

Acoustic Baffle Unlit Installation Instructions

Overview

NOTES

- All power connections should be installed according to local/national codes by a Certified Electrician.
- This installation requires **proper support** as each luminaire is being installed.



HELPFUL
VIDEO



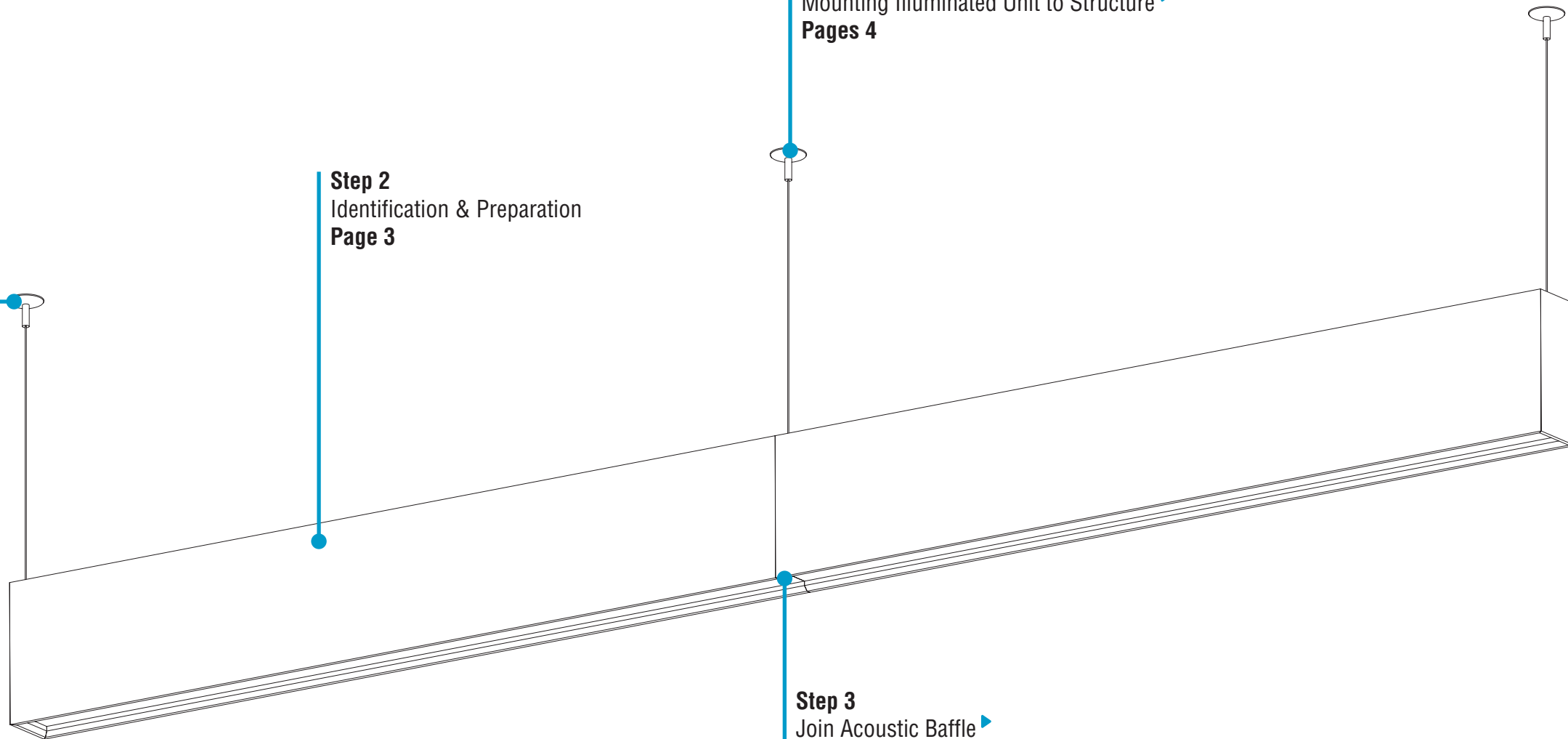
Full Installation
Video

Step 1
Mounting & Suspension
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Step 2
Identification & Preparation
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Step 3
Mounting Illuminated Unit to Structure
Pages 4

Step 3
Join Acoustic Baffle
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Acoustic Baffle Unlit Installation Instructions

Step 1 - Mounting & Suspension

Mounting Options

Option 1 T-Bar Mounting - Caddy Clips

- Install caddy clips at mounting point locations.
- All caddy clips are to be secured to structure, per local building codes.

