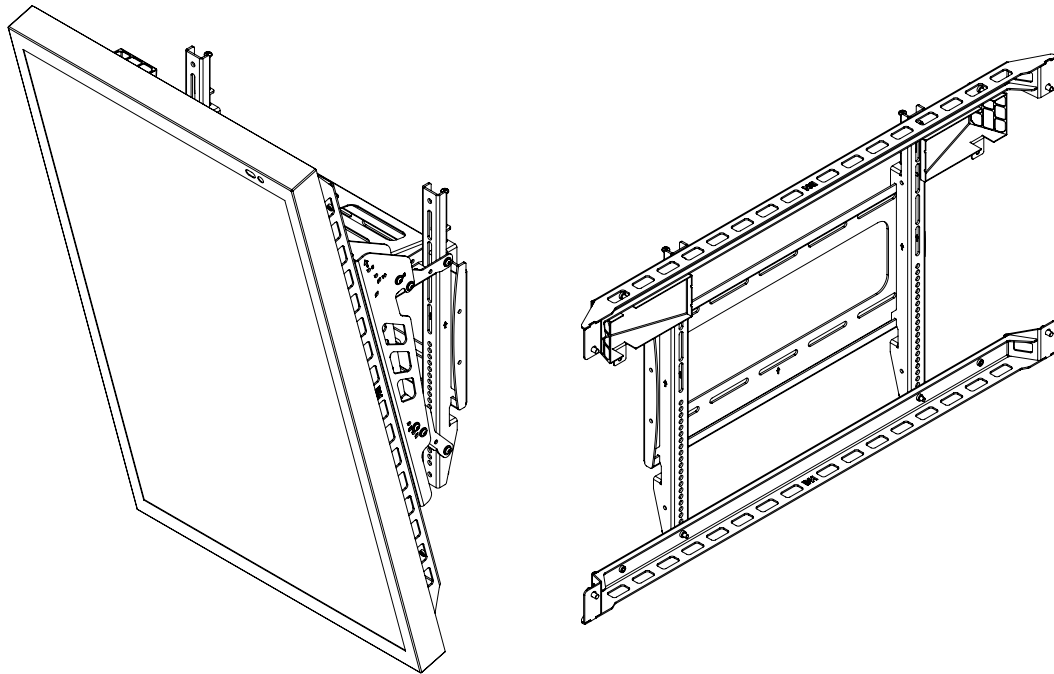


# 7170-1107

## Installation Guide

### Outdoor Flat/Tilt Wall Mount For LG49 XE4F



INST-1234 REV A



## BASIC INFORMATION

Wall mount model	7170-1107-00 (flat) 7170-1107-01 (Tilt)
Display Model	LG 49 XE4F
Installation Configuration	Landscape Portrait
Tilt feature	Available by model Manual Tilt at 0 deg (flat), 5 deg, 10 deg , 15 deg
Environment Temperature	Negative 30 Celsius to 50 Celsius, 24/7 operation
Wall application	Solid concrete, Hollow Brick, or 3/4" plywood-backed wall

