


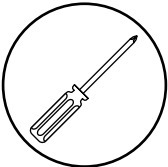
ASSEMBLY OVERVIEW

(2) PEOPLE RECOMMENDED FOR ASSEMBLY

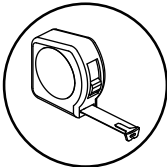
TOOLS REQUIRED:



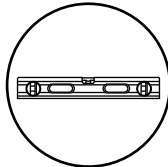
Cordless drill
with number 2 phillips
driver bit




Number 2 phillips
head screwdriver



Tape measure
(25-ft recommended)

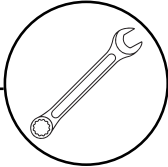


Bubble level

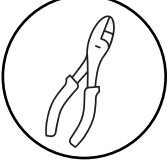


3/8" Square drive
ratchet wrench w/
7/16 hex socket

or

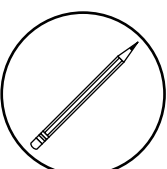


7/16"
combination
wrench




Slip-joint pliers


RECOMMENDED ITEMS:




Pencil



3/4" wide painter's
tape (used for
establishing fixture
layout on floor)



Work gloves
(for handling
pegboard
panels)

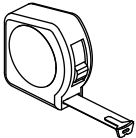


Soapy water and
sponge or rag
(for installing DC
Power Tracks)

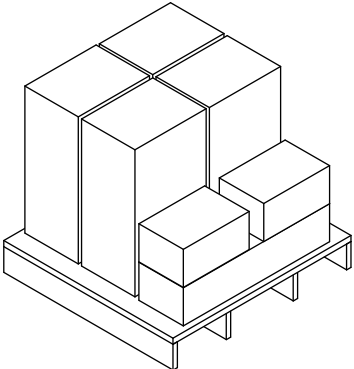
OVERVIEW

Note: VAST ships as a knock down unit, palletized in the most efficient manner per order.

1 Clear and measure available space for the VAST build and installation.



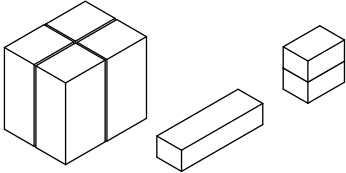
2 Inspect pallet for damage.



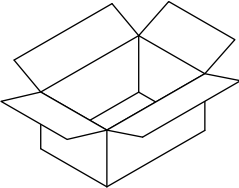
3 Remove and stack all boxes in groups of same items, for ease of location during assembly.

Check quantities against packing slip. Each sku has an item number and label to identify.

Note that small kits are packed in mixed cartons with other skus.



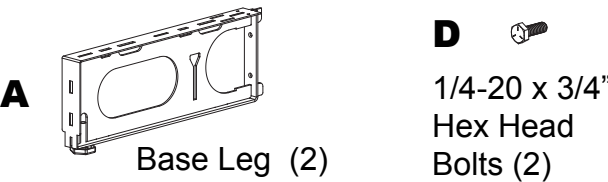
4 Only open cartons as required.



BASE LEG AND UPRIGHT
INSTALLATION

- BASE LEG - KIT OF 2 : ITEM# V45030
- STANDARD LEVELER MOUNT - KIT OF 2 : ITEM# V45057
- 62 ALUMINUM UPRIGHT - KIT OF 2 : ITEM# V46202
- 62 ALUMINUM UPRIGHT - KIT OF 1 : ITEM# V46203
- 54 57 ALUMINUM UPRIGHT - KIT OF 2 : ITEM# V46204
- 54 57 ALUMINUM UPRIGHT - KIT OF 1 : ITEM# V46205

Contents: Item# V45030 - Base Leg (Kit of 2)



NOTE: Hardware may be loose in kit bag.
Ensure all hardware accounted for.

Item# V45057 - Standard Leveler Mount (Kit of 2)



Item# V46202 - 62 Aluminum Upright (Kit of 2)

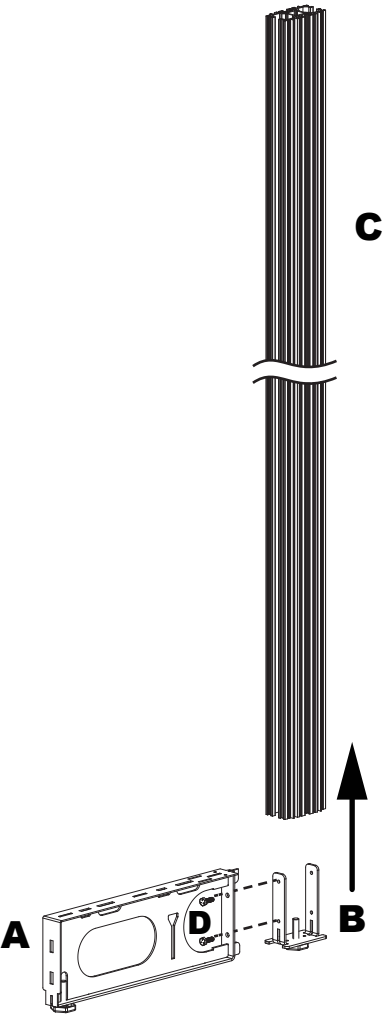


NOTE: Create as many assemblies as needed for entire unit.

- 1

Loosely attach Base Leg (A) to Standard Leveler Mount (B) with (2) 1/4-20 x 3/4" Hex Head Bolts (D).
- 2

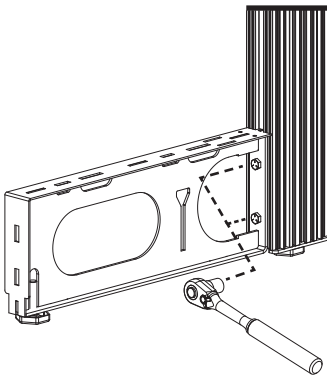
Slide assembly into bottom of Aluminum Upright (C).



- 2

Tighten w/ 7/16" socket.
- 3

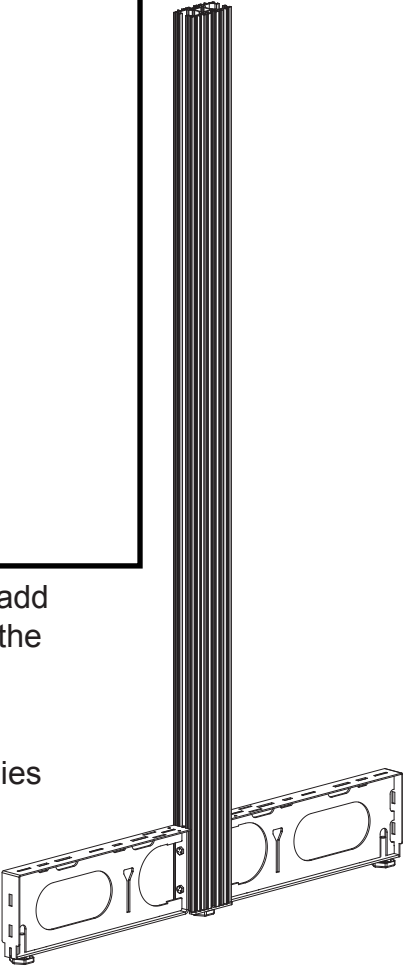
Repeat process on second Upright.



- 4

If unit will be dual sided, add Base Leg Assemblies to the second side of Uprights.
- 5

Create as many assemblies as needed for entire unit.

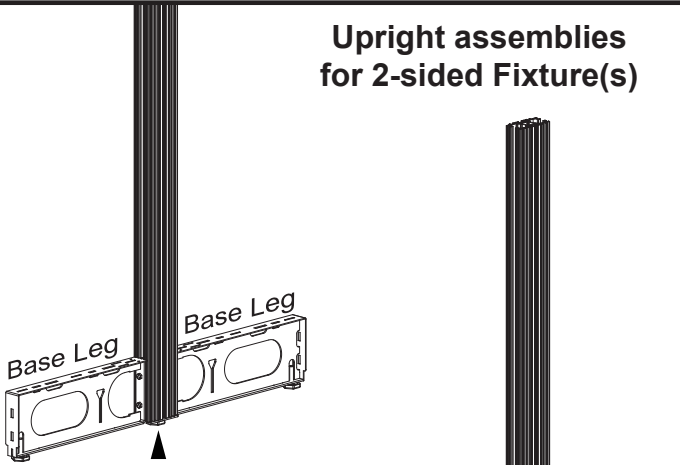


IMPORTANT LEVELER INFORMATION

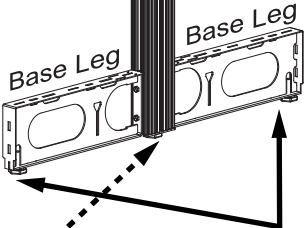


IMPORTANT: 1/8" gap is default amount of adjustment for Levelers on each Base Leg during assembly of VAST Fixture. Additional adjustment of Base Leg Levelers may be required to ensure adequate contact with the floor or to level side by side VAST sections along an inline run.

Upright assemblies
for 2-sided Fixture(s)



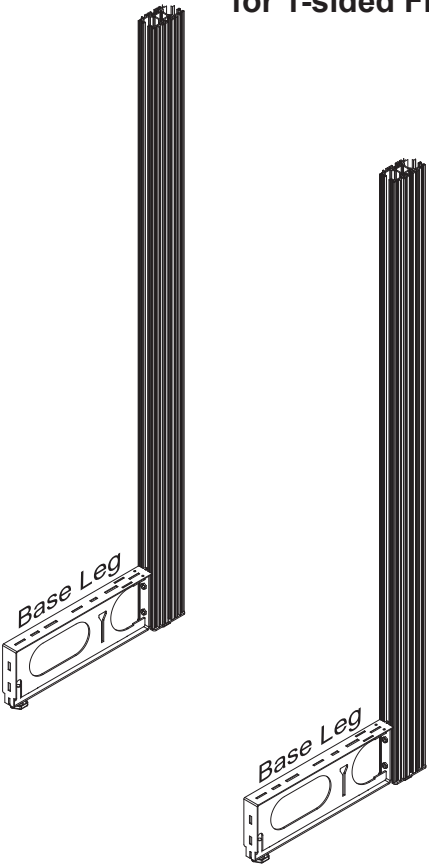
IMPORTANT: After completing Upright assembly, adjust Leveler directly underneath Upright to minimum height possible.



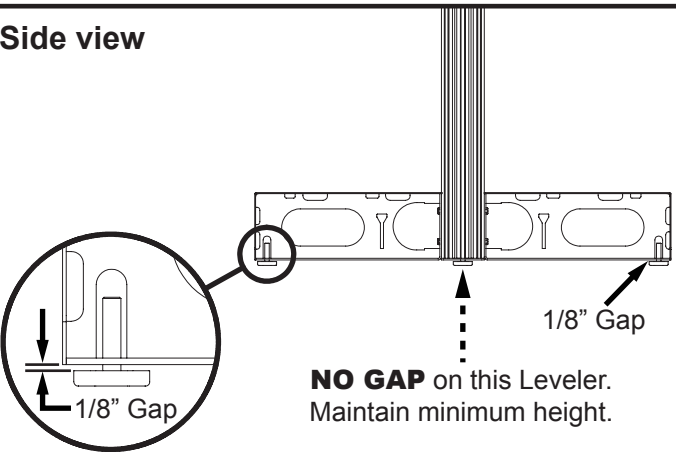
IMPORTANT: After completing Upright assembly, adjust Leveler directly underneath Upright to minimum height possible.

Adjust Base Leg Leveler so that there is a 1/8" gap between underside of Base Leg and top of Leveler.

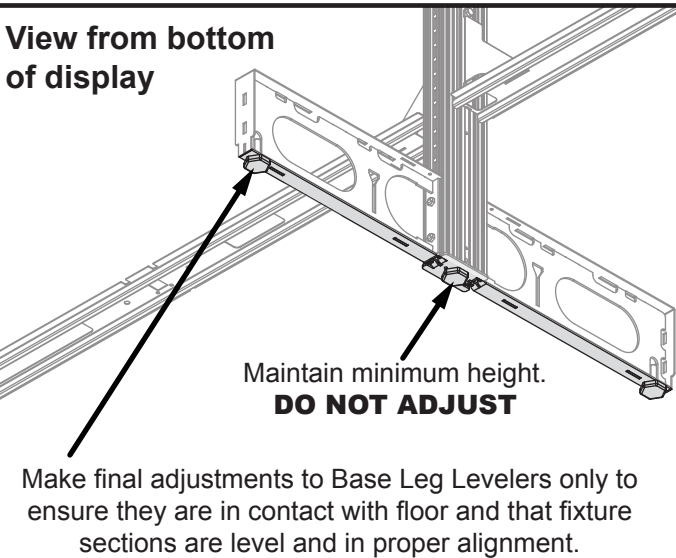
Upright assemblies
for 1-sided Fixture(s)



Side view



View from bottom
of display

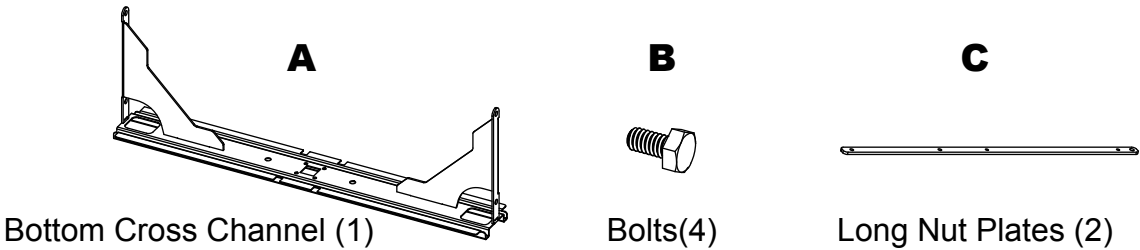


**BOTTOM CROSS
CHANNEL ASSEMBLY**

- 2FT T-BAR CROSS CHANNEL KIT : ITEM# V45022
- 3FT T-BAR CROSS CHANNEL KIT : ITEM# V45023
- 4FT T-BAR CROSS CHANNEL KIT : ITEM# V45024
- 2FT STANDARD CROSS CHANNEL KIT : ITEM# V45012
- 3FT STANDARD CROSS CHANNEL KIT : ITEM# V45013
- 4FT STANDARD CROSS CHANNEL KIT : ITEM# V45014

NOTE: This step will use contents that are located in one of the kits listed above. You *may* have a display set that uses multiple widths (2ft, 3ft or 4ft) and types of kits (T-bar or Standard) listed above. **Choose the appropriate kit to to begin one section of your VAST display set.**

Contents:
* from **Cross Channel Kit** that is specific to this set only.



NOTE: Contents from a 2ft kit used in following steps **FOR EXAMPLE ONLY.**

1

Locate appropriate Cross Channel Kit and remove Bottom Cross Channel (A), bag with (2) Long Nut Plates (C), and hardware kit (B).

2

Install Long Nut Plate (C) to left side of Bottom Cross Channel (A) using (2) bolts(B). Do not tighten.

3

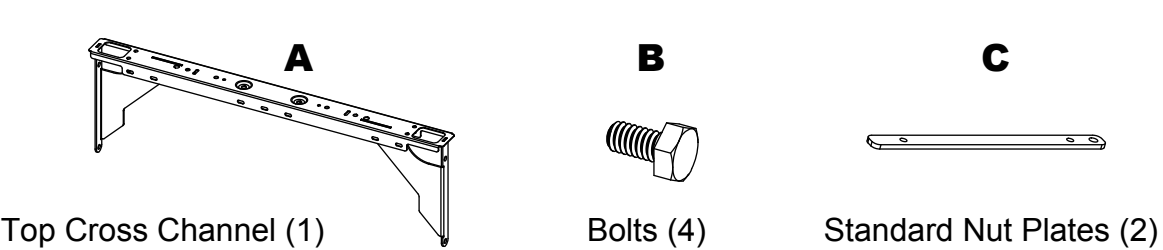
Repeat process on right side.

**TOP CROSS CHANNEL
ASSEMBLY**

- 2FT T-BAR CROSS CHANNEL KIT : ITEM# V45022
- 3FT T-BAR CROSS CHANNEL KIT : ITEM# V45023
- 4FT T-BAR CROSS CHANNEL KIT : ITEM# V45024
- 2FT STANDARD CROSS CHANNEL KIT : ITEM# V45012
- 3FT STANDARD CROSS CHANNEL KIT : ITEM# V45013
- 4FT STANDARD CROSS CHANNEL KIT : ITEM# V45014

NOTE: This step will use contents that are located in the kit used to assemble the Bottom Cross Channel on the last page.

Contents:
* from **Cross Channel Kit** that is specific to this set only.



NOTE: Contents from a 2ft kit used in following steps **FOR EXAMPLE ONLY.**

1

Locate appropriate Cross Channel Kit and remove Top Cross Channel (A), bag with (2) Standard Nut Plates (C), and hardware kit (B).

2

Install Standard Nut Plate (C) to left side of Top Cross Channel (A) using (2) bolts(B). Do not tighten.