Option 2 Drywall (C4) or other hard surfaces* - Anchor Bolts

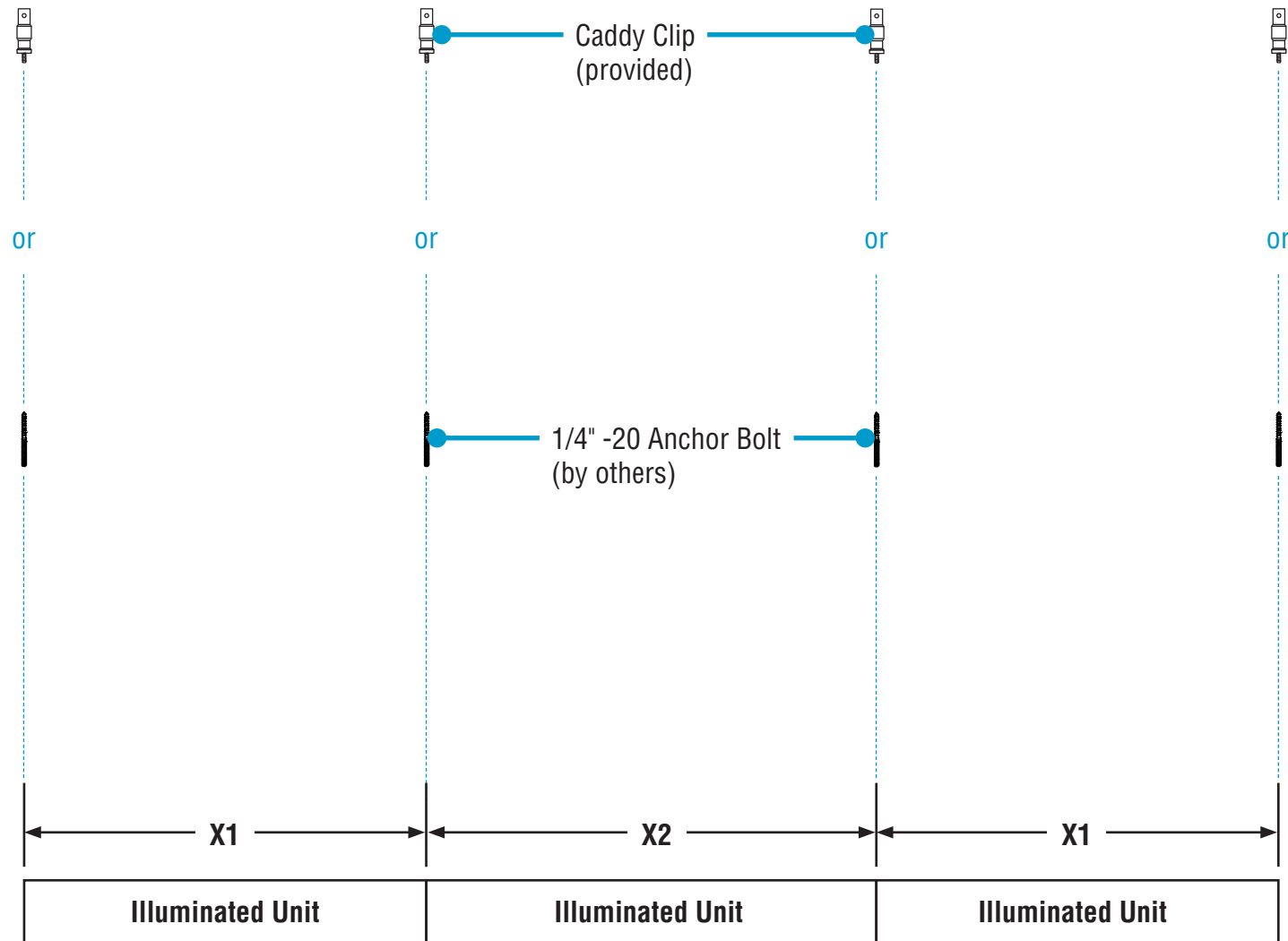
- Install anchor bolts at mounting point locations.
- All anchor bolts are to be secured to structure, per local building codes.

* Other hard surfaces include: wood, sheet metal panels, steel beams, concrete, or masonry. Use hardware appropriate for each surface material type.

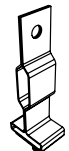
Suspension Locations

X = Suspension Dimensions

Refer to Record Drawings and building plans to determine exact mounting and suspension points.