## INSTALLATION ENVIRONMENT

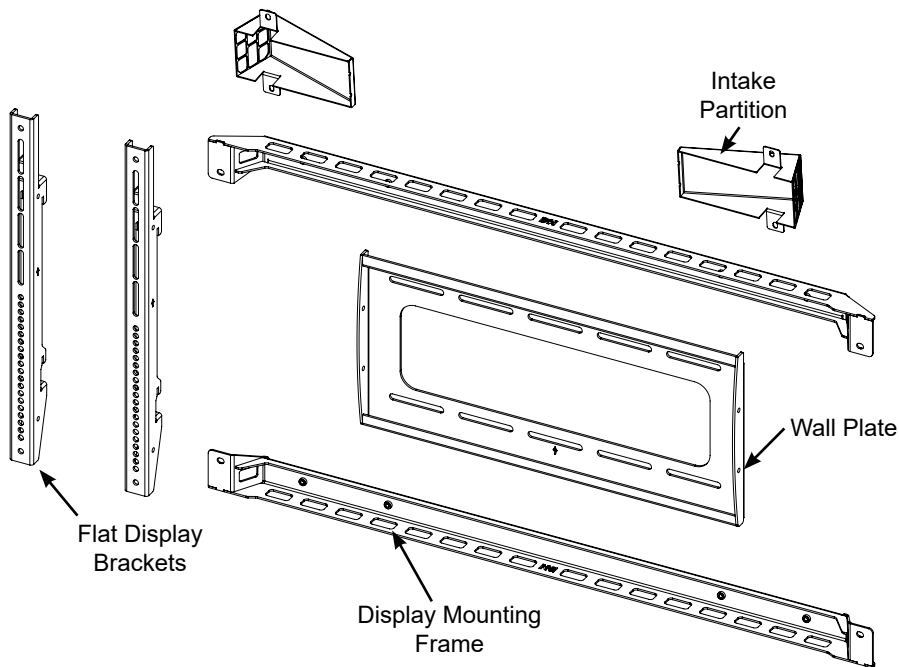
Coastal	Must not be placed in areas where seawater is accessible
Wind	Must not be placed in areas with strong winds caused by storms or other natural phenomenon
Snow	Awning or cover is needed to avoid snow piling directly onto inlet
Iron Dust	Suitable, (e.g. train or subway station)

## ENCLOSED OR RECESS AREA

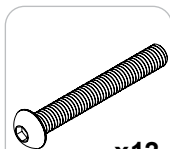
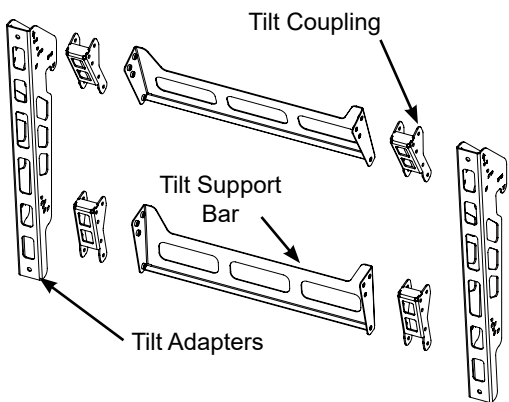
Clearance	40mm (1.57") minimum all around
Additional front glass	Prohibited in any enclosed area



CORE COMPONENTS:



TILT ADAPTER (OPTION):

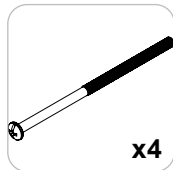


x12  
1/4-20" x 2-1/2"  
Button Head

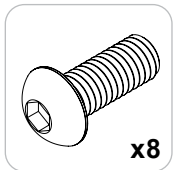


x12  
1/4" Flat Washer

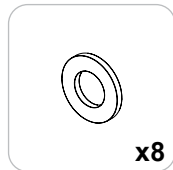
HARDWARE:



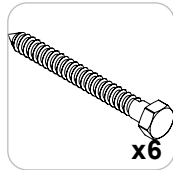
x4  
1/4-20 x 5" Pan  
Head



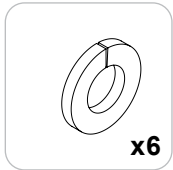
x8  
1/4-20" x 3/4"  
Button Head



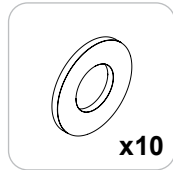
x8  
1/4" Flat Washer



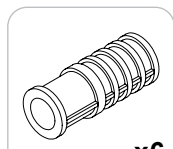
x6  
5/16" x 3" Hex  
Lag



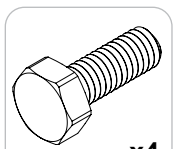
x6  
5/16" Split Lock  
Washer



x10  
5/16" Flat  
Washer



x6  
Shell Expansion  
Anchor



x4  
M8 x 16mm Hex  
Bolt



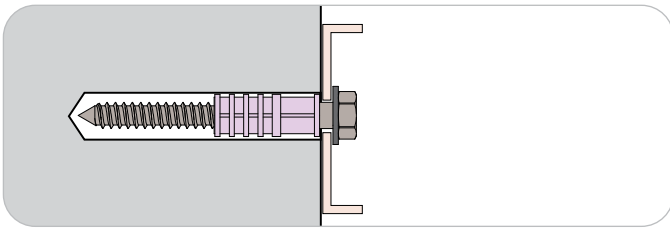
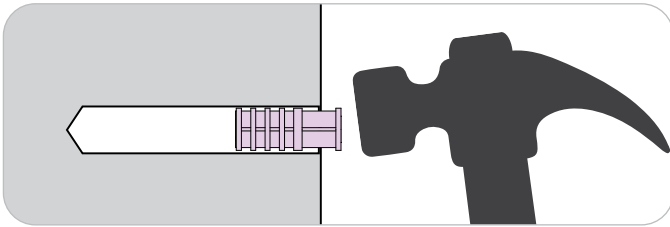
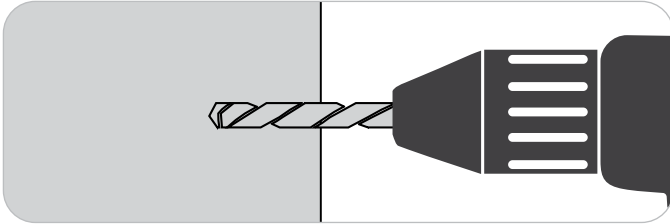
x1  
Lock-it  
Security Barrel





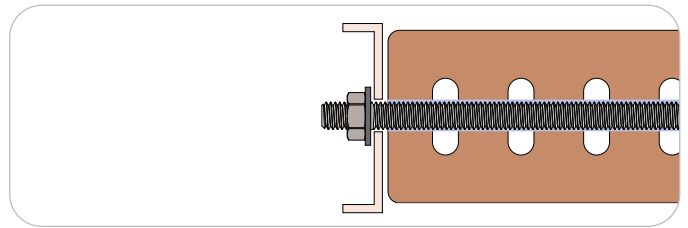
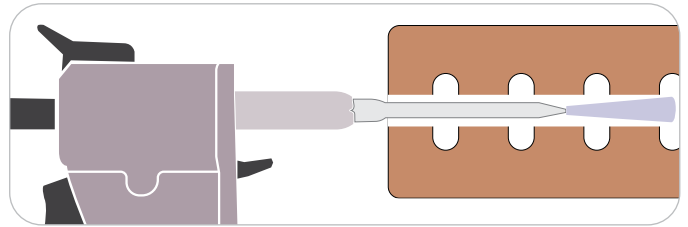
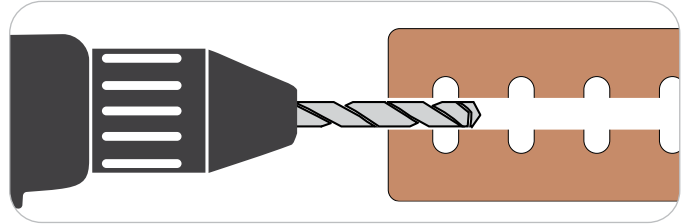
### Solid Concrete/Brick

Use proper mounting guideline per state code.



### Brick (Alternative)

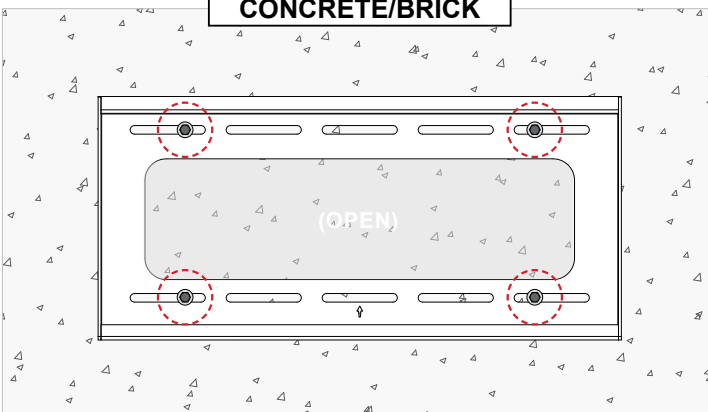
All hardware, threaded rod, epoxy, and other mounting hardware are not supplied. Shown for reference only.