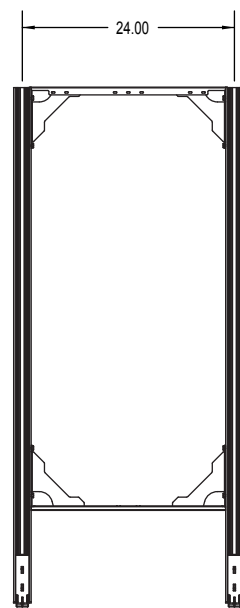
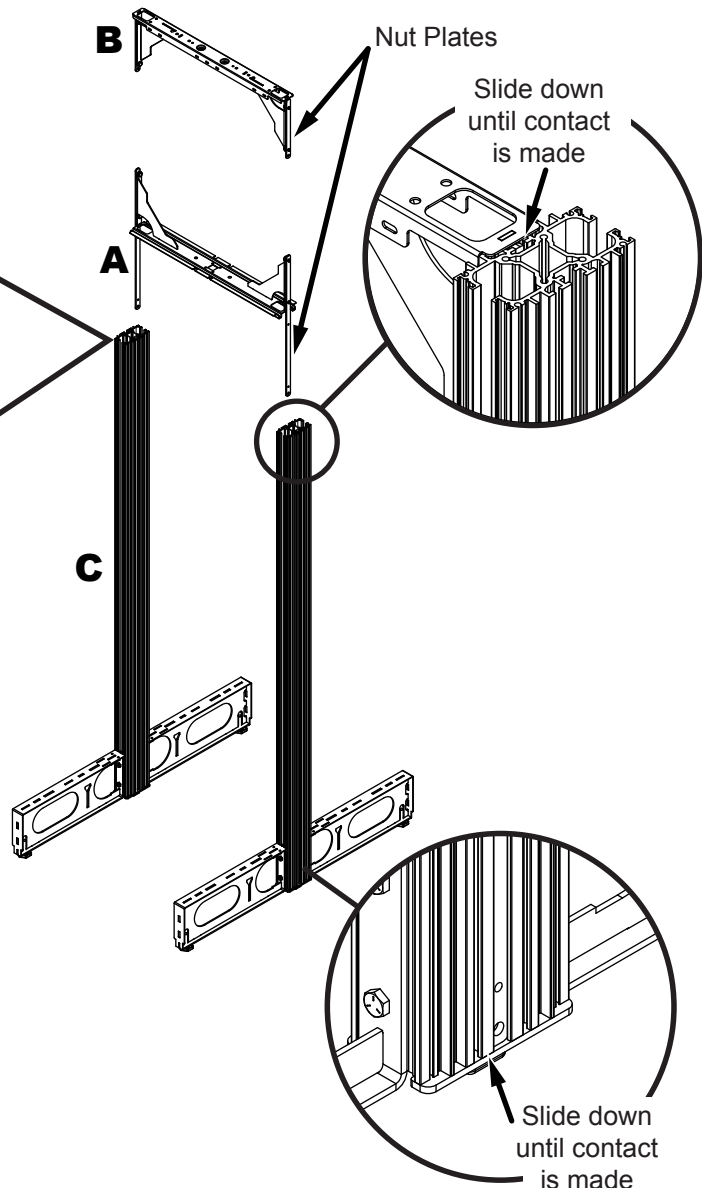
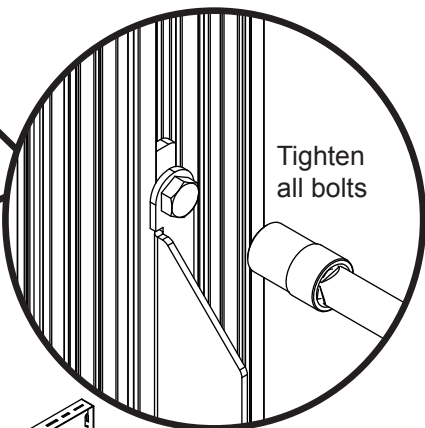
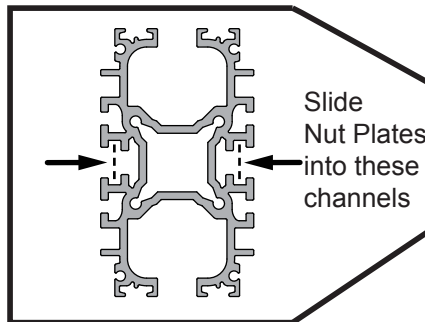
3

Repeat process on right side.

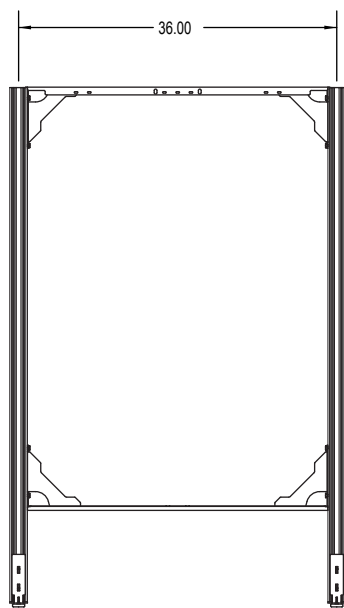
FRAME ASSEMBLY

1 Install Bottom Cross Channel assembly (A) and Top Cross Channel assembly (B) by sliding Nut Plates into Uprights (C) on first section of run.

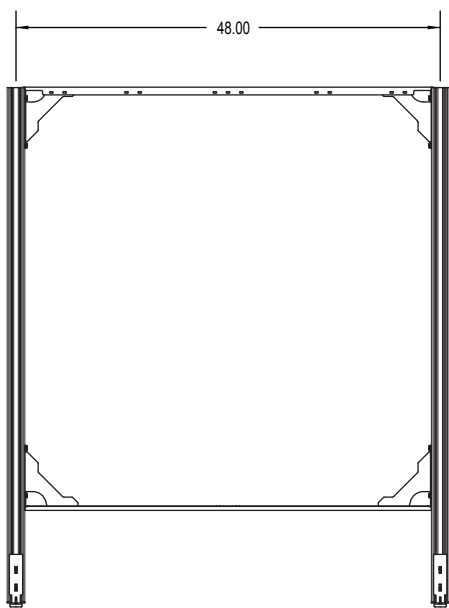
2 Tighten all bolts on both sides with 7/16" socket.



2-FT Assembly



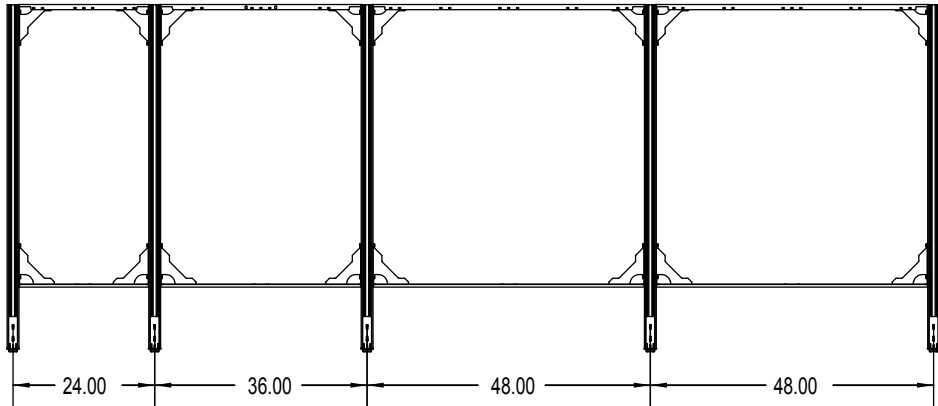
3-FT Assembly



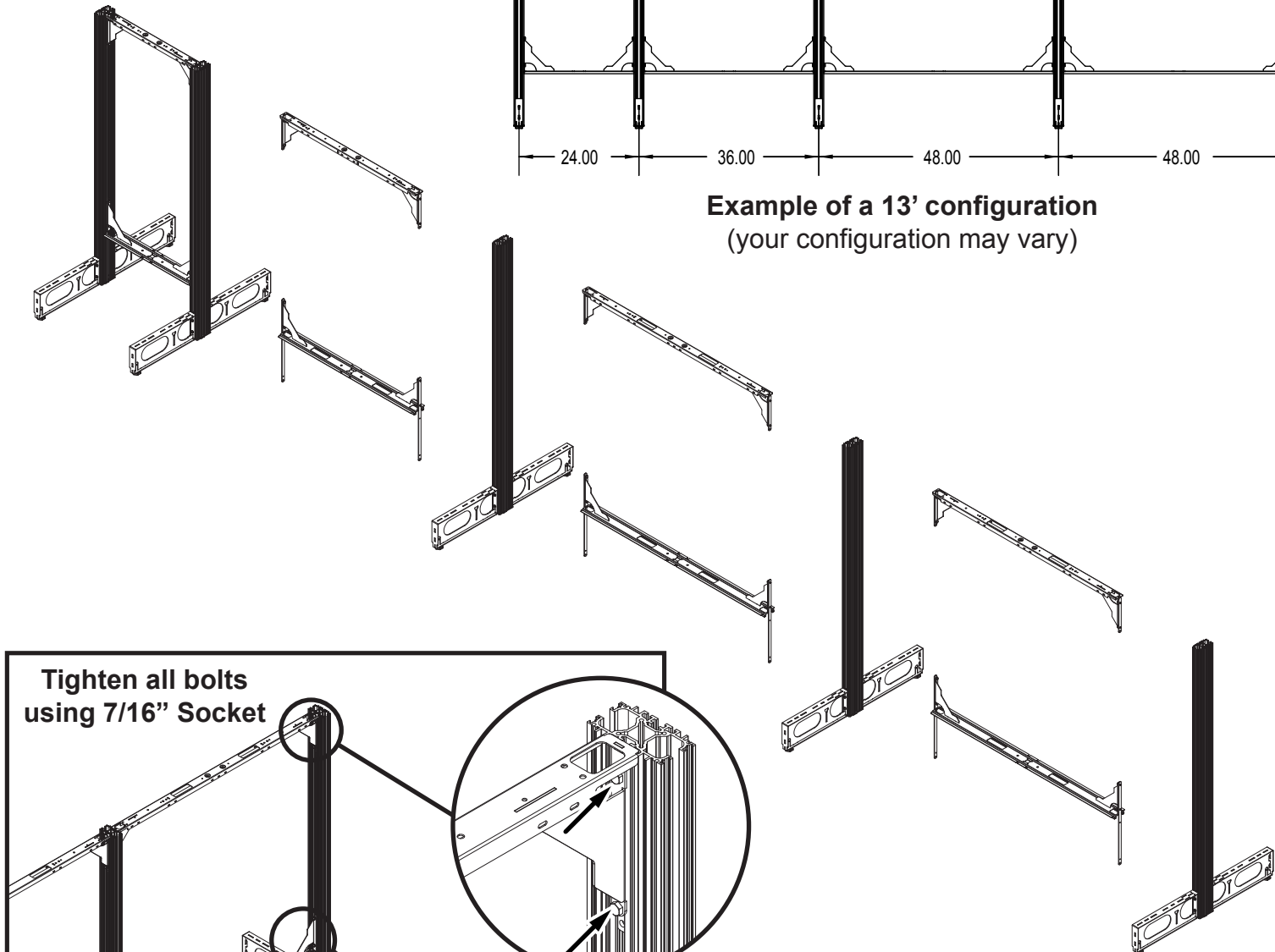
4-FT Assembly

ADDING ADDITIONAL SECTIONS

- 1 Place unit in desired location before continuing / adding additional sections until desired length and configuration is reached.
- 2 Tighten all bolts when complete.



Example of a 13' configuration
(your configuration may vary)



INSTALL SLOTTED U-CHANNELS

- 62-13 SLOTTED U-CHANNEL - KIT OF 2 : ITEM# V46212
- 62-13 SLOTTED U-CHANNEL - KIT OF 4 : ITEM# V46214
- 62-8 SLOTTED U-CHANNEL - KIT OF 4 : ITEM# V46284
- 62-8 SLOTTED U-CHANNEL - KIT OF 2 : ITEM# V46282
- 54 57 13 SPLIT RAIL SLOTTED U-CHANNEL - KIT OF 1 : ITEM# V46207
- 54 57 13 SLOTTED U-CHANNEL - KIT OF 2 : ITEM# V46208
- 54 57 13 SLOTTED U-CHANNEL - KIT OF 4 : ITEM# V46209

Contents:

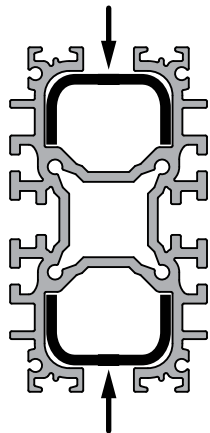
Slotted U-Channel (2)



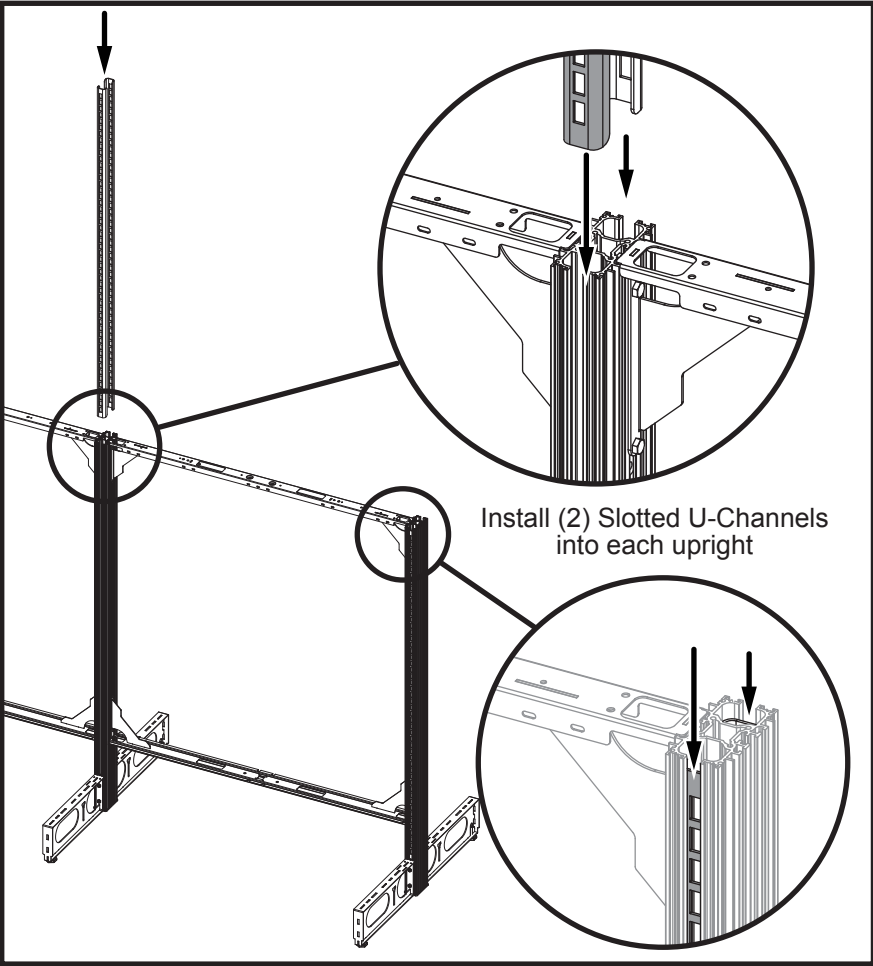
Locate appropriate Slotted U-Channel Kit

From top of Upright, slide Slotted U-Channel down into Upright as shown.
NOTE: Dual sided unit shown. If only one side required, install Slotted U-Channel into appropriate single side.

Install Slotted U-Channels here



Install Slotted U-Channels here

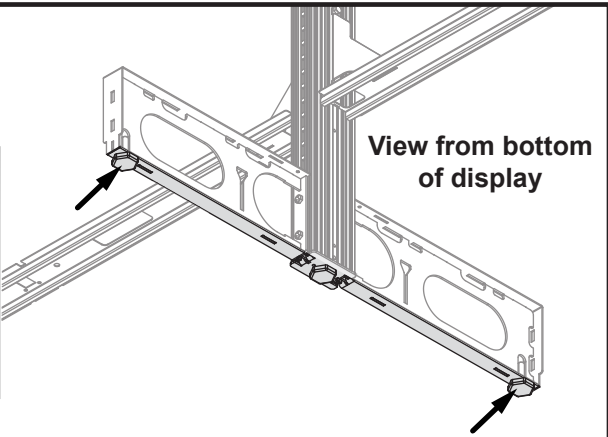


ADJUST LEVELERS

Adjust all levelers along bottom as needed



IMPORTANT: 1/8" gap is default amount of adjustment for Levelers on each **Base Leg** during assembly of VAST Fixture. Additional adjustment of Base Leg Levelers may be required.
Reference PAGE 3 for details.