Mounting Option 1



Caddy Clip
(provided)

Mounting Option 2



1/4\" -20 Anchor Bolt
(by others)

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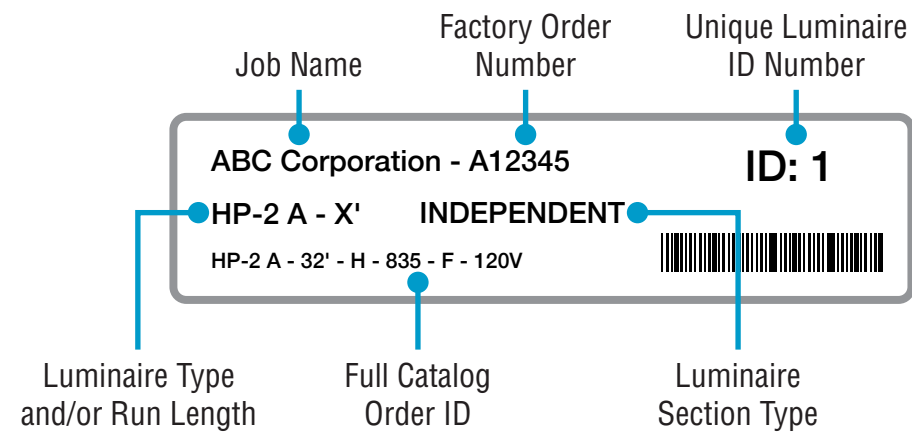
Step 2 - Identification & Preparation

A. Identify Luminaires

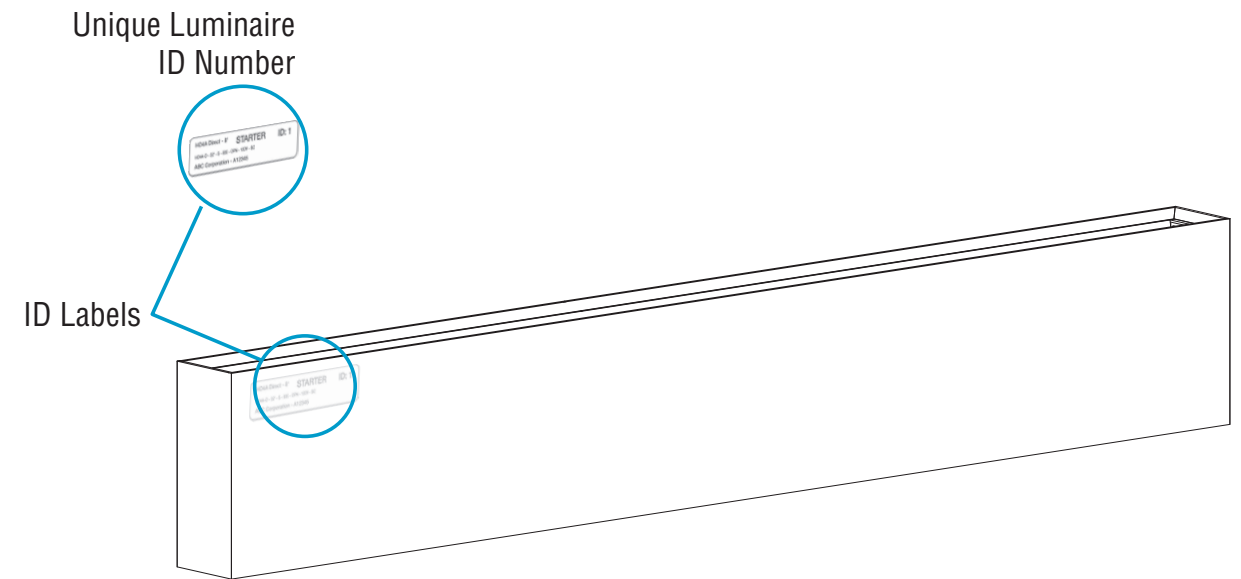


Arrange luminaires in order according to ID# at their install locations.

CAUTION



B. Prepare Acoustic Baffle Top-Down View

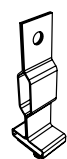


- Identify all Acoustic Baffle by their ID label that can be found on the box.
- **NOTE:** Exact location of labels in these areas may vary.
- Remove all Acoustic Baffle from their box.
- Refer to Record Drawings that can be found in the hardware kit.

Kitted Hardware

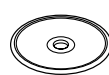
- Finelite has provided items listed here, with their Finelite part numbers. These items can be found in separate boxes shipped with the luminaire.
- Account for all parts and set aside until they are needed.
- All other hardware needed for this installation will be by others.