Use diagram shown in next page for positioning the wall plate.

**1a**

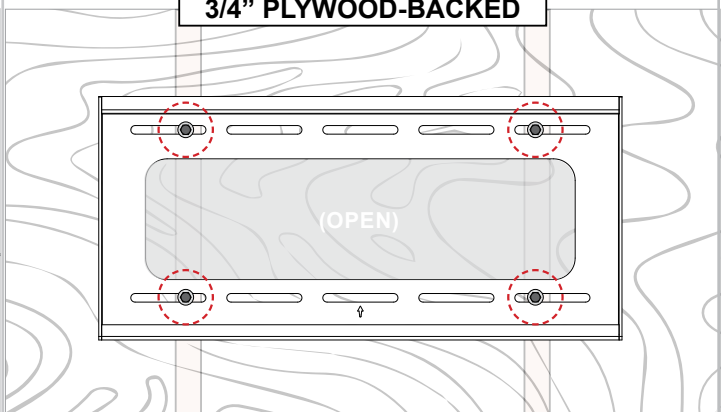
### CONCRETE/BRICK



Requires a minimum of 4 mounting screws. Shell expansion anchors are suitable for both concrete and brick.

**1b**

### 3/4" PLYWOOD-BACKED

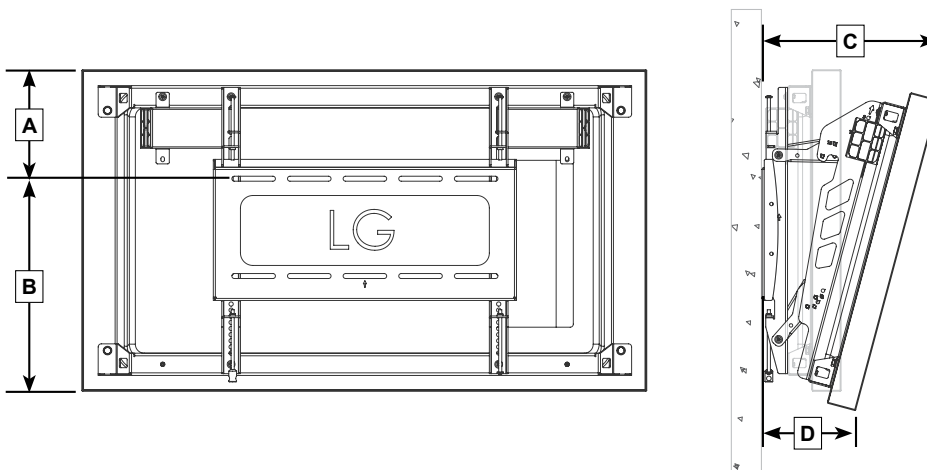


Requires at least 4 mounting screws into wood studs. Shell expansion anchors are not used for this application.