PEG PANEL INSTALLATION

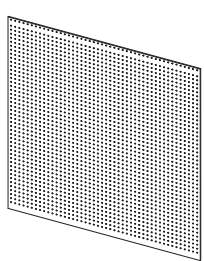
- 54IN 2FT PEG PANEL : ITEM # V451007
- 54IN 4FT PEG PANEL : ITEM # V451009

HARDWARE KIT - PANEL BOARD SECURING : ITEM # V451017

- 2FT PEG PANEL : ITEM # V451002
- 3FT PEG PANEL : ITEM # V451003
- 4FT PEG PANEL : ITEM # V451004
- 3FT REAR PANEL : ITEM # V451006
- 54IN 3FT PEG PANEL : ITEM # V451008
- 54IN 3FT REAR PANEL : ITEM # V451010

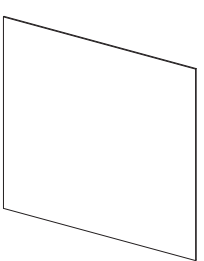
Contents:

A



Peg Panel

B



3ft Rear Panel

Hardware Kit - Panel Board Securing Item # V451017

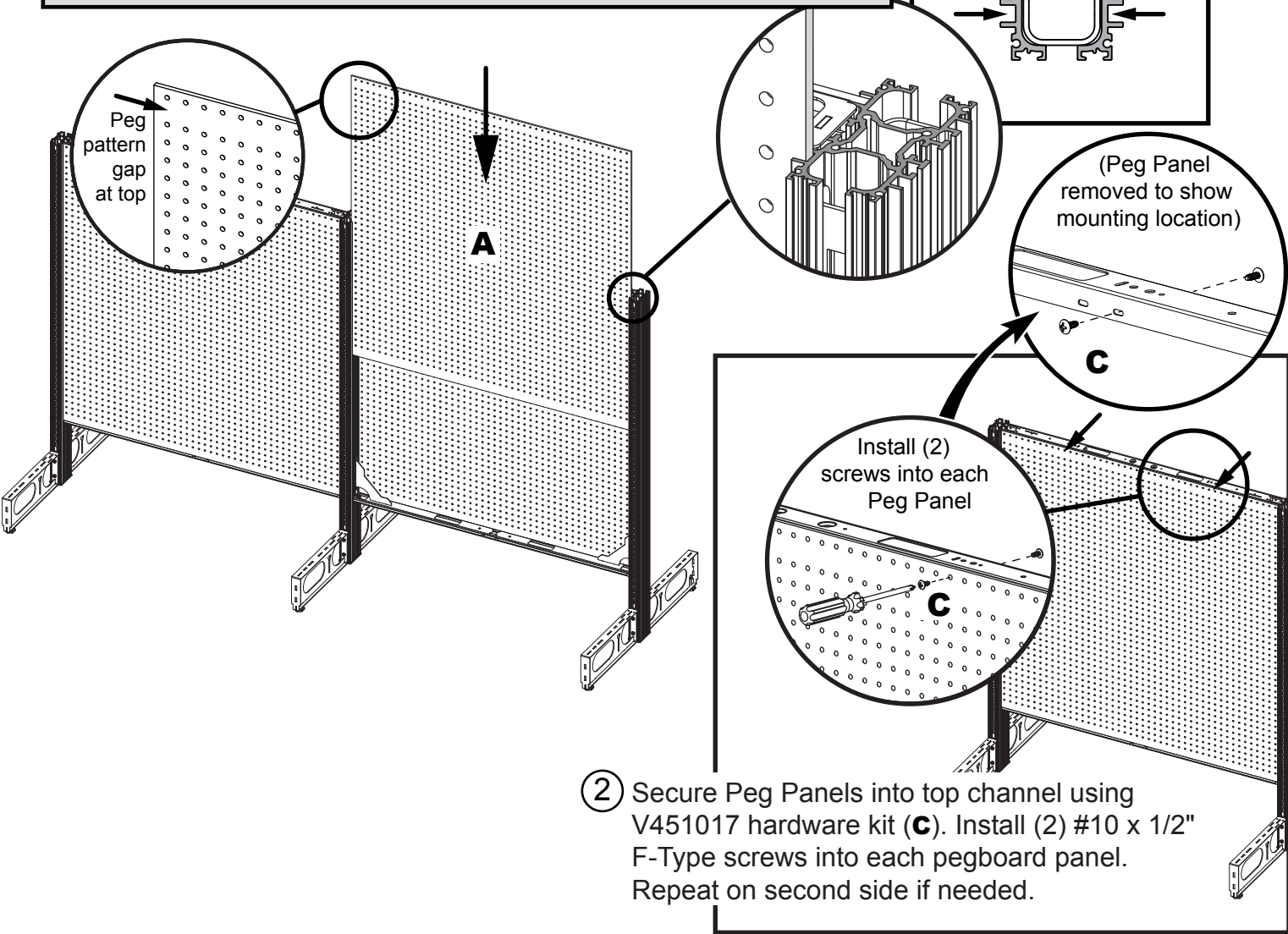
C



#10x1/2" F-Type Screws (4)

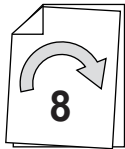
- 1 Install Front Peg Panels (**A**) by sliding into uprights as shown. Repeat across all sections of your frame. Repeat on second side of unit if needed.

NOTE: Orient peg panels in correct location per image shown. Peg pattern with gap should be oriented in the top.



- 2 Secure Peg Panels into top channel using V451017 hardware kit (**C**). Install (2) #10 x 1/2" F-Type screws into each pegboard panel. Repeat on second side if needed.

SPLIT RAIL INSTALLATION



IF SET **DOES NOT** REQUIRE
SPLIT RAIL, THEN GO TO
PAGE 8,
POG STRIP INSTALLATION.

- SPLIT RAIL ANCHORING KIT - ITEM # V45038
- 62 SPLIT RAIL ALUMINUM UPRIGHT - ITEM # V46201
- 62-13 SPLIT RAIL SLOT U-CHANNEL - KIT OF 2 - ITEM # V46213
- 62-8 SPLIT RAIL SLOT U-CHANNEL - KIT OF 2 - ITEM # V46283
- 2FT PEG PANEL - ITEM # V451002
- HARDWARE KIT - PANEL BOARD SECURING - ITEM # V451017
- 54 57 SPLIT RAIL ALUMINUM - ITEM # V46206
- 54 57 13 SPLIT RAIL SLOTTED U-CHANNEL - KIT OF 2 - ITEM # V46207
- 54IN 2FT PEG PANEL - ITEM # V451007

Contents:

Split Rail Bottom Anchor (1)
Split Rail Support Channel (1)
1/4-20 x 1.25" Hex Head Bolt (1)
L-Angle Nut Plate (2)
1/4-20 x 1" Hex Head Bolt (2)

Item # V45038 Split Rail Anchoring Kit

1/4-20 UNC x 1/2" Long Hex Head Bolt (4)
Flat Washer (2)

Split Rail Upright
Split Rail U-Channel
2ft Peg Panel

INSTALLING SPLIT RAIL BOTTOM ANCHOR AND SPLIT RAIL SUPPORT CHANNEL

- 1 Locate the **Split Rail Anchoring Kit (V45038)** and remove Split Rail Bottom Anchor and Split Rail Support Channel.
- 2 Attach Split Rail Bottom Anchor (A) to Frame's Bottom Channel Assembly with (2) 1" Hex Head Bolts (J) (bolts are pre-installed into bottom anchor - remove and reinstall as needed).
- 3 Attach Split Rail Support Channel (B) to Split Rail Bottom Anchor (A) with (1) 1.25"Hex Head Bolt (D).

Bolt threads into this side, tighten with 7/16" socket
NOTE orientation of Split Rail Support Channel

5 Pre-install (2) 1/2" Bolts (E) and (2) Washers (F) into (2) L-Angle Nut Plates (C), and slide into the Aluminum Split Rail Upright (G).

L-Angle Nut Plates temporarily rest on top of Split Rail (G)
Leave screws and washers loose on both sides

6 Install (2) Split Rail Slotted U-Channels (H).

NOTE: These are shorter than Standard Slotted U-Channels.

Install Slotted U-Channels here
Install Slotted U-Channels here

7 Install the Split Rail Upright (G) into fixture by installing at an angle, bottom first, then push top of Split Rail under Top Cross Channel.

Top Cross Channel
Install Split Rail onto Bottom Anchor
Install at an angle, bottom first, then push top of split rail under Top Cross Channel

8 Install (2) 1/2" Bolts (E) along the top and secure L-Angle Nut Plates (C) in place, then tighten bolts on each side.

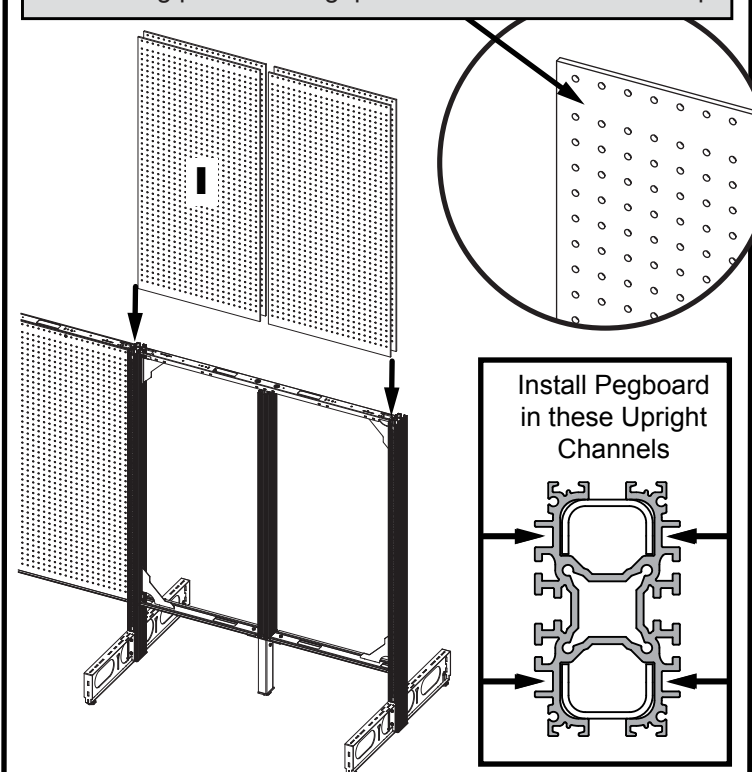
Tighten Side Bolts on both sides

9 Adjust Leveler on bottom of Split Rail Assembly as needed to match other Base Legs.

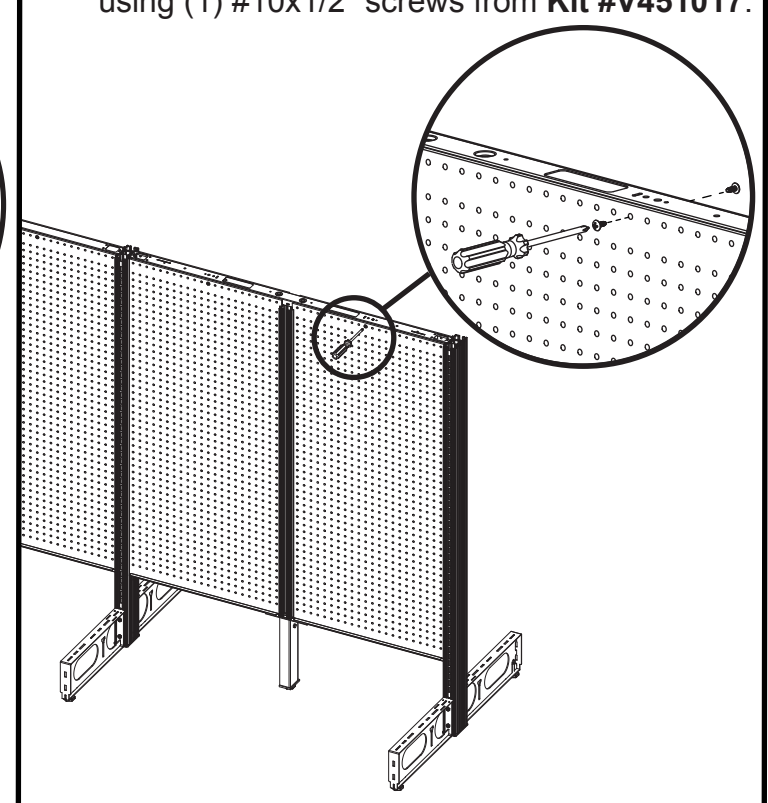
SPLIT RAIL INSTALLATION
(CONTINUED)

10 Install Peg Panels (I).

NOTE: Peg pattern with gap should be oriented in the top.



11 Secure Peg Panels into Top Cross Channel using (1) #10x1/2" screws from Kit #V451017.

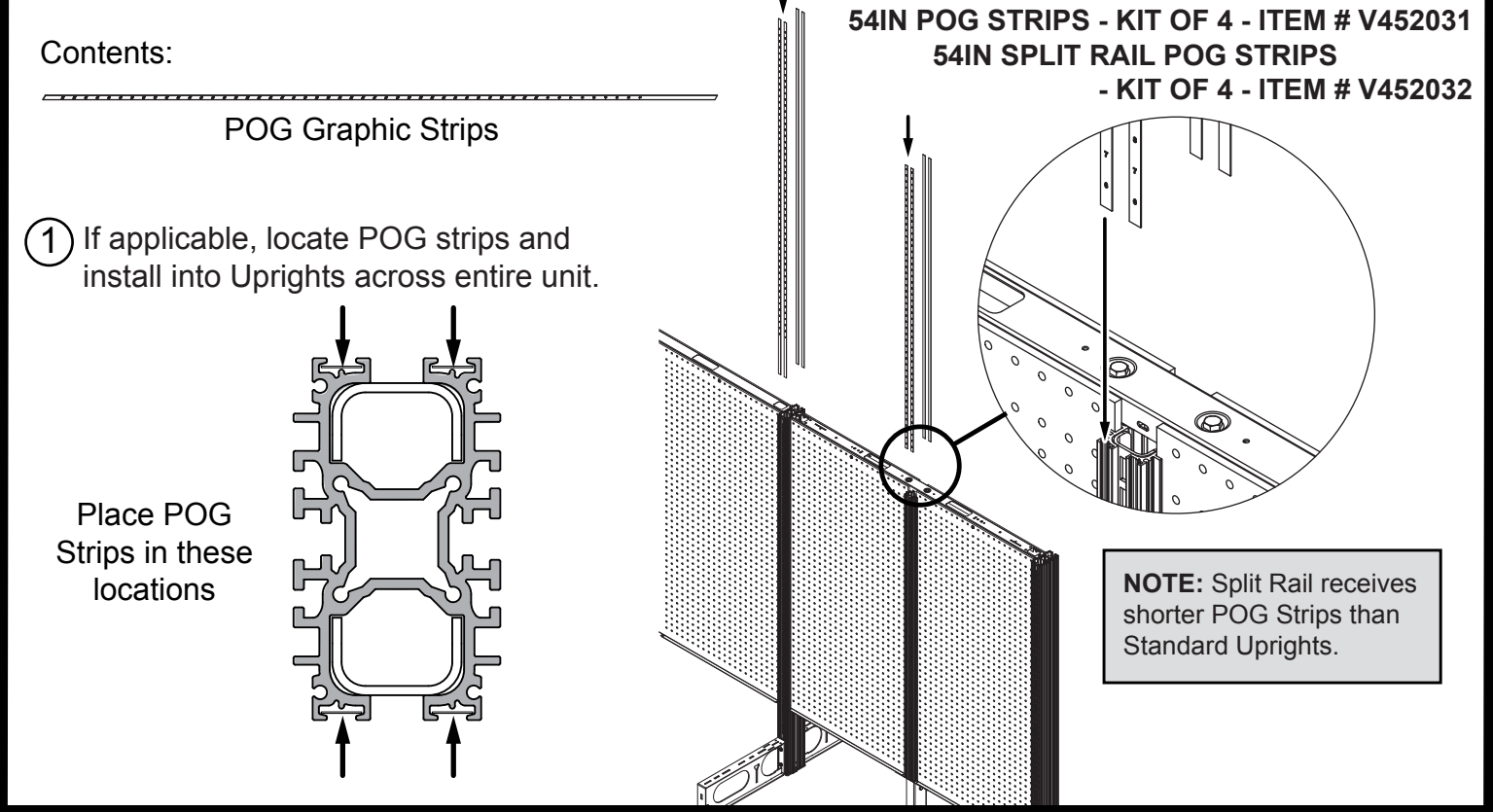


POG STRIP INSTALLATION

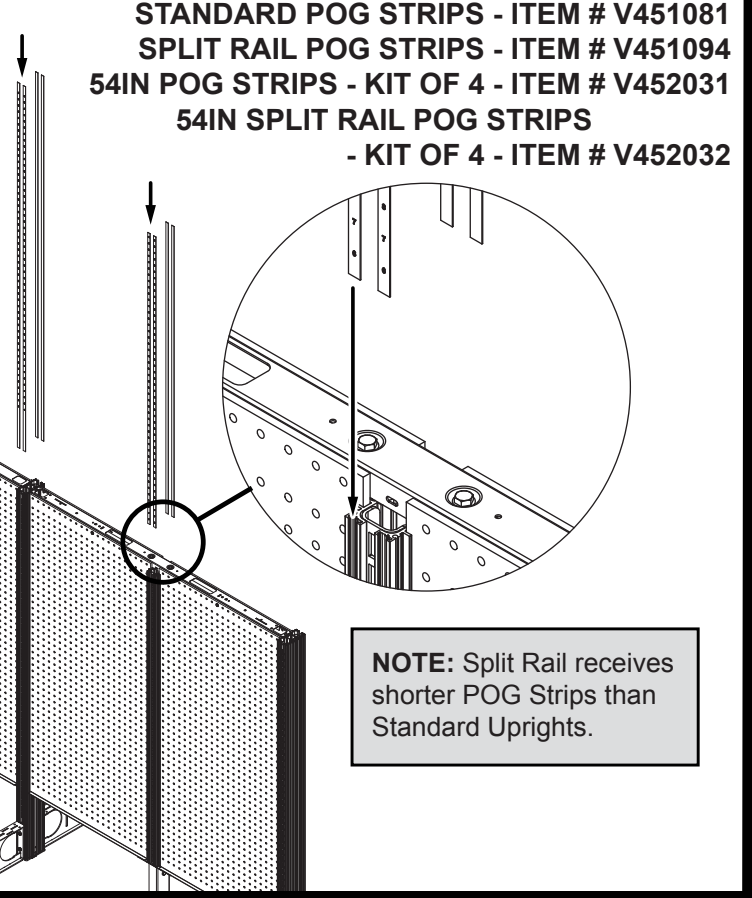
Contents:

POG Graphic Strips

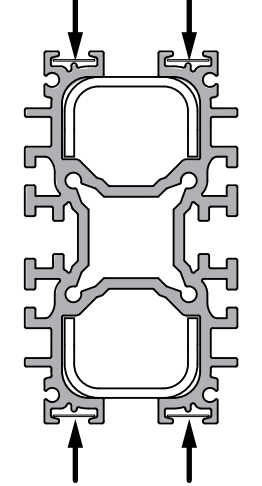
1 If applicable, locate POG strips and install into Uprights across entire unit.