Mounting Option 1



Caddy Clip

C1 Ceiling - Part# 94001
C2 Ceiling - Part# 94020
C3 Ceiling - Part# 94029
Mounting & Suspension
p. 2, Step 1



2" T-Bar Support Canopy

Part# 89193
Mounting Acoustic Baffle Unlit
p. 4, Step 3
p. 5, Step 4

Mounting Option 2



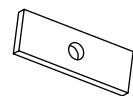
2" Drywall Support Canopy

Part# 94017
Mounting Acoustic Baffle Unlit
p. 4, Step 3
p. 5, Step 4



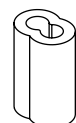
Gripper

Part# 68129
Mounting Acoustic Baffle Unlit
p. 4, Step 3
p. 5, Step 4



Safety Bar

Part# 93500
Mounting Acoustic Baffle Unlit
p. 4, Step 3



Safety Crimp

Part# 94514
Mounting Acoustic Baffle Unlit
p. 4, Step 3



Cable Bushing

Part# 94014

Aircraft Cable

50' - Part# 94515-12 (Std.)
100' - Part# 94515-14
150' - Part# 94515-18
Mounting Acoustic Baffle Unlit
p. 4, Step 3
p. 5, Step 4



Slip Ring w/ Set Screw

Part# 94015
Mounting Acoustic Baffle Unlit
p. 4, Step 3
p. 5, Step 4



1/4" Washer

Part# 92080
Mounting Acoustic Baffle Unlit
p. 4, Step 3
p. 5 & 6, Step 4



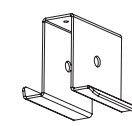
Screw

Part# 94126
Mounting Acoustic Baffle Unlit
p. 4, Step 3



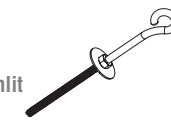
Nut

Part# 94048
Join Acoustic Baffle
p. 5 & 6, Step 4



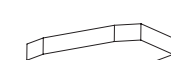
Joiner Support Bracket

Part# 29649
Join Acoustic Baffle
p. 5, Step 4



Joiner Bolt

Part# 92055
Join Acoustic Baffle
p. 5, Step 4



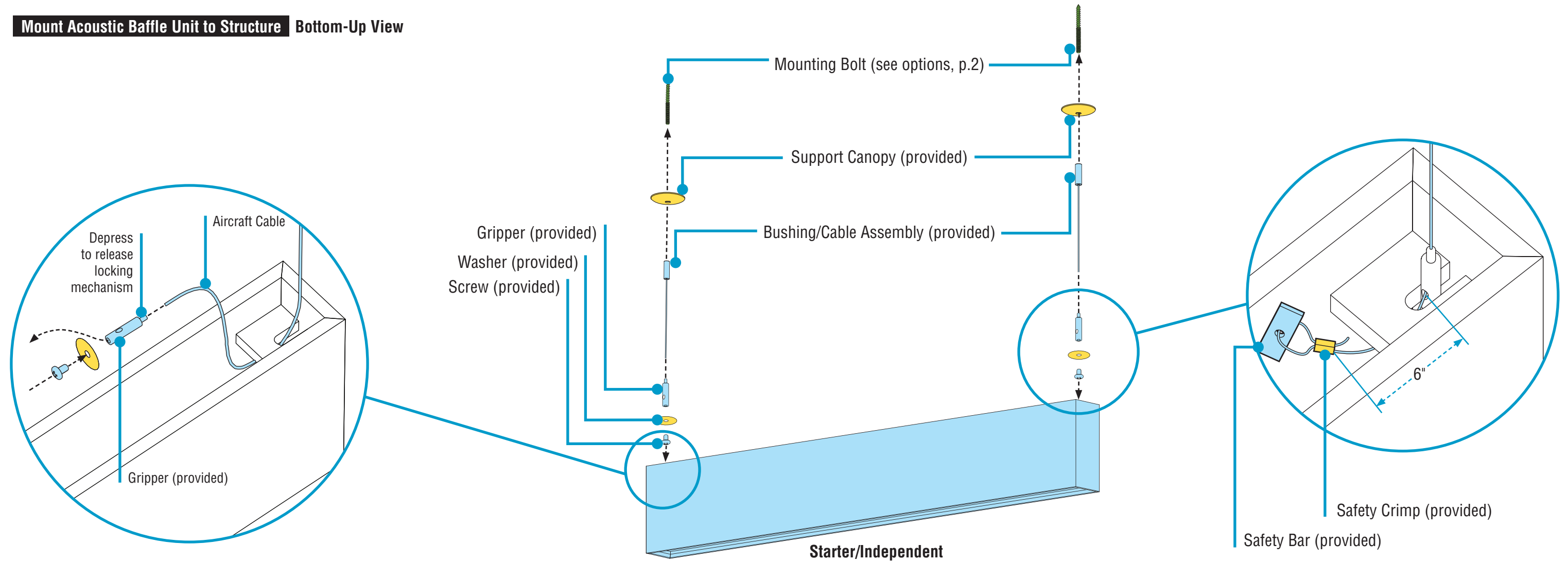
Felt Aligner Block

One included with each Acoustic Run Section (Not used for independents)
Join Acoustic Baffle
p. 5, Step 4