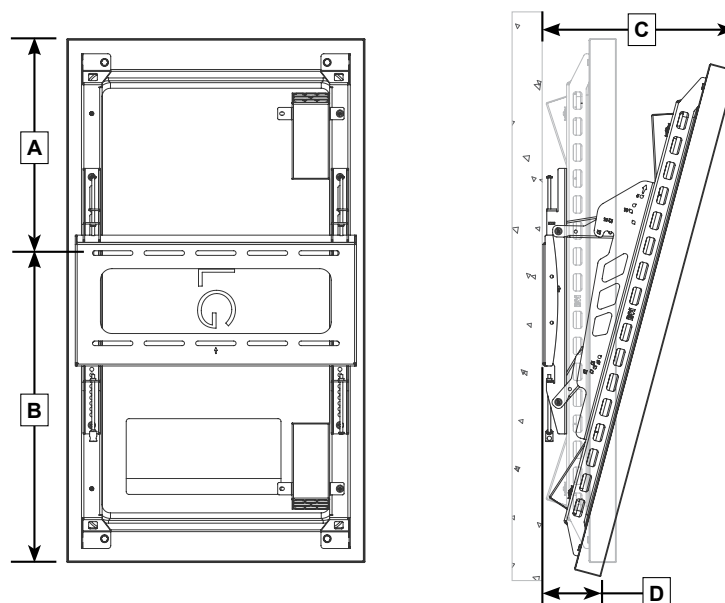
LANDSCAPE

Letter	0 °	5 °	10 °	15 °
A	8.75 [222.3]	8.34 [228]	7.88 [200]	6.90 [175]
B	17.08 [433.9]	17.59 [446.9]	17.94 [455.7]	18.62 [473]
C	6.39 [162.3]	8.99 [228]	11.65 [296]	14.21 [361]
D	6.39 [162.3]	6.75 [172]	7.19 [183]	7.49 [190]



PORTRAIT

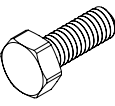
Letter	0 °	5 °	10 °	15 °
A	18.58 [472]	18.13 [460]	17.56 [446]	16.40 [417]
B	26.81 [681]	27.29 [693]	27.54 [699.1]	28.02 [711.7]
C	6.39 [162.3]	9.85 [250]	13.35 [339]	16.76 [426]
D	6.39 [162.3]	5.91 [150]	5.42 [138]	5.05 [128]