STANDARD POG STRIPS - ITEM # V451081
SPLIT RAIL POG STRIPS - ITEM # V451094
54IN POG STRIPS - KIT OF 4 - ITEM # V452031
54IN SPLIT RAIL POG STRIPS - KIT OF 4 - ITEM # V452032



Place POG Strips in these locations

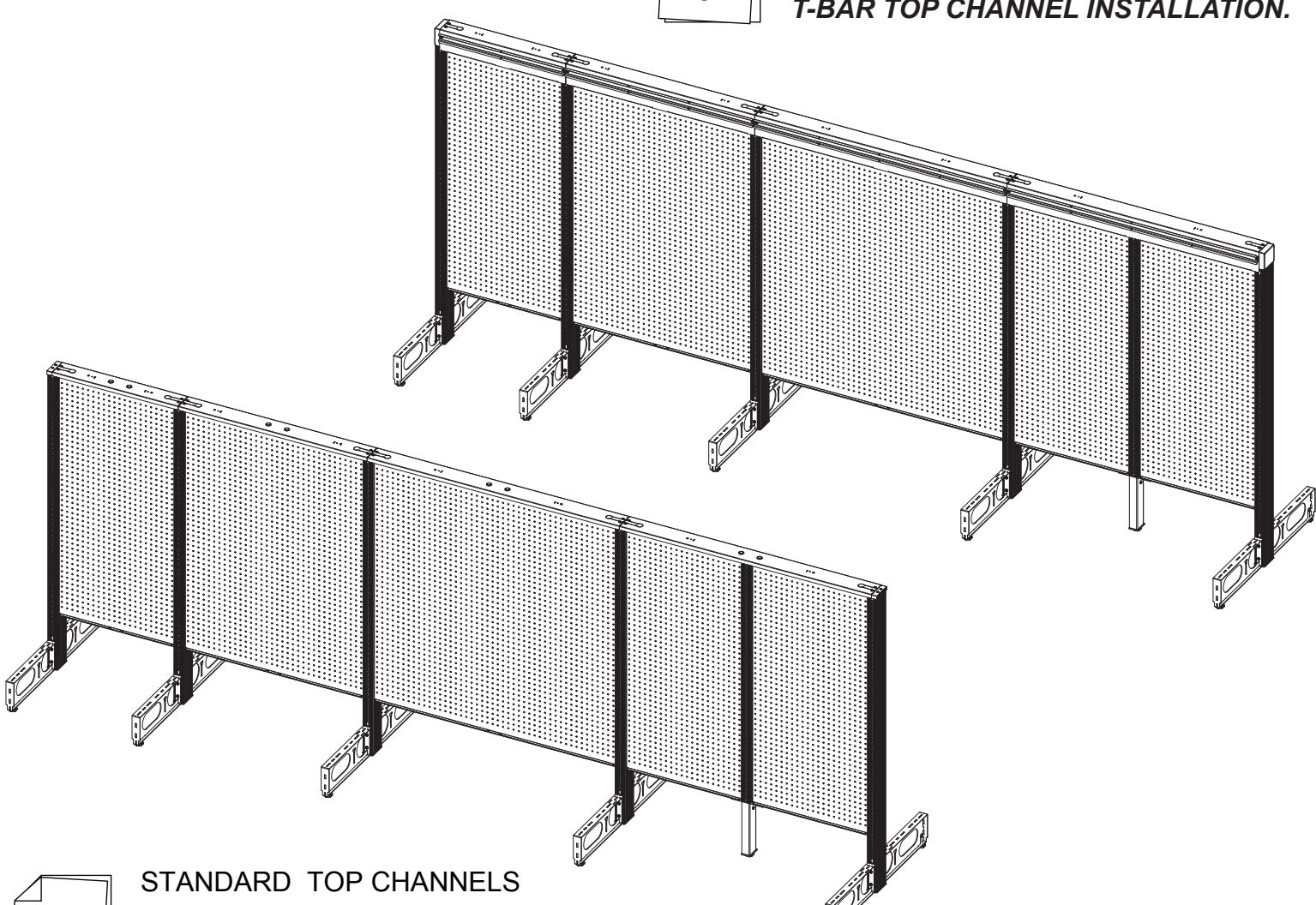


NOTE: Split Rail receives shorter POG Strips than Standard Uprights.

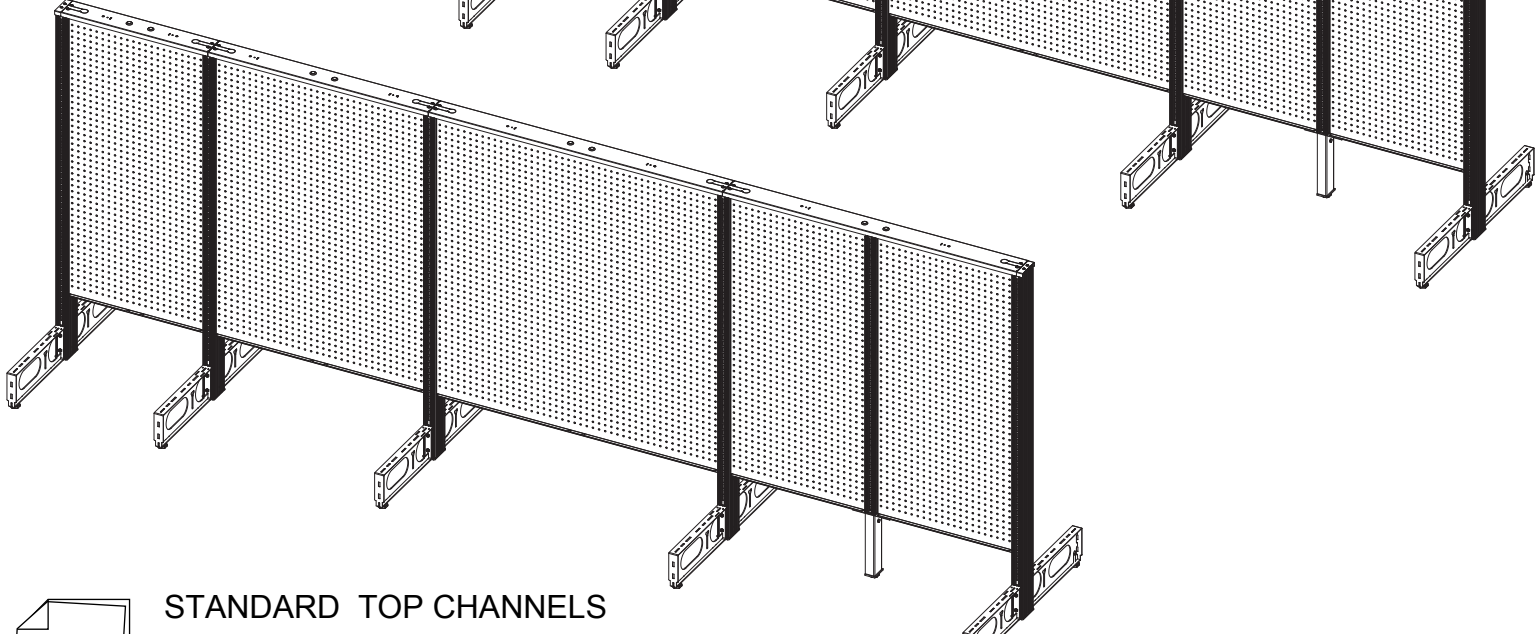
TOP CHANNEL INSTALLATION

NOTE: Two types of Top Channels are available: T-Bar Top Channels and Standard Top Channels. Both are available in 2ft,3ft and 4ft lengths.

NOTE: T-Bar Top Channels are used in conjunction with electrical devices that will be installed onto fixture or shelves.



9 T-BAR TOP CHANNELS
IF INSTALLING **T-BAR TOP CHANNELS**, GO TO PAGE 9,
T-BAR TOP CHANNEL INSTALLATION.



10 STANDARD TOP CHANNELS
IF INSTALLING **STANDARD TOP CHANNELS**, GO TO PAGE 10,
STANDARD TOP CHANNEL INSTALLATION.

T-BAR TOP CHANNEL INSTALLATION

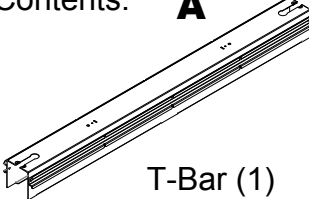
10

IF INSTALLING STANDARD TOP CHANNELS, GO TO PAGE 10, STANDARD TOP CHANNEL INSTALLATION

2FT T-BAR CROSS CHANNEL KIT : ITEM# V45022
3FT T-BAR CROSS CHANNEL KIT : ITEM# V45023
4FT T-BAR CROSS CHANNEL KIT : ITEM# V45024
3FT END CAP T BAR CROSS CHANNEL KIT : ITEM# V45026
T BAR CONNECTOR - KIT OF 2 : ITEM# V45028
T BAR FINISHING CAP - KIT OF 2 : ITEM# V45029


Contents:

A




T-Bar (1)

B



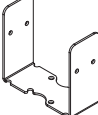
Electrical Access Plates (2)

C



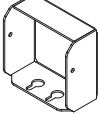
#10 x 1/2" F-Type Screw (10)

D




T-Bar Connector (2)

E




T-Bar Finishing Cap(2)

F



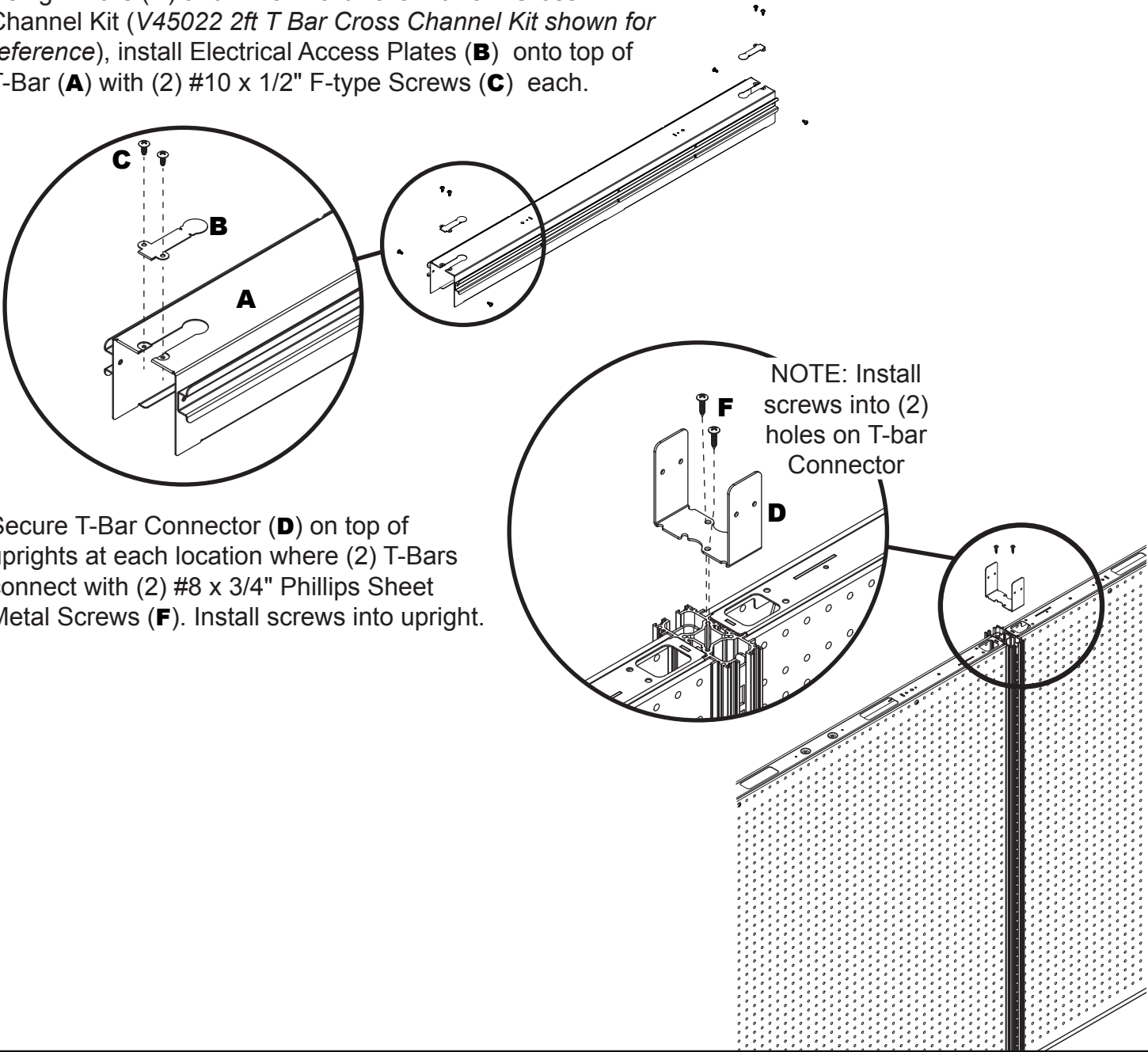
#8 x 3/4" Sheet Metal Screw (4)

G



#8 x 3/4" Sheet Metal Screw (4)

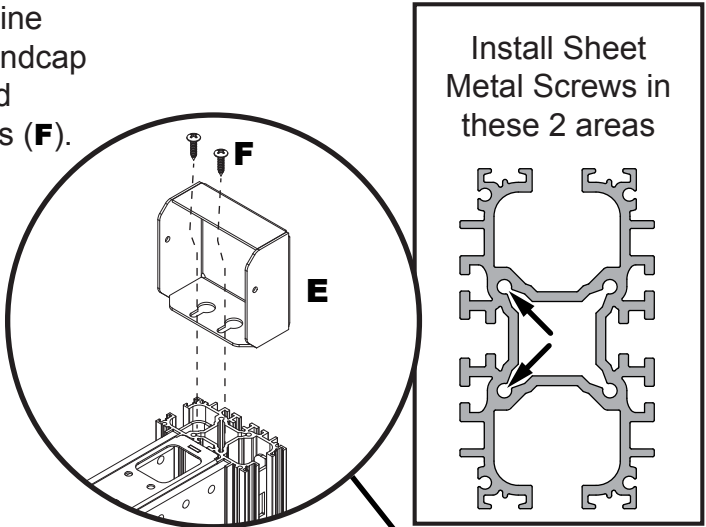
1 Using T-Bars (A) and T-Bar Hardware Kit from Cross Channel Kit (V45022 2ft T Bar Cross Channel Kit shown for reference), install Electrical Access Plates (B) onto top of T-Bar (A) with (2) #10 x 1/2" F-type Screws (C) each.