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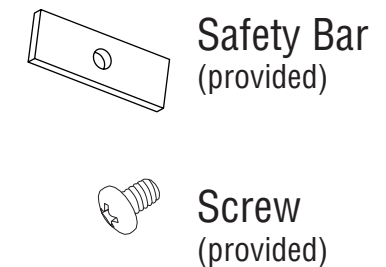
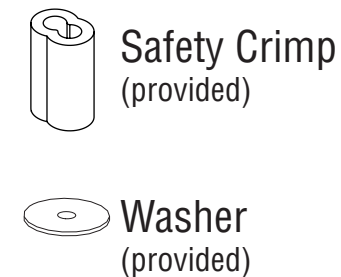
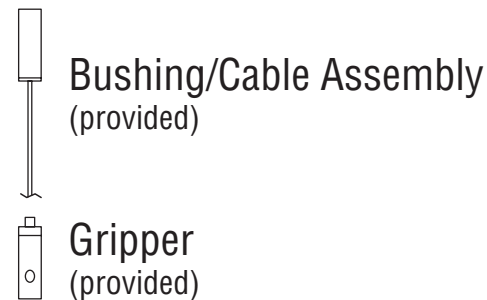
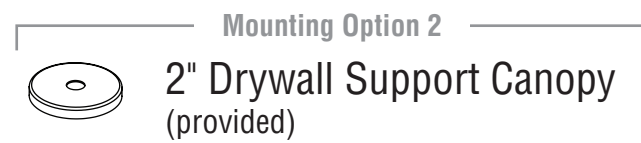
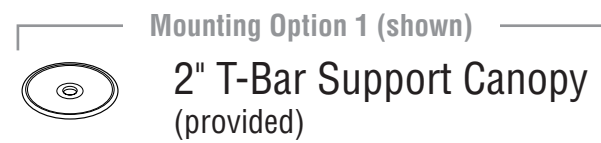
Step 3 - Mounting Acoustic Baffle to Structure

Mount Acoustic Baffle Unit to Structure Bottom-Up View



- Feed the Aircraft Cable through Gripper and add screw washer to bottom of Gripper.
- While properly supporting baffle, maneuver baffle to ceiling.
- Thread the bushing/cable assembly onto mounting bolts.
- Slide support canopy onto mounting bolt (anchor bolt or caddy clip bolt).
- **CRITICAL:** Level each baffle to desired height by depressing top of gripper to adjust cable length.
- **CRITICAL:** If installing an independent luminaire, perform all leveling.

- Estimate required length of cable and add 8"
- Loop cable through Safety Crimp and Safety Bar, then back through Safety Crimp.
- Crimp, then cut excess cable. Remaining 6" of cable.

