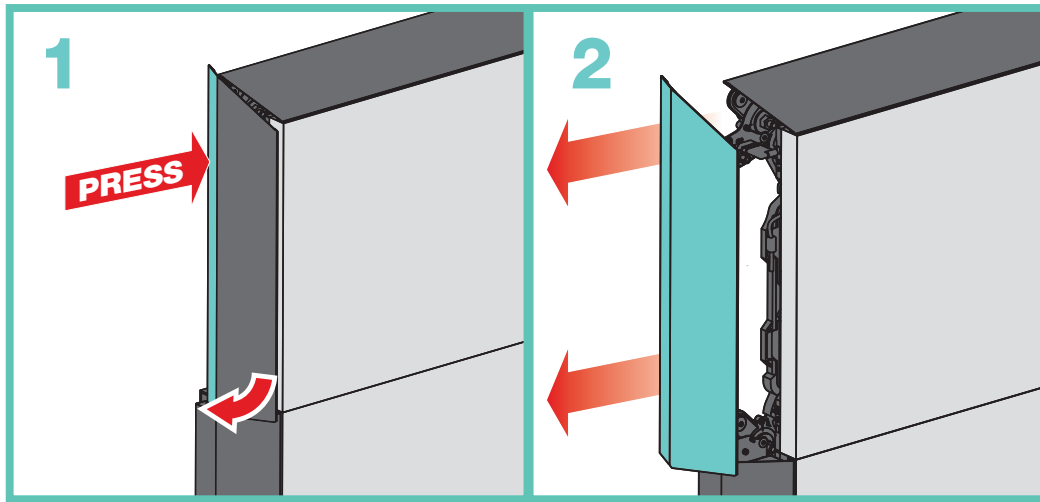
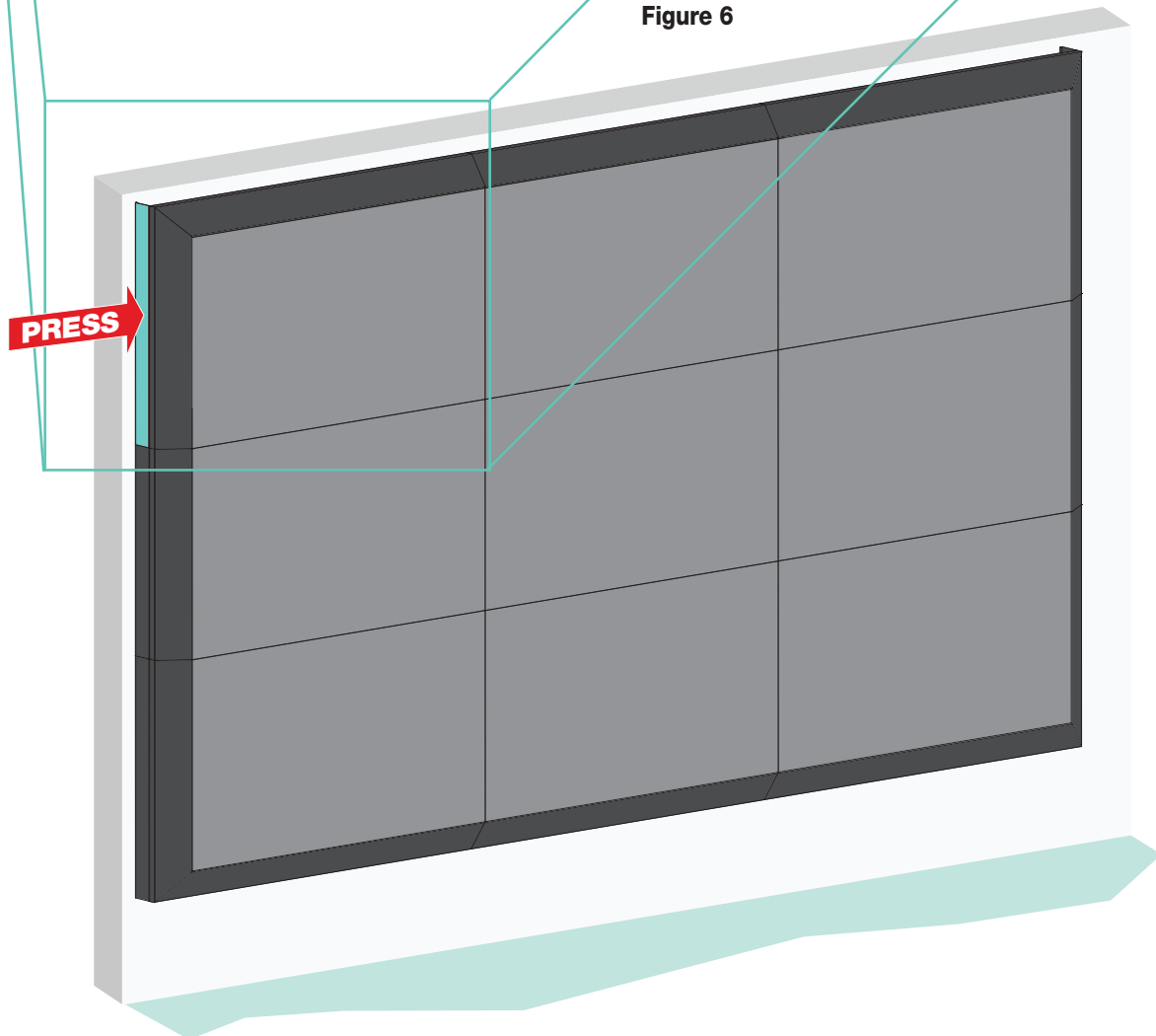


Figure 6



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