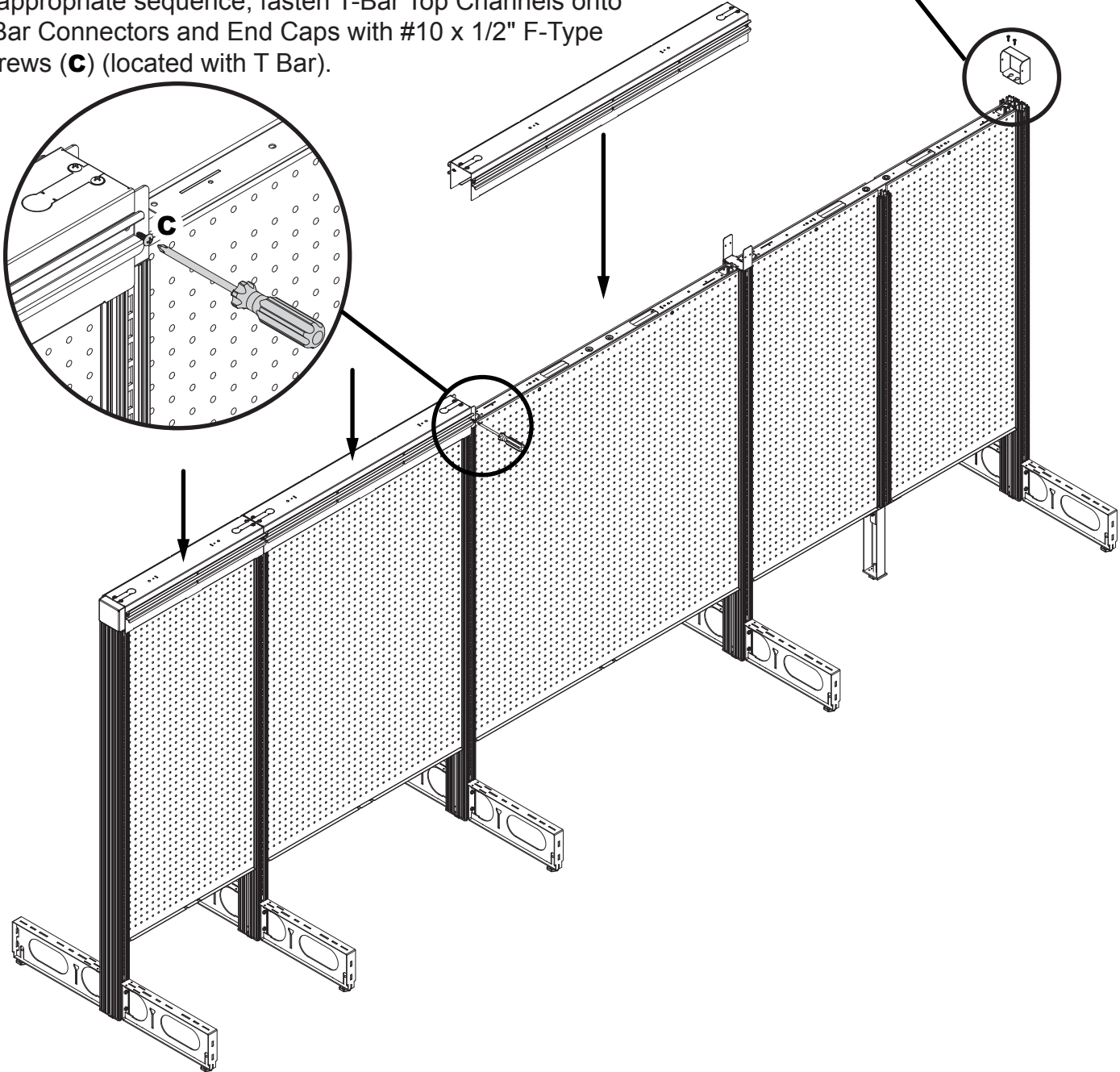
2 Secure T-Bar Connector (D) on top of uprights at each location where (2) T-Bars connect with (2) #8 x 3/4" Phillips Sheet Metal Screws (F). Install screws into upright.

3 If your set receives an Endcap Fixture at end of an inline run, skip to step 4. If your set does not receive an Endcap Fixture, install T-Bar End Cap (E) onto top of Standard Uprights with (2) #8 x 3/4" Phillips Sheet Metal Screws (F).

NOTE: These are installed only on the ends of fixtures as shown.



4 In appropriate sequence, fasten T-Bar Top Channels onto T-Bar Connectors and End Caps with #10 x 1/2" F-Type Screws (C) (located with T Bar).



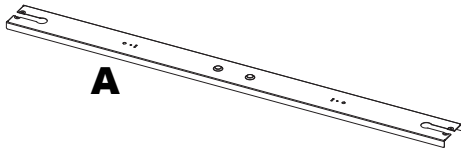
STANDARD TOP
CHANNEL INSTALLATION



IF **NOT** INSTALLING **STANDARD TOP CHANNELS**, SKIP THIS STEP AND GO TO NEXT STEP, **BASE INSTALLATION**.

- 2FT STD CROSS CHANNEL KIT : ITEM# V45012
- 3FT STD CROSS CHANNEL KIT : ITEM# V45013
- 4FT STD CROSS CHANNEL KIT : ITEM# V45014
- 3FT EC STD CROSS CHANNEL KIT : ITEM# V45016
- STANDARD FINISHING CAP - KIT OF 2 : ITEM# V45060

Contents:



Standard Top Channel (1)

Hardware Kit



Electrical Access Plates (2)



#8 x 3/4" Sheet Metal Screw (6)

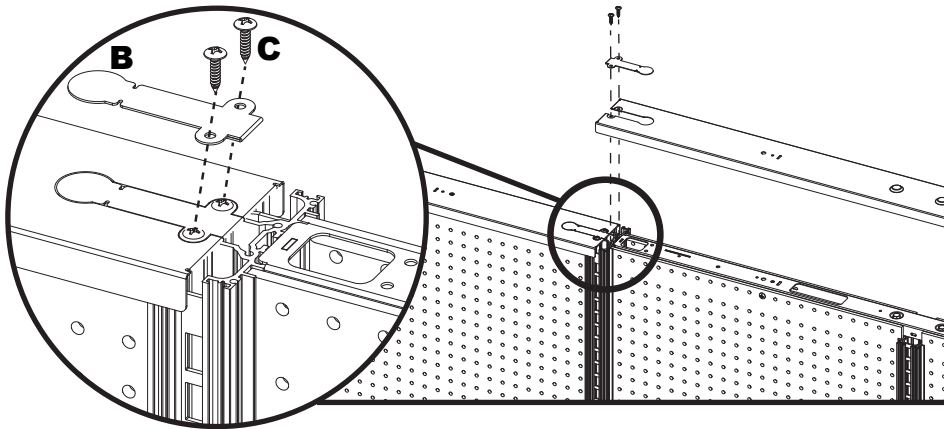


Standard Top Channel Finishing Cap (2)

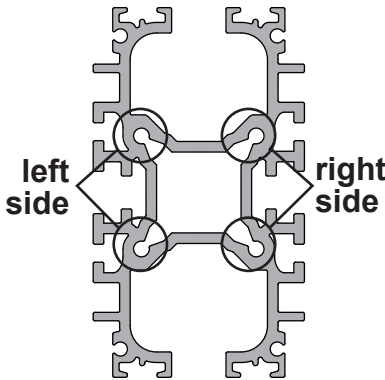


#8 x 3/4" Sheet Metal Screw (4)

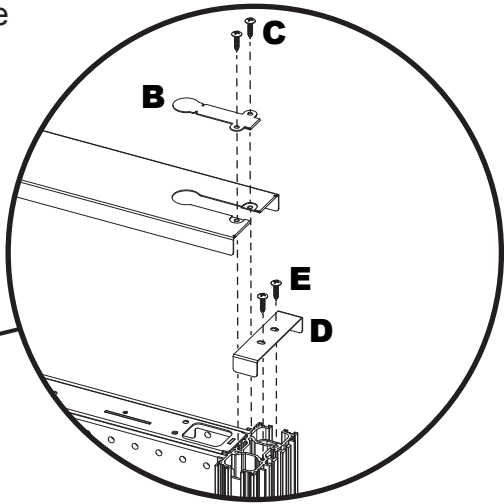
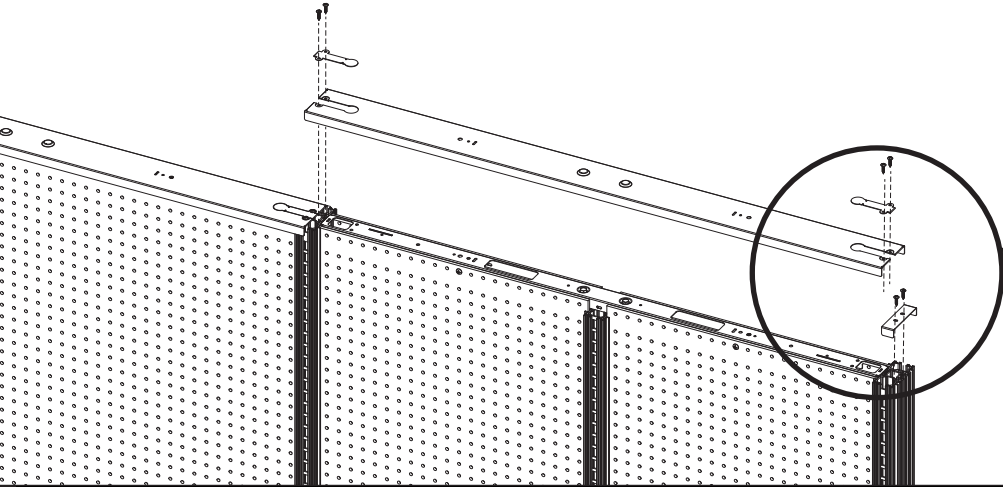
1 Using Standard Top Channels (**A**) and Hardware Kit from Standard Cross Channel Kit (*V45012 2ft Standard Cross Channel Kit shown for reference*), place Electrical Access Plate (**B**) into position at each end of Standard Top Channel (**A**) and fasten in place on top of the Vertical Uprights using (2) #8 x 3/4" Sheet Metal Screws (**C**) .



Install Sheet Metal Screws in two of these areas (left or right side)



2 If your inline run does **NOT** have a Endcap Fixture, install a Standard Top Channel Finishing Cap (**D**) at the **ENDS** of the inline run using (2) #8 x 3/4" phillips sheet metal screws (**E**).



BASE INSTALLATION

- 2FT BASE DECK KIT : ITEM# V45032
- 3FT BASE DECK KIT : ITEM# V45033
- 4FT BASE DECK KIT : ITEM# V45034

Contents:



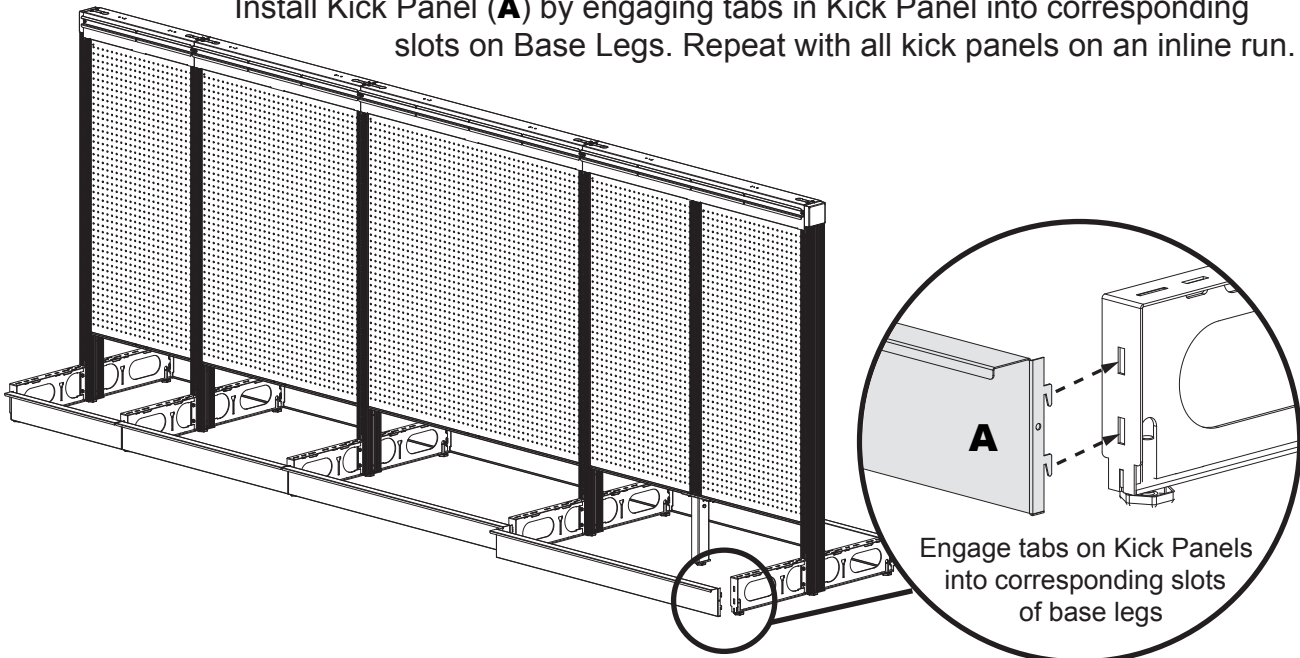
Kick Panel (1)



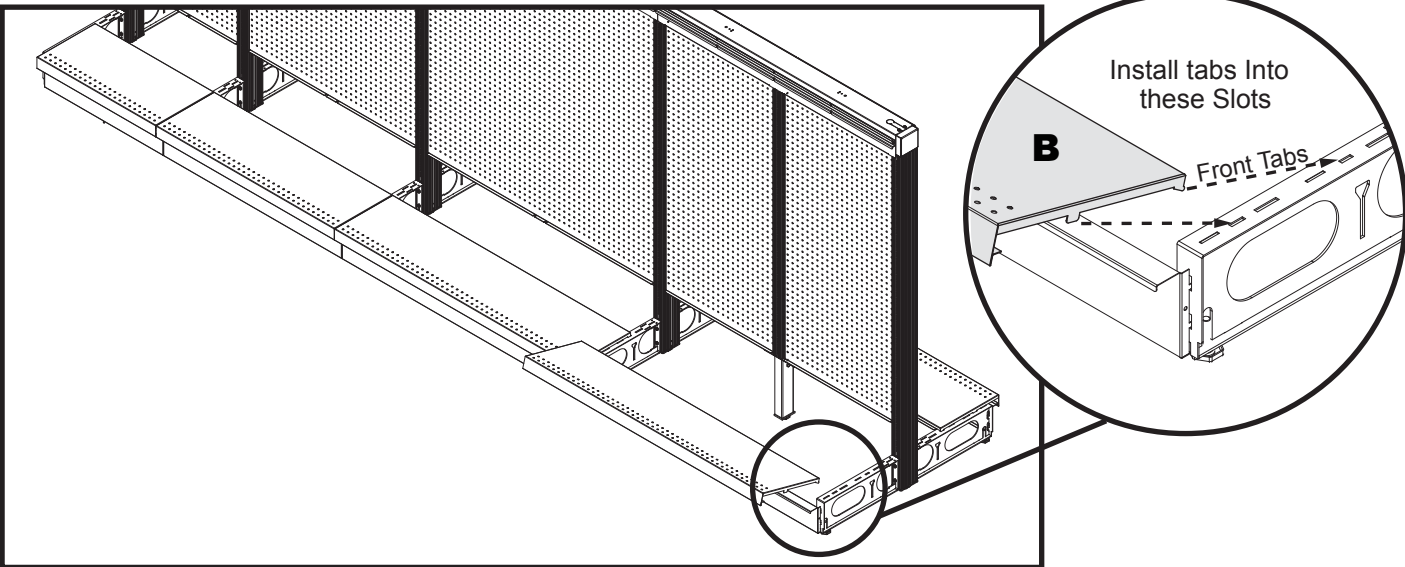
Base Deck Panel (1)

NOTE: This step will use some of the contents located in one of the kits listed above. Additional parts in kit will be used in later steps.

1 Locate appropriate base deck kit (**V45032 2ft Base Deck Kit shown for reference**). Install Kick Panel (**A**) by engaging tabs in Kick Panel into corresponding slots on Base Legs. Repeat with all kick panels on an inline run.



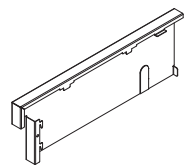
2 Install Base Deck Panel (**B**) by tilting to engage front tabs **FIRST** and then back tabs into appropriate slots. Repeat with all Base Deck Panels on an inline run.