**1**

**Torque:**  
12 to 15 kgf/cm  
67 to 84 lbf/in


**4 Places**



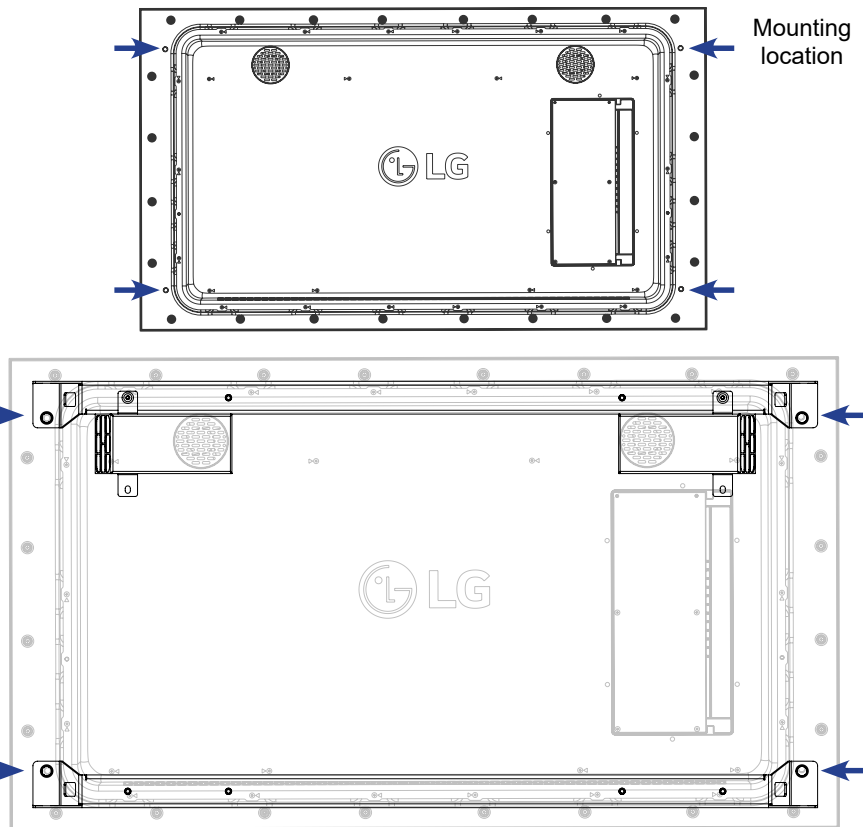
M8 x 16mm  
Hex Bolt



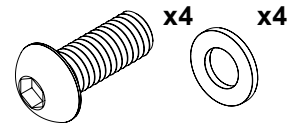
5/16" Split  
Lock Washer



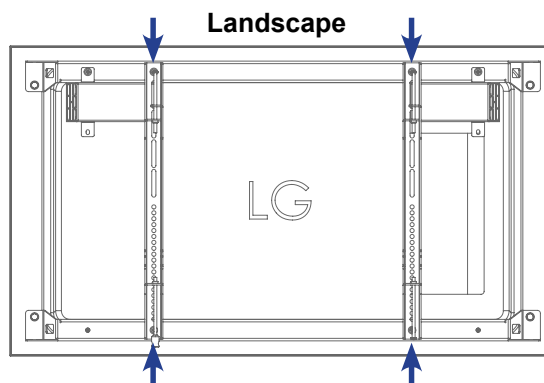
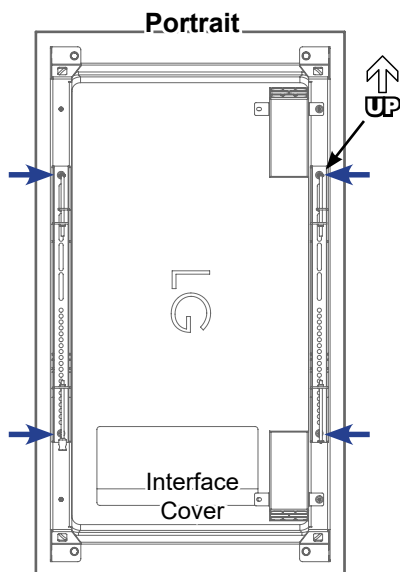
5/16" Flat  
Washer



Install flat or tilt brackets to the mounting frame. The brackets must face the same direction (as indicated by the up arrow) as the display panel. Shown using flat brackets for visual clarity.



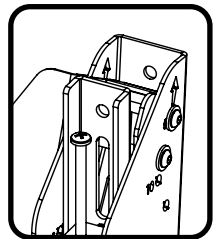
**2**



Both flat and  
tilt brackets  
have the same  
mounting pattern.