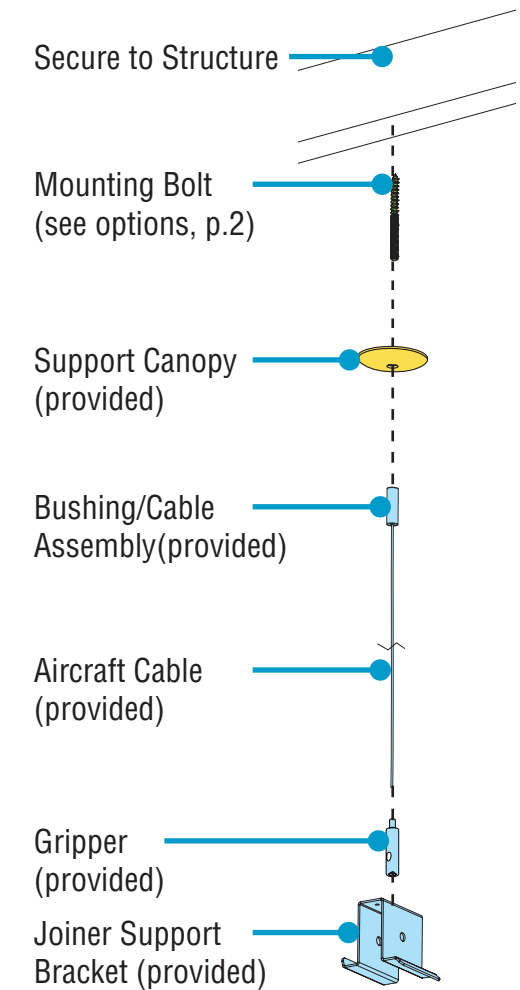


Aircraft Cable Installation

Acoustic Baffle Unlit Installation Instructions

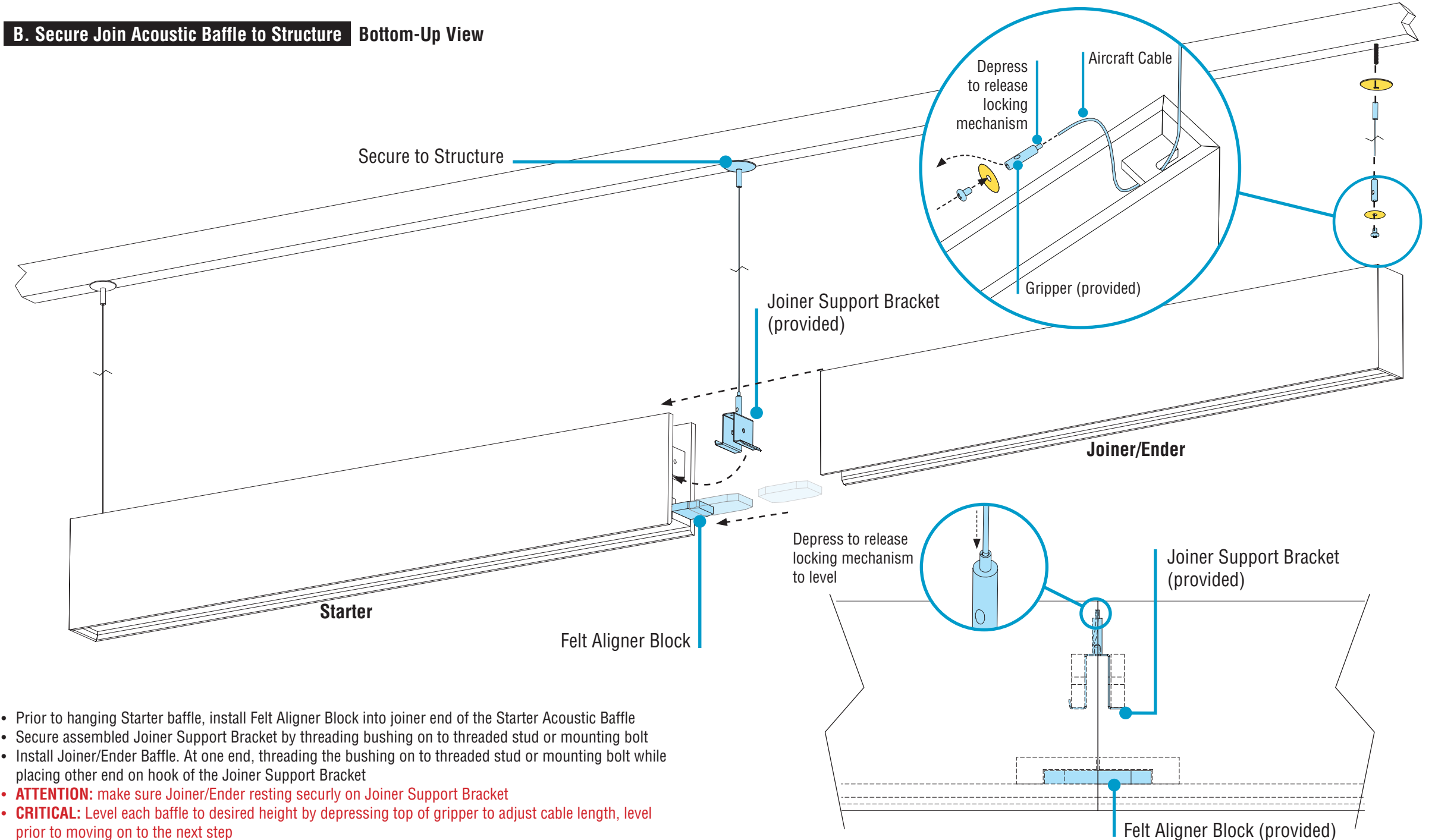
Step 4 - Join Acoustic Baffle

A. Assemble Joiner Support Bracket

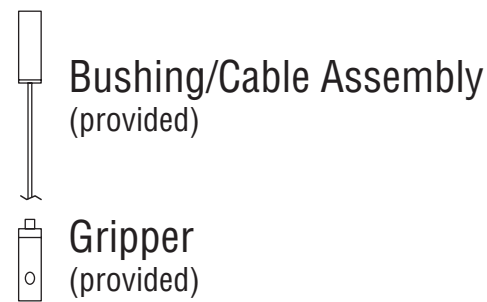
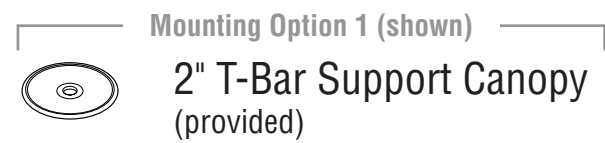


- Feed the Aircraft Cable through Gripper and add screw washer to bottom of Gripper.
- Install Gripper to Joiner Support Bracket
- Secure Support Canopy and Bushing/Cable to structure.