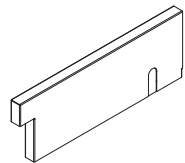
BASE DECK FINISHING CAP INSTALLATION

BASE DECK FINISHING CAP- KIT OF 2 : ITEM# V45031

Contents:



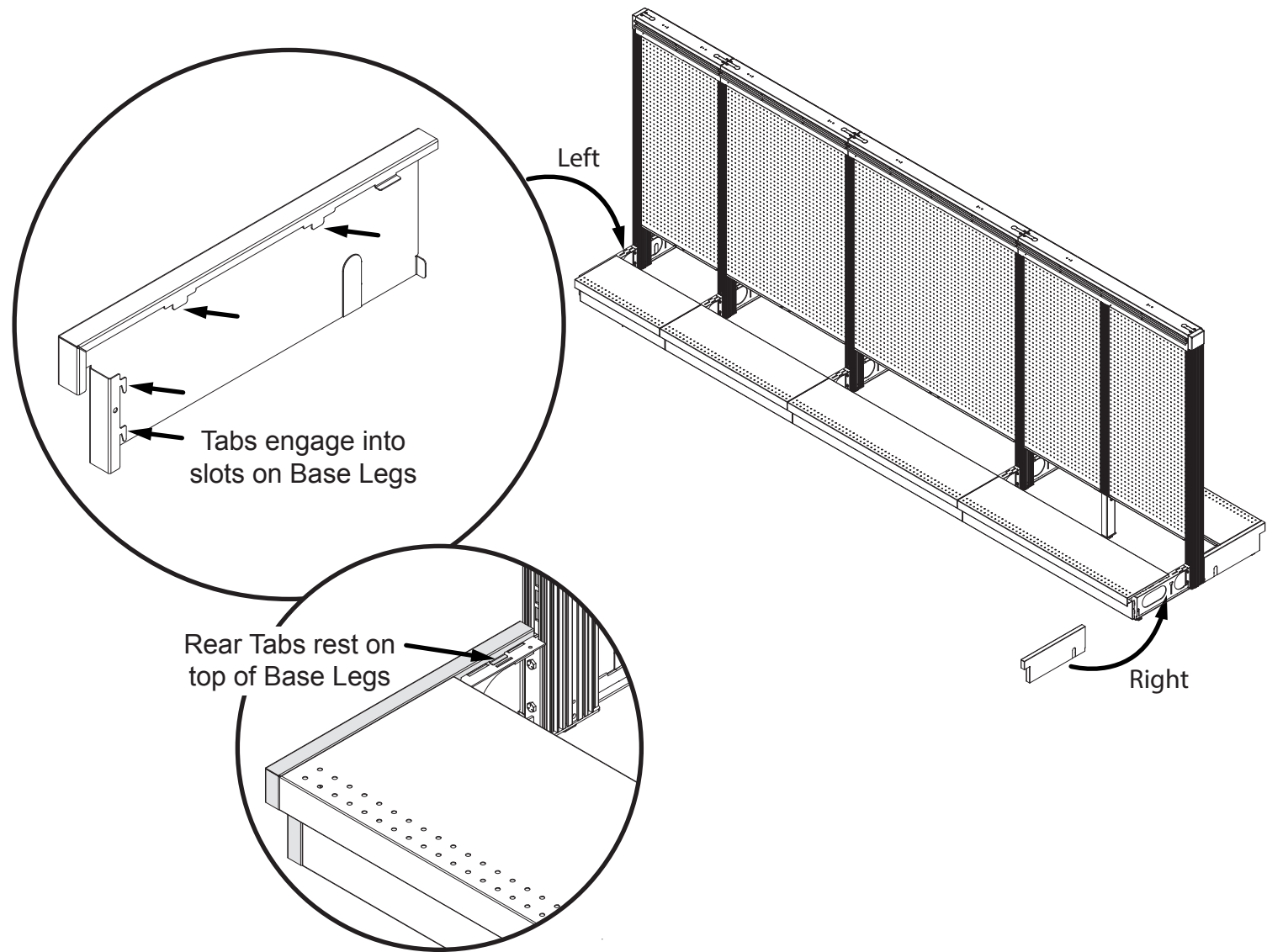
Left Base Deck Finishing Cap (1)



Right Base Deck Finishing Cap (1)

NOTE: Base Deck Finishing Caps must be installed at the end of each inline run, regardless of if it is receiving a Endcap Fixture or not. Base Deck Finishing Caps also get installed on standalone fixtures and on Endcap Fixtures.

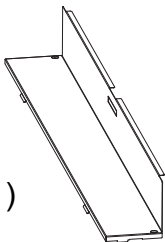
- 1 Install Left Base Deck Finishing Cap onto left end of fixture by engaging into slots on base legs. Repeat with Right Base Deck Finishing Cap on right side. Repeat on opposite side of fixture if dual sided.



LOW DECK ELECTRICAL COVER INSTALLATION

2FT BASE DECK KIT : ITEM# V45032
3FT BASE DECK KIT : ITEM# V45033
4FT BASE DECK KIT : ITEM# V45034

Contents:



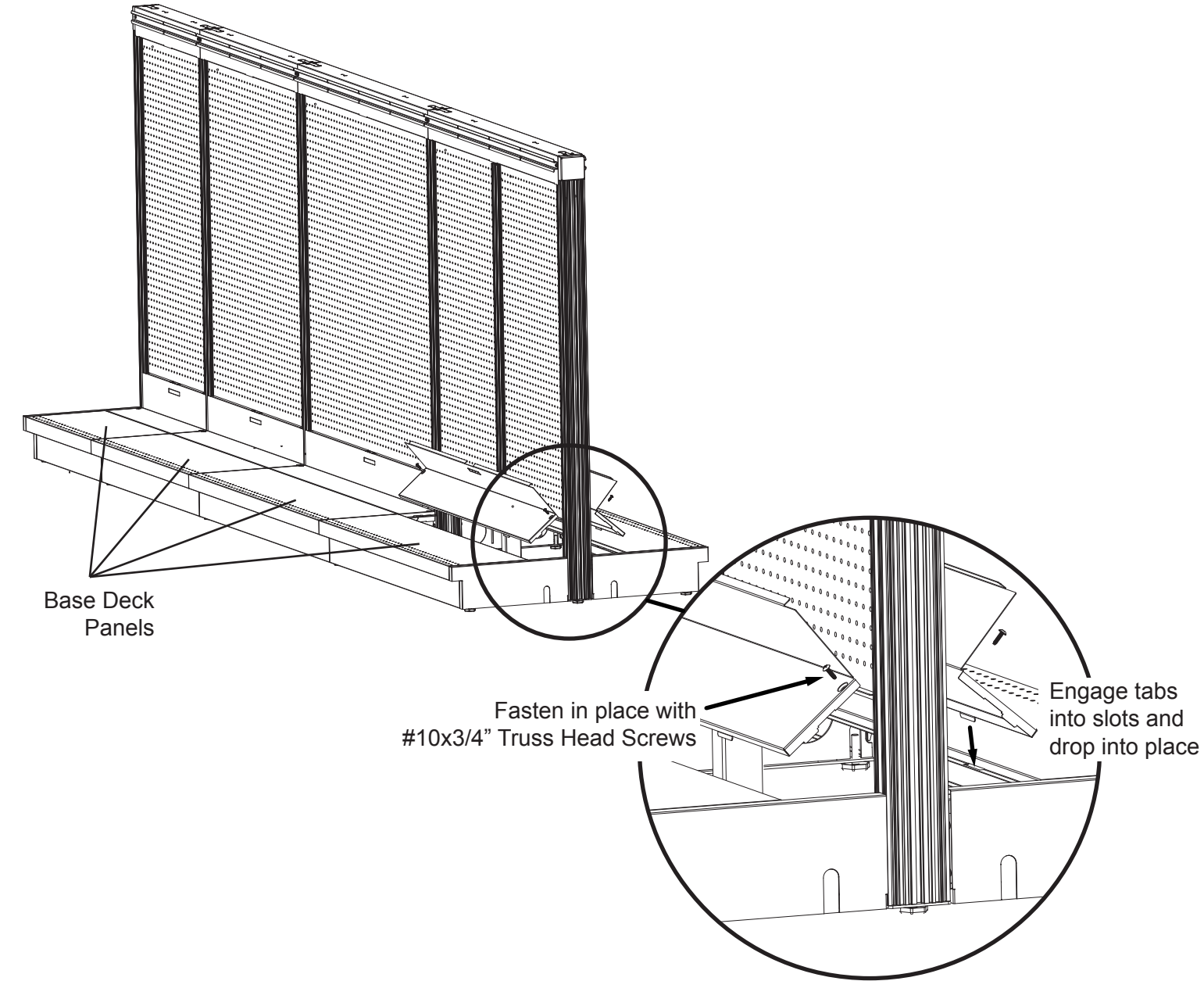
Low Deck Electrical Cover (1)



#10 x 3/4" Truss Head Screw (2)

NOTE: This step will use remaining parts from kit above.

- 1 Install appropriate width Low Deck Electrical Cover by engaging tabs into slots along back of Base Deck Panel. Fasten in place with (2) #10x3/4" Truss Head Screws. Repeat across front and rear of fixture as needed.



ENDCAP FIXTURE ASSEMBLY & INSTALLATION

ALUM UPRIGHT - KIT OF 2 : ITEM # V46202
AND (1) OF THE FOLLOWING:
FLAT LEVELER MOUNT KIT : ITEM # V45058
OR:

BASE LEG - KIT OF 2 : ITEM # V45030
STANDARD LEVELER MOUNT - KIT OF 2 : ITEM # V45037
54 57 ALUMINUM UPRIGHT - KIT OF 2 : ITEM # V46204

! If ENDCAP DOES NOT have a base deck, follow instructions below.
If ENDCAP HAS a base deck, follow instructions on the right side of page.

ENDCAP FIXTURE DOES NOT HAVE A BASE DECK

Contents:

Item #V45058
Flat Leveler Mount Kit

A

B
Leveler (2)

x2
C
#8 x 3/4"
Sheet Metal
Screws (4)

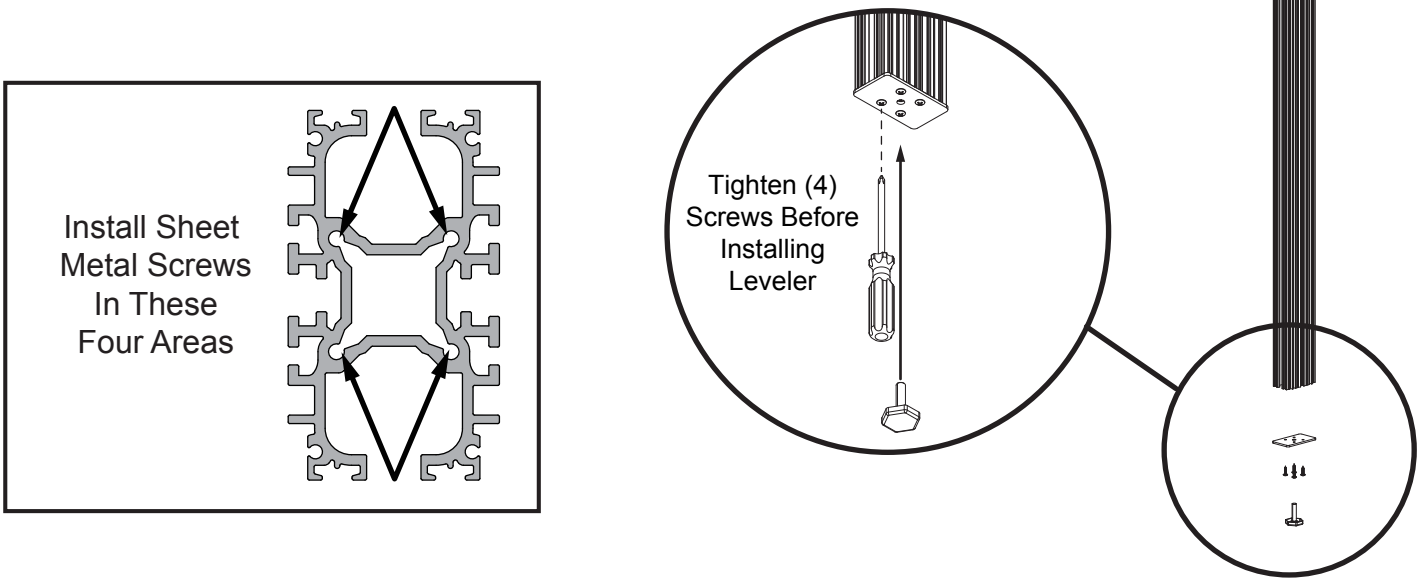
Item# V46202
62 Aluminum Upright (Kit of 2)

D
Aluminum Upright (2)

NOTE: If Inline Fixture is receiving an Endcap Fixture on both ends, repeat process below on both ends of Inline Fixture.

If Endcap Fixture does not have a base deck, locate the Flat Leveler Mount Kit (V45058).

- 1 Remove Leveler (**B**) from Flat Leveler Mount (**A**).
- 2 Install mounting plate into bottom of Upright (**D**) with (4) screws (**C**). Tighten screws.
- 3 Reinstall leveler. **IMPORTANT!** After completing Standard Upright Assemblies, adjust Levelers to minimum height possible. **See Page 3 for details.**
- 4 Repeat on second upright and **proceed to Page 13.**



ENDCAP FIXTURE WITH BASE DECK

Contents:

Item# V45030 - Base Leg (Kit of 2)

A

D
1/4-20 x 3/4"
Hex Head
Bolts (2)

Item# V45057 - Standard Leveler Mount (Kit of 2)

B
Standard Leveler Mount (2)

Item# V46202 - 62 Aluminum Upright (Kit of 2)

C
Aluminum Upright (2)

If Endcap has a base deck, Locate Base Leg Kit (V45030).

1 Slide Standard Leveler Mount(**B**) into bottom of Aluminum Upright (**C**).

2 Attach Base Leg (**A**) onto Upright / Standard Leveler Mount assembly with (2) bolts(**D**). Tighten with 7/16" socket.

3 Repeat process on second Upright and **proceed to Page 13.**

Adjust this Leveler to 1/8" gap

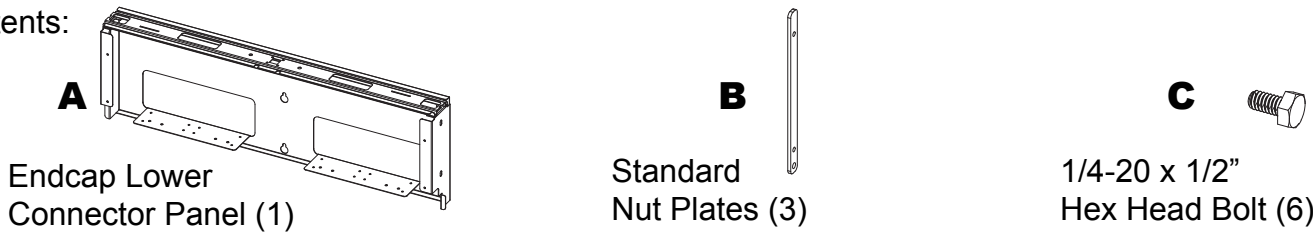
Adjust this Leveler to minimum height possible

IMPORTANT! After completing Standard Upright Assemblies, adjust Levelers. **See Page 3 for details.**

ENDCAP FIXTURE LOWER
CONNECTOR PANEL
WITH OR WITHOUT BASE DECK

3FT EC T-BAR CROSS CHANNEL KIT : ITEM# V45026
3FT EC STD CROSS CHANNEL KIT : ITEM# V45016

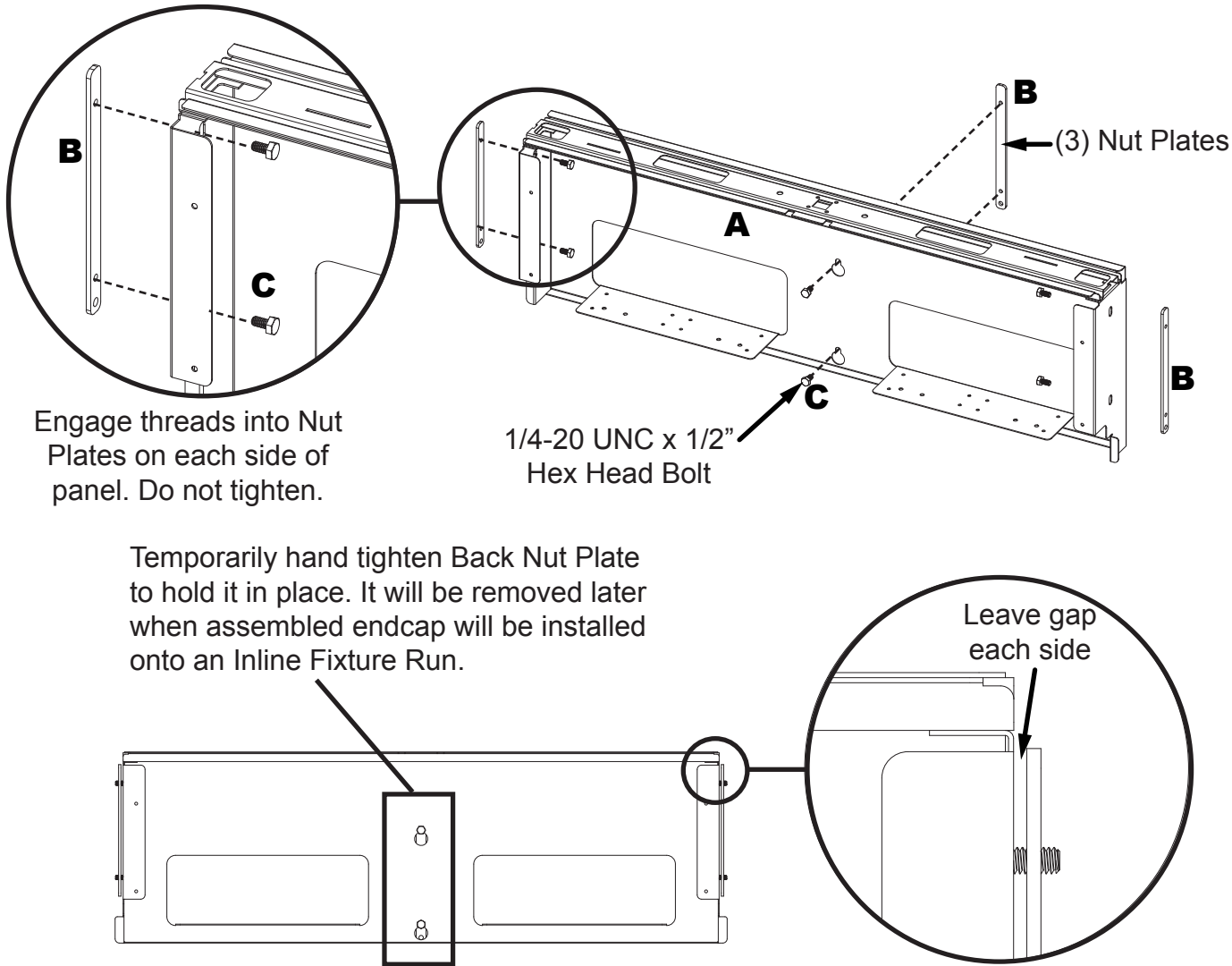
Contents:



NOTE: This step will use some of the contents located in one of the kits above. Additional parts in kit will be used in later steps.