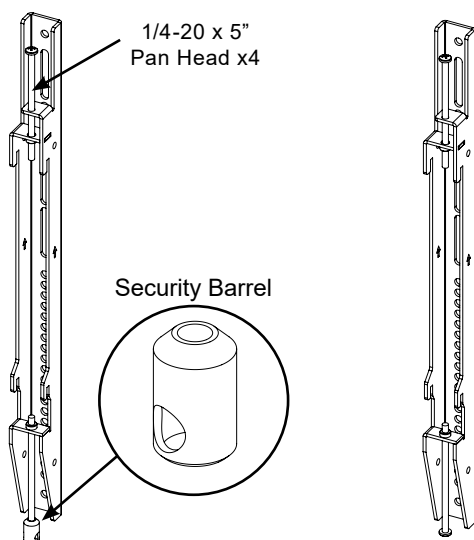


Tilt Bracket B



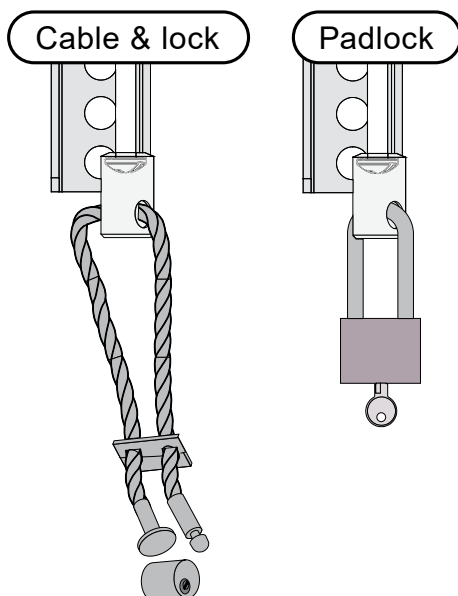
## FLAT BRACKETS

3a



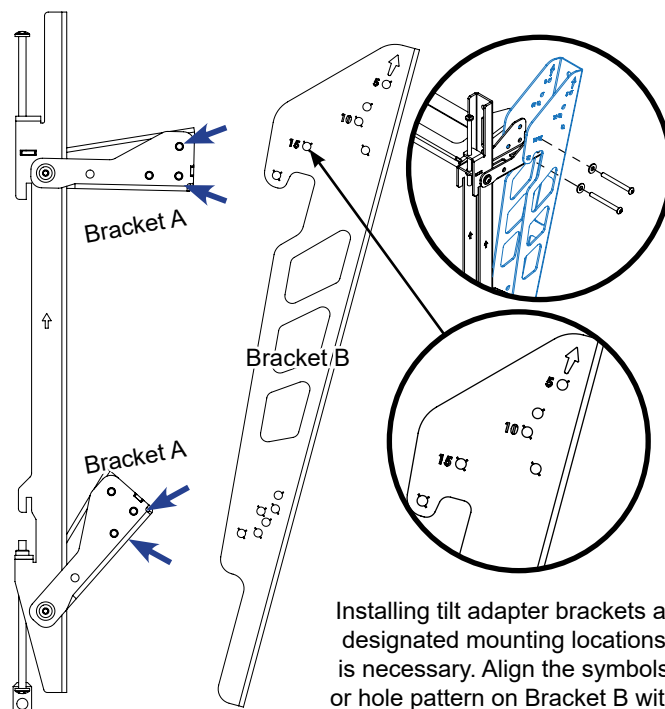
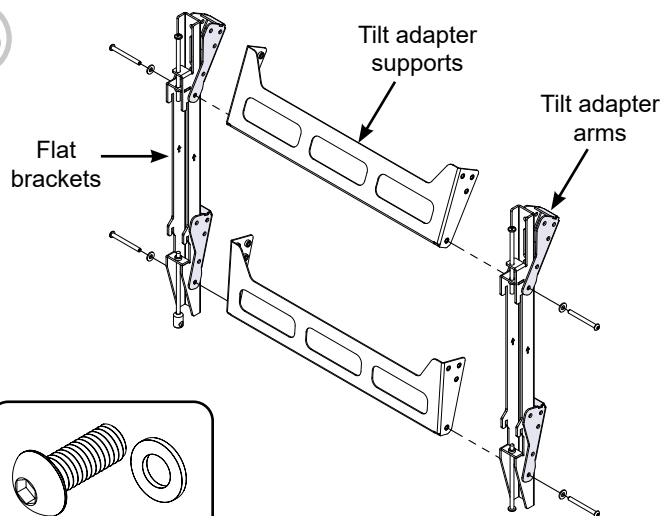
## SECURITY OPTION

Place a lock through the security barrel to block access to the locking screws, preventing the mount from being tampered with or disengaged.