B. Secure Join Acoustic Baffle to Structure Bottom-Up View



- Prior to hanging Starter baffle, install Felt Aligner Block into joiner end of the Starter Acoustic Baffle
- Secure assembled Joiner Support Bracket by threading bushing on to threaded stud or mounting bolt
- Install Joiner/Ender Baffle. At one end, threading the bushing on to threaded stud or mounting bolt while placing other end on hook of the Joiner Support Bracket
- **ATTENTION:** make sure Joiner/Ender resting securely on Joiner Support Bracket
- **CRITICAL:** Level each baffle to desired height by depressing top of gripper to adjust cable length, level prior to moving on to the next step

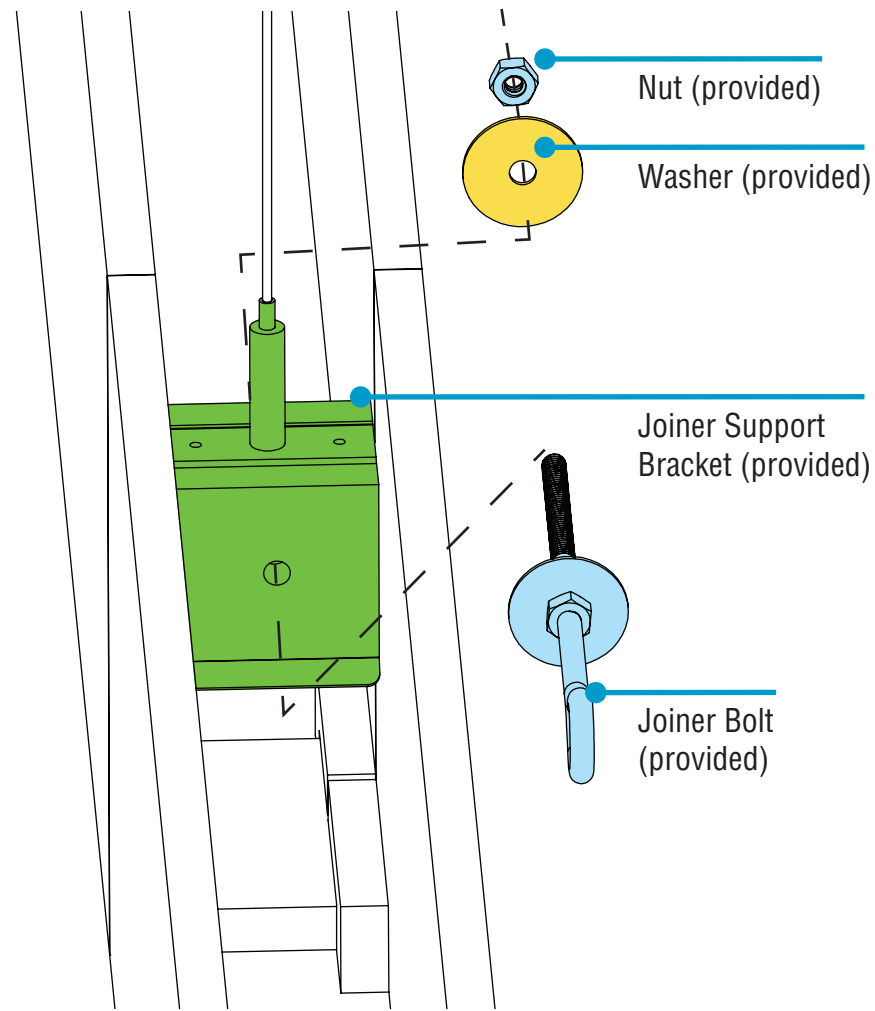


Joint Installation

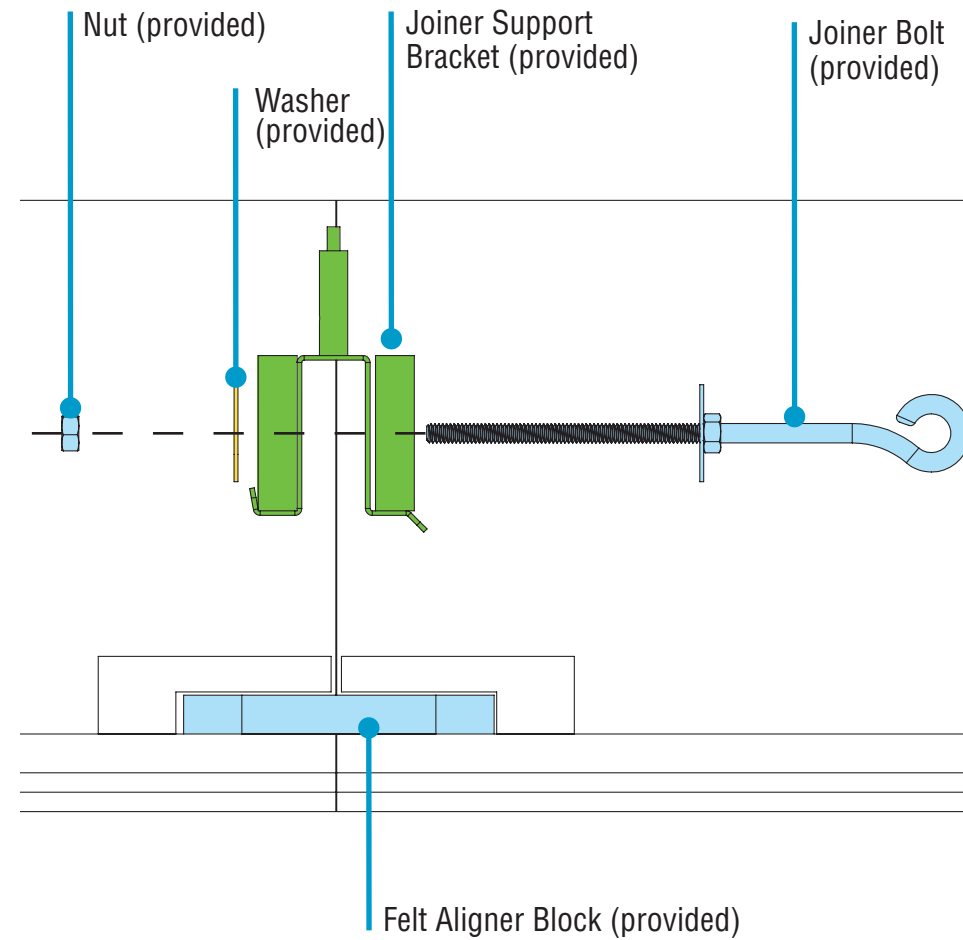
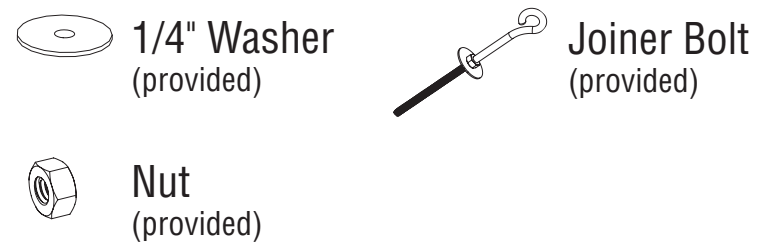
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Step 4 - Join Acoustic Baffle

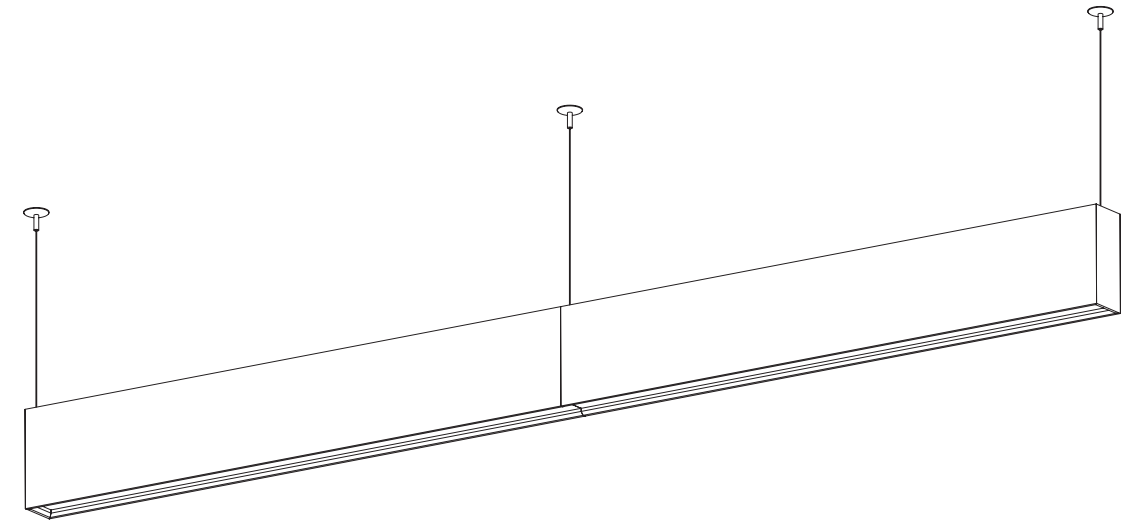
C. Secure Join Acoustic Baffle Top View



- Insert the Joiner Bolt through Joiner Support Bracket and secure with Washer & Nut
- **CRITICAL: DO NOT** over tighten.



Finish



Secure Joint