- ① Locate End Cap Cross Channel Kit (V45026 3ft EC T Bar Cross Channel Kit shown for reference). Install Standard Nut Plate (B) to left side of Lower Connector Panel (A) using (2) bolts (C)(do not tighten). Repeat process on right side and rear. Leave gap on each side as shown.

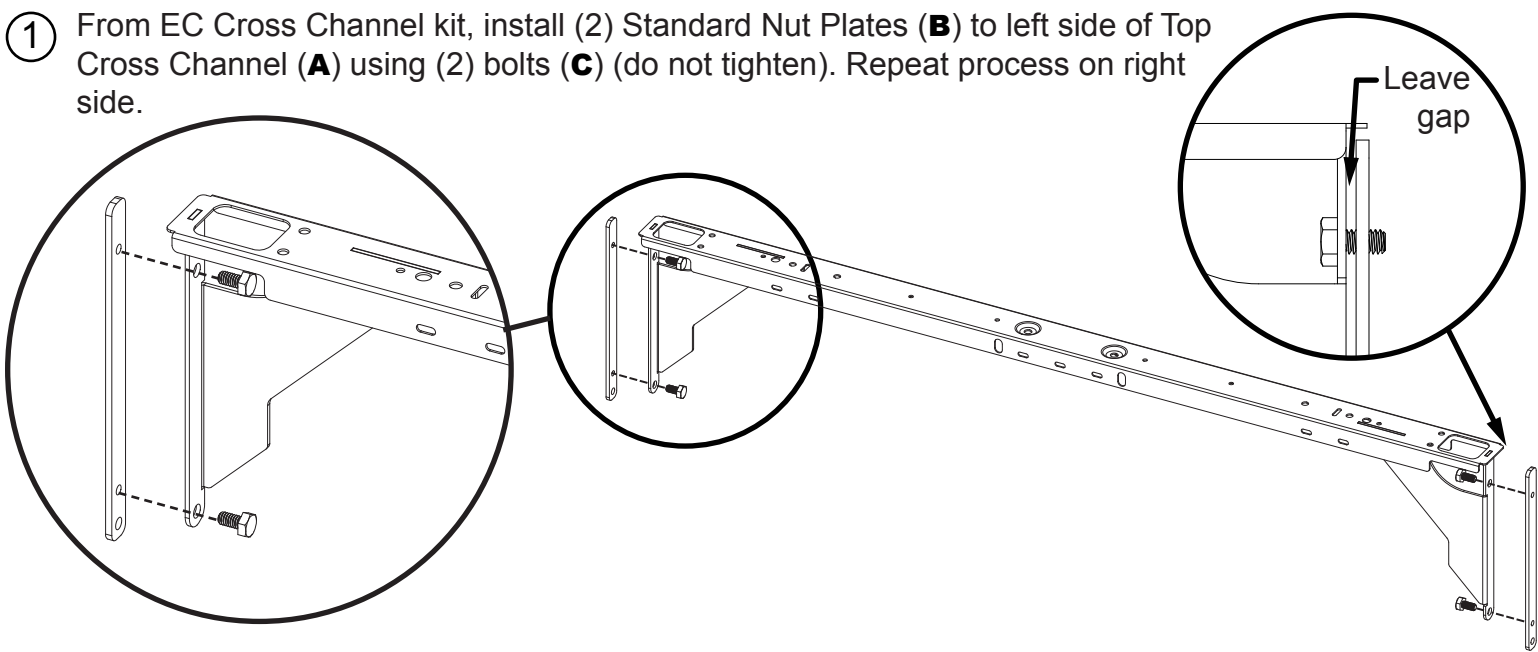
NOTE: Nut Plate installed onto rear of the Connector Panel will be removed later when assembled endcap is installed into Inline Fixture Run.



ENDCAP FIXTURE TOP
CROSS CHANNEL
WITH OR WITHOUT BASE DECK

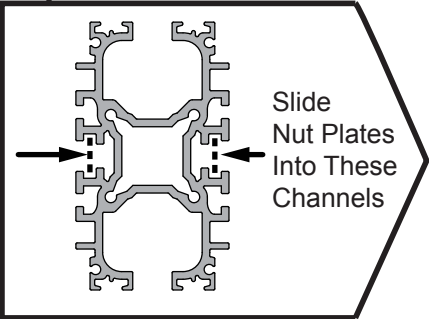
3FT EC T-BAR CROSS CHANNEL KIT : ITEM# V45026
3FT EC STD CROSS CHANNEL KIT : ITEM# V45016

Contents:



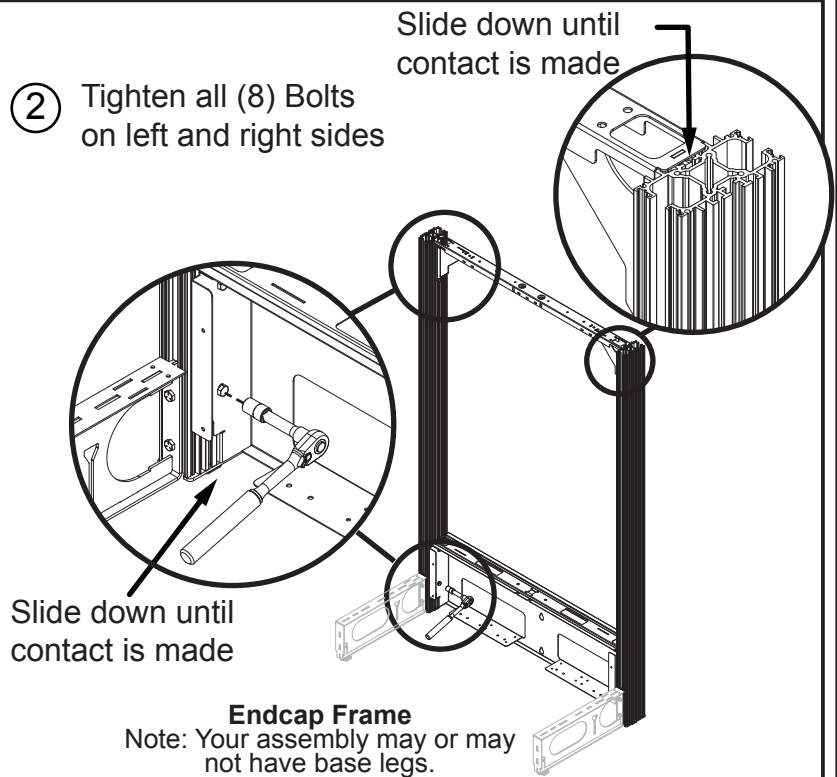
ENDCAP ASSEMBLY

- ① Slide Lower Connector Panel and Top Cross Channel downward between Standard Uprights until contact is made.



Endcap Frame
Note: Your assembly may or may not have base legs.

- ② Tighten all (8) Bolts on left and right sides



Endcap Frame
Note: Your assembly may or may not have base legs.

ENDCAP FIXTURE POG STRIP INSTALLATION

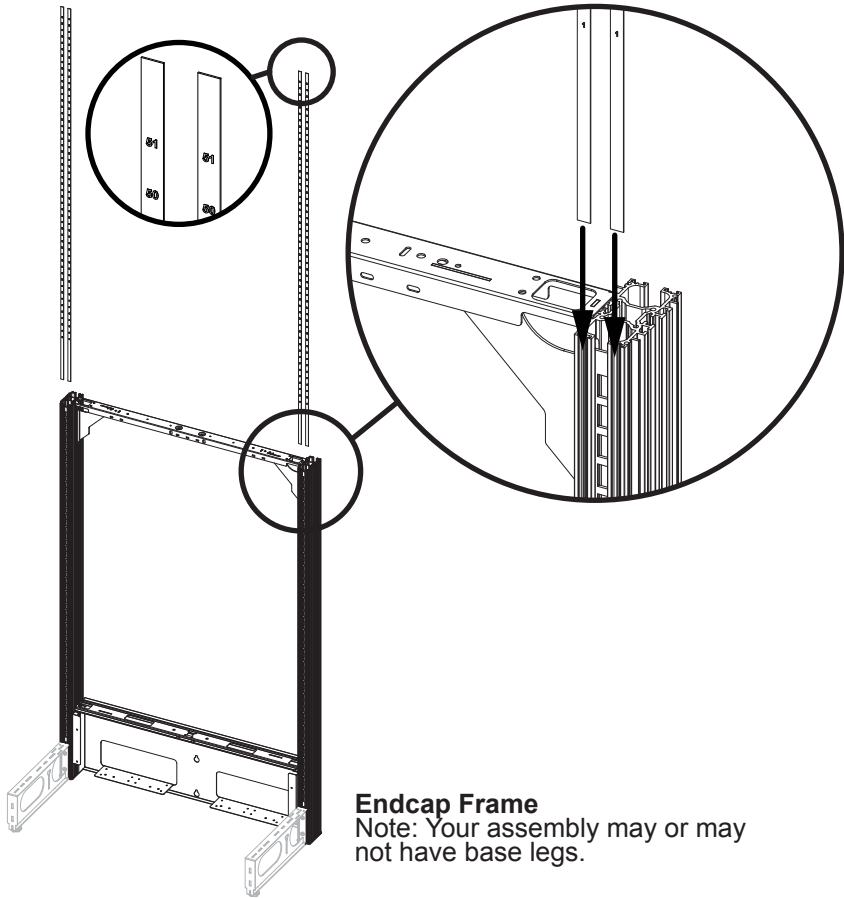
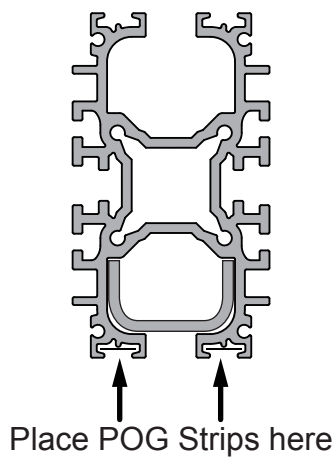
WITH OR WITHOUT BASE DECK

GRAPHIC - STANDARD POG STRIPS : ITEM # V451081
GRAPHIC - 54 STANDARD POG STRIP - KIT OF 4 :
ITEM # V452031

Contents:



- ① If applicable, locate POG strips and install into Uprights, one side only.

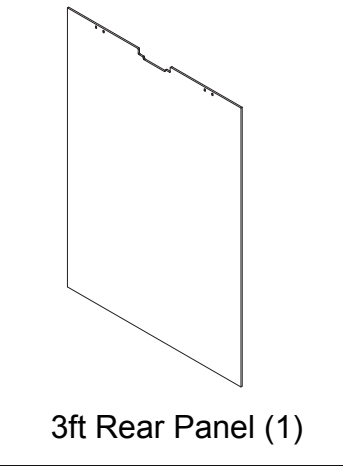


ENDCAP FIXTURE REAR PANEL INSTALLATION

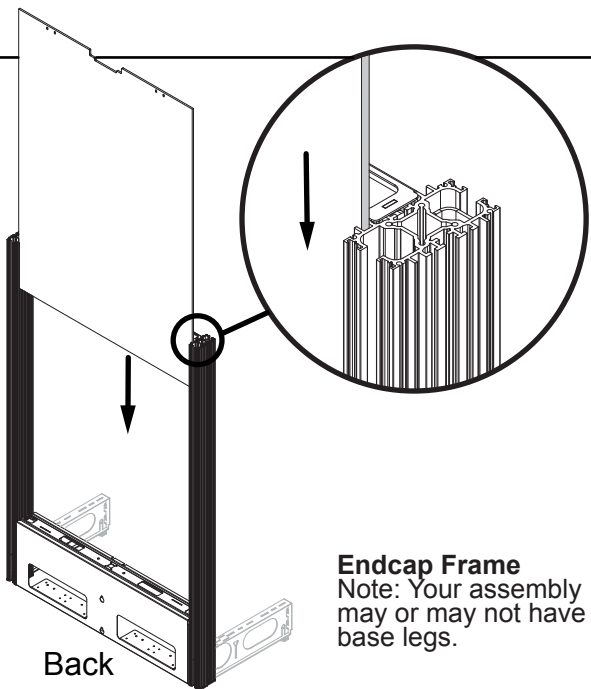
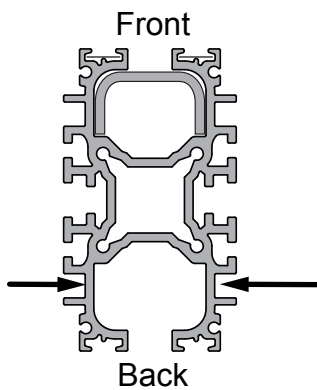
WITH OR WITHOUT BASE DECK

3FT REAR PANEL : ITEM # V451006

Contents:



- ① Install the 3ft Rear Panel Board by sliding into the uprights in the rear position.



ENDCAP FIXTURE MOUNTING BRACKET INSTALLATION

WITH OR WITHOUT BASE DECK

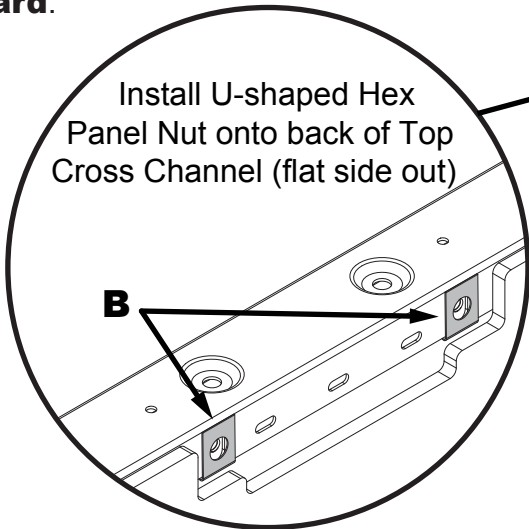
3FT EC MOUNTING BRACKET KIT : ITEM# V45035

Contents:

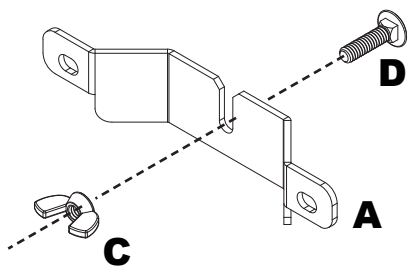
Note: Additional hardware is included that will be used for a different step.