## TILT BRACKETS

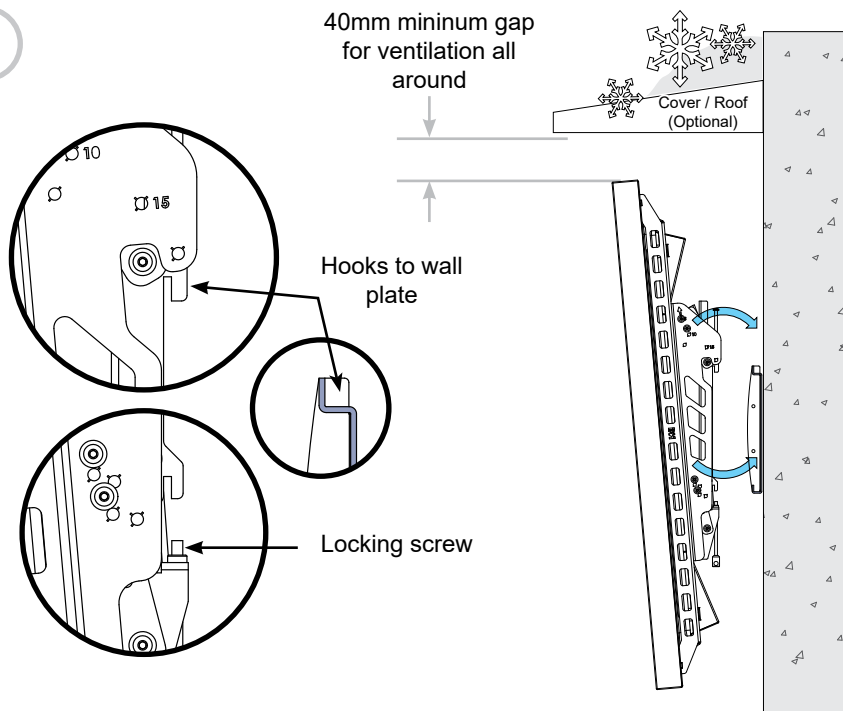
3b



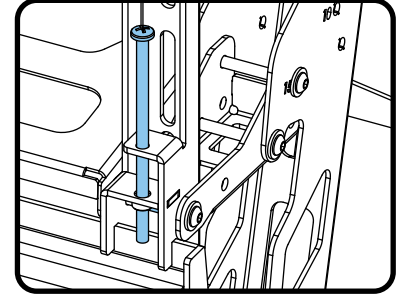
Installing tilt adapter brackets at designated mounting locations is necessary. Align the symbols or hole pattern on Bracket B with the hole pattern on Bracket A.

Degree(s)	Symbols
0°	N/A
5°	1 notch
10°	2 notches
15°	3 notches

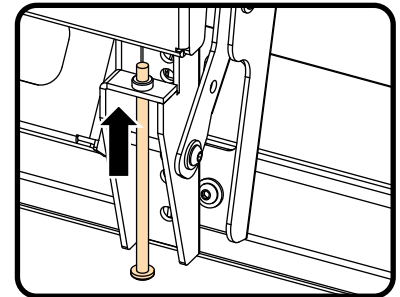
**6**



Post-leveling adjustments (optional)

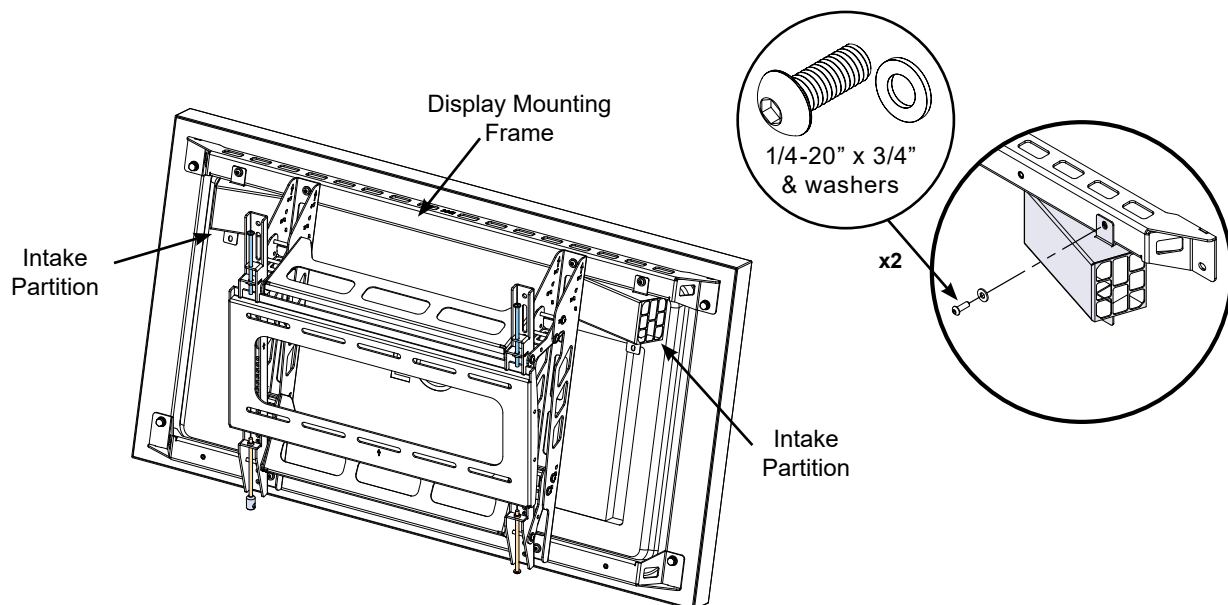


Fully tighten screw to secure after mounting the display brackets



Shown: Portrait at 5 deg tilt

**7**



Shown: Landscape at 15 deg tilt