A	B	C	D	E
Endcap Bracket (1)	U-shaped Hex Panel Nuts (2)	1/4-20 Wingnut (1)	1/4-20 x 1" Carriage Bolt(1)	1/4-20 x 1/2" Hex Bolt(1)

- ① Install U-shaped Hex Panel Nuts (**B**) onto back of Top Cross Channel. **Ensure flat side faces outward.**

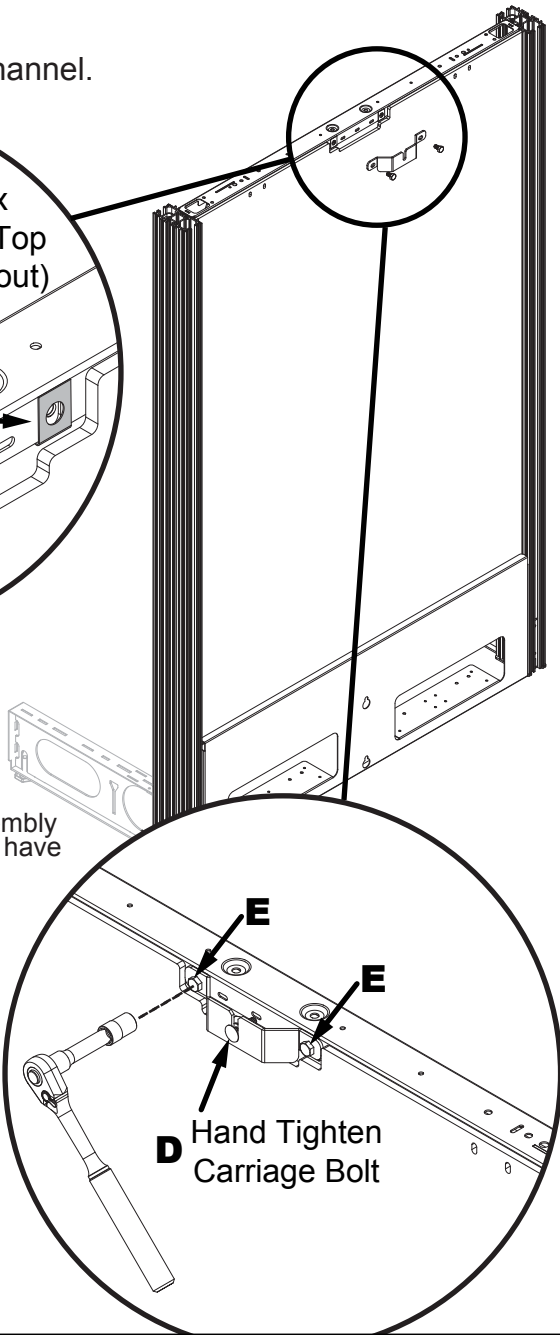


- ② Preassemble Carriage Bolt (**D**) and Wingnut (**C**), and slide into top slot of Endcap Bracket (**A**).



Endcap Frame
Note: Your assembly may or may not have base legs.

- ③ Install Endcap Bracket and hardware onto back of Endcap Fixture. Tighten bolts (**E**) on right and left side of bracket with ratchet wrench. **Hand tighten** Carriage bolt (**E**) and wing nut (**C**) to temporarily hold in place.

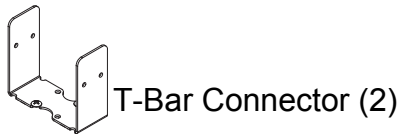


STOP! IMPORTANT! Before proceeding with additional Endcap assembly, follow the next steps to install the partially complete Endcap onto the inline fixture run.

PREPARE INLINE FIXTURE TO
RECEIVE AN ENDCAP FIXTURE

T-BAR CONNECTOR - KIT OF 2 : ITEM # V45028

Contents:



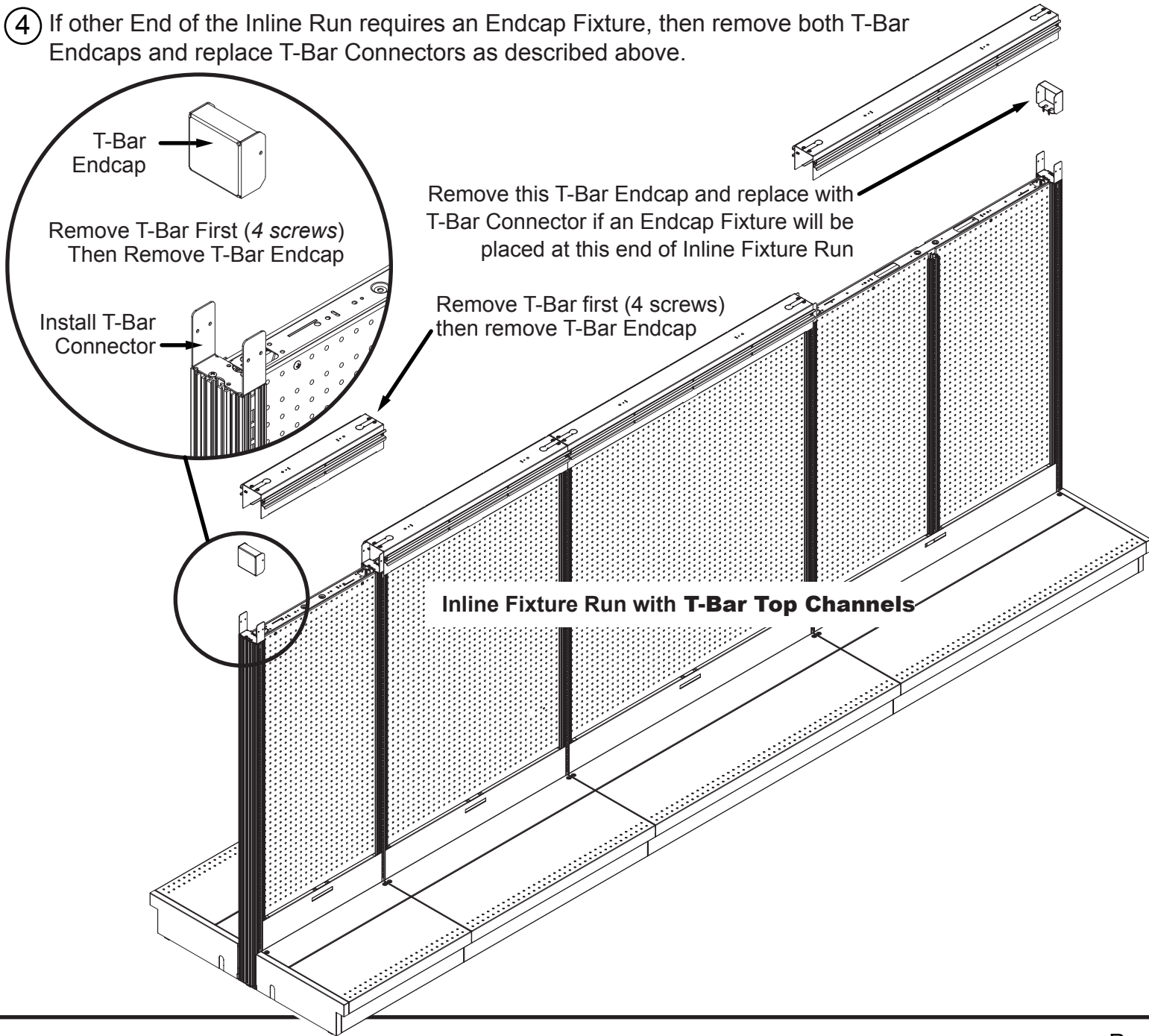
T-Bar Connector (2)



#8 x 3/4"
Sheet Metal Screw (4)

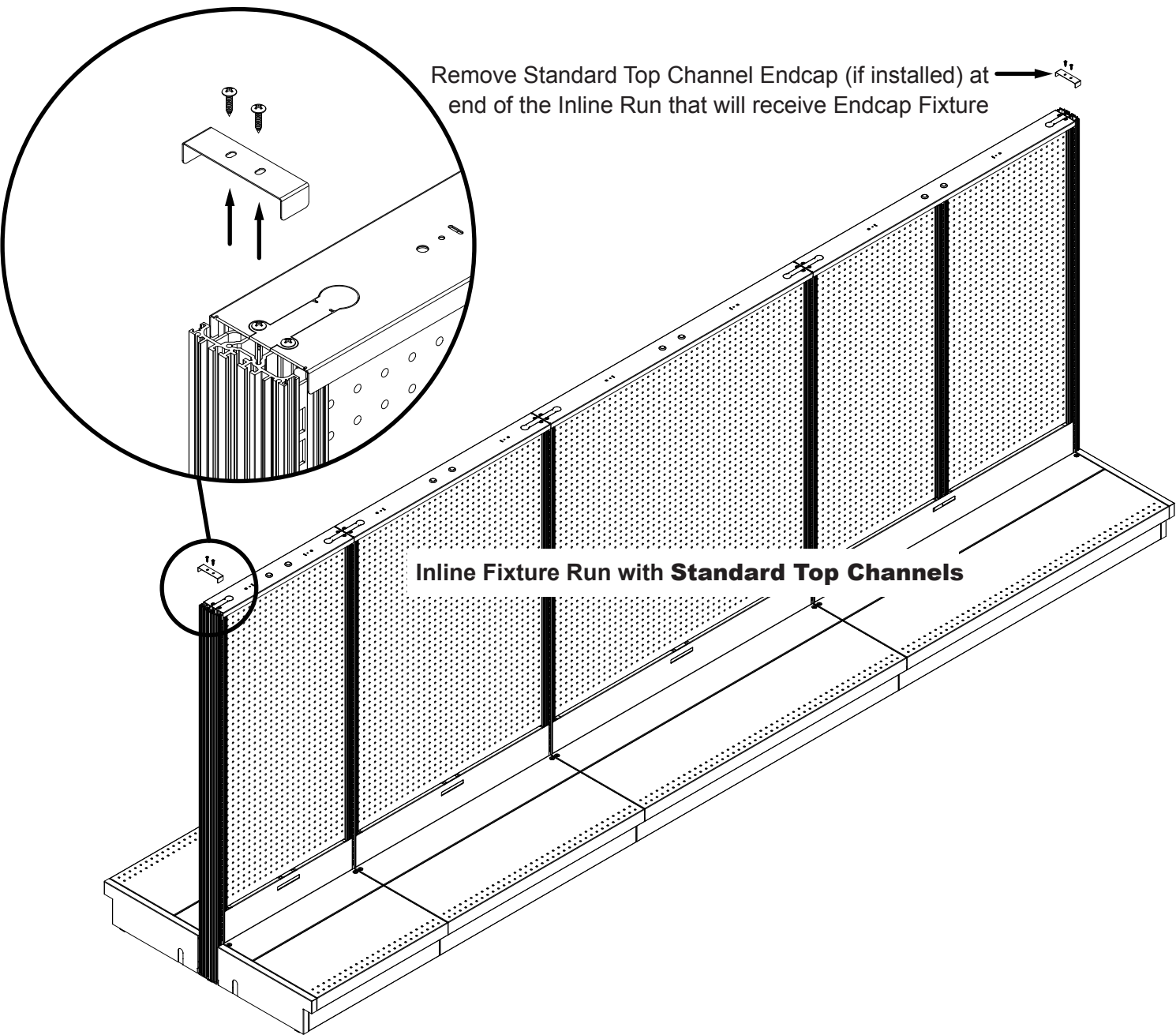
If unit has **T-Bar Top Channels** and will receive an Endcap Fixture:

- 1 Remove (4) screws that hold T-Bar Top Channel in place at each end of Inline Run and lift it off the Inline Run Fixture.
- 2 Remove (2) screws that hold the T-Bar Endcap in place and replace with a T-Bar Connector (from kit V45028).
- 3 Reinstall the T-Bar Top Channel.
- 4 If other End of the Inline Run requires an Endcap Fixture, then remove both T-Bar Endcaps and replace T-Bar Connectors as described above.



If unit has **Standard Top Channels** and will receive an Endcap fixture:

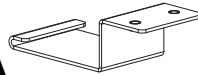

- 1 Remove (2) screws that hold Standard Top Channel Endcap (if installed) at end of Inline Run that will receive Endcap Fixture.
- 2 If other End of the Inline Run requires an Endcap Fixture, then remove both Standard Top Channel Endcaps.



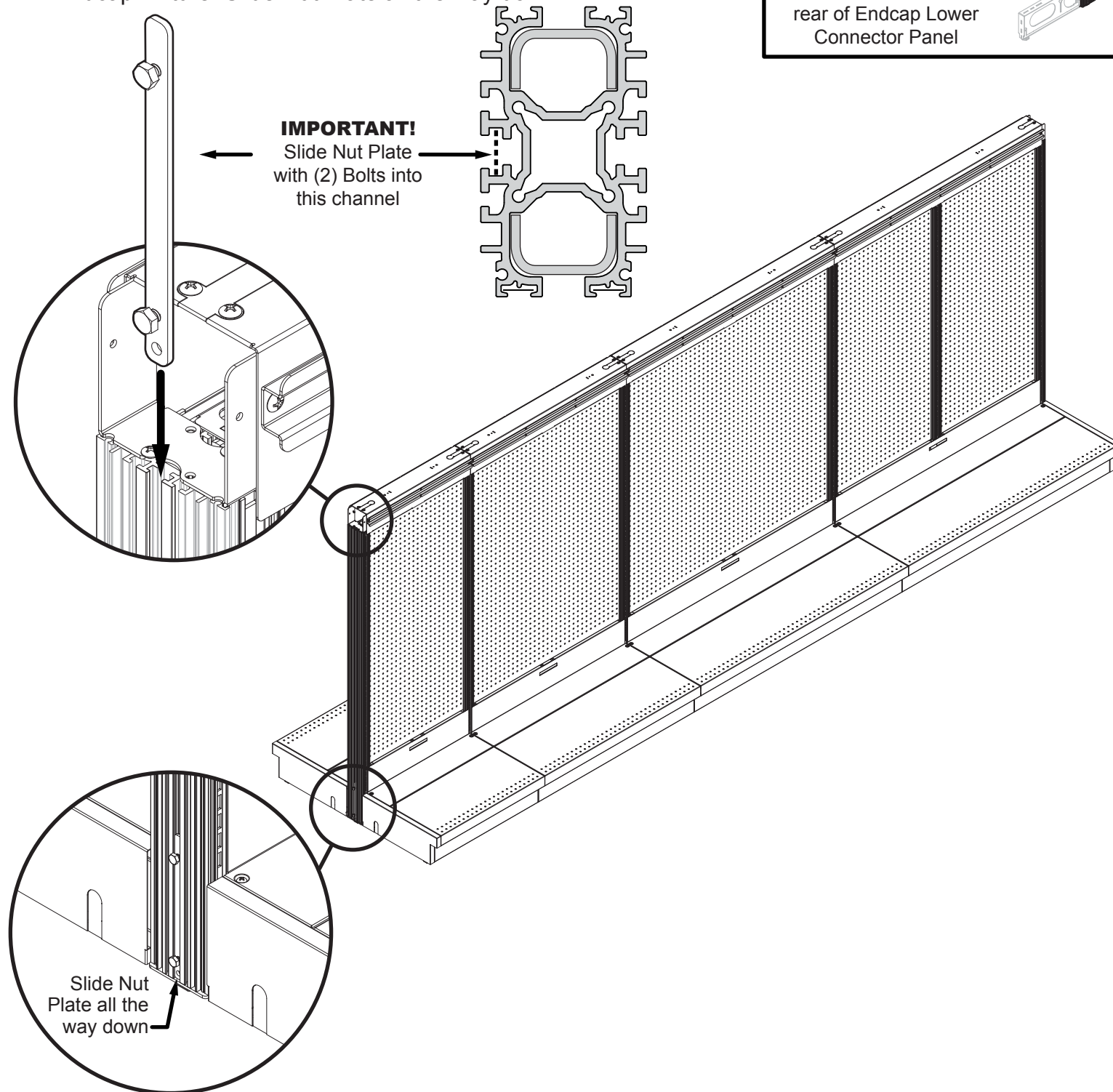
INSTALL ENDCAP FIXTURE WITH OR WITHOUT BASE DECK

3FT EC MOUNTING BRACKET KIT :
ITEM# V45035

Contents:

- A**  Endcap Stabilizer Bracket (2)
- B**  10-24 x 1/2" Thread Cutting Screws (2)

- 1 Remove Nut Plate from rear of the Endcap Lower Connector Panel.
- 2 Install Nut Plate with Bolts into any end of Inline Fixture receiving a Endcap Fixture. Slide Nut Plate all the way down.



Endcap Frame
Note: Your assembly may or may not have base legs.

Remove Nut Plate from rear of Endcap Lower Connector Panel

- 3 Move partially assembled Endcap up against upright at end of inline run.
- 2 Engage Hex Head bolts on Nut Plate into Keyhole Slots of Lower Connector Panel.
- 3 Adjust both Levelers on endcap base legs and uprights to align bolts with Keyhole Slot.
- 4 Bolts should be at top of Keyhole Slot. Do not tighten bolts at this time.

Endcap Frame
Note: Your assembly may or may not have base legs.

Engage Bolts Into Keyhole Slots

Place Bolt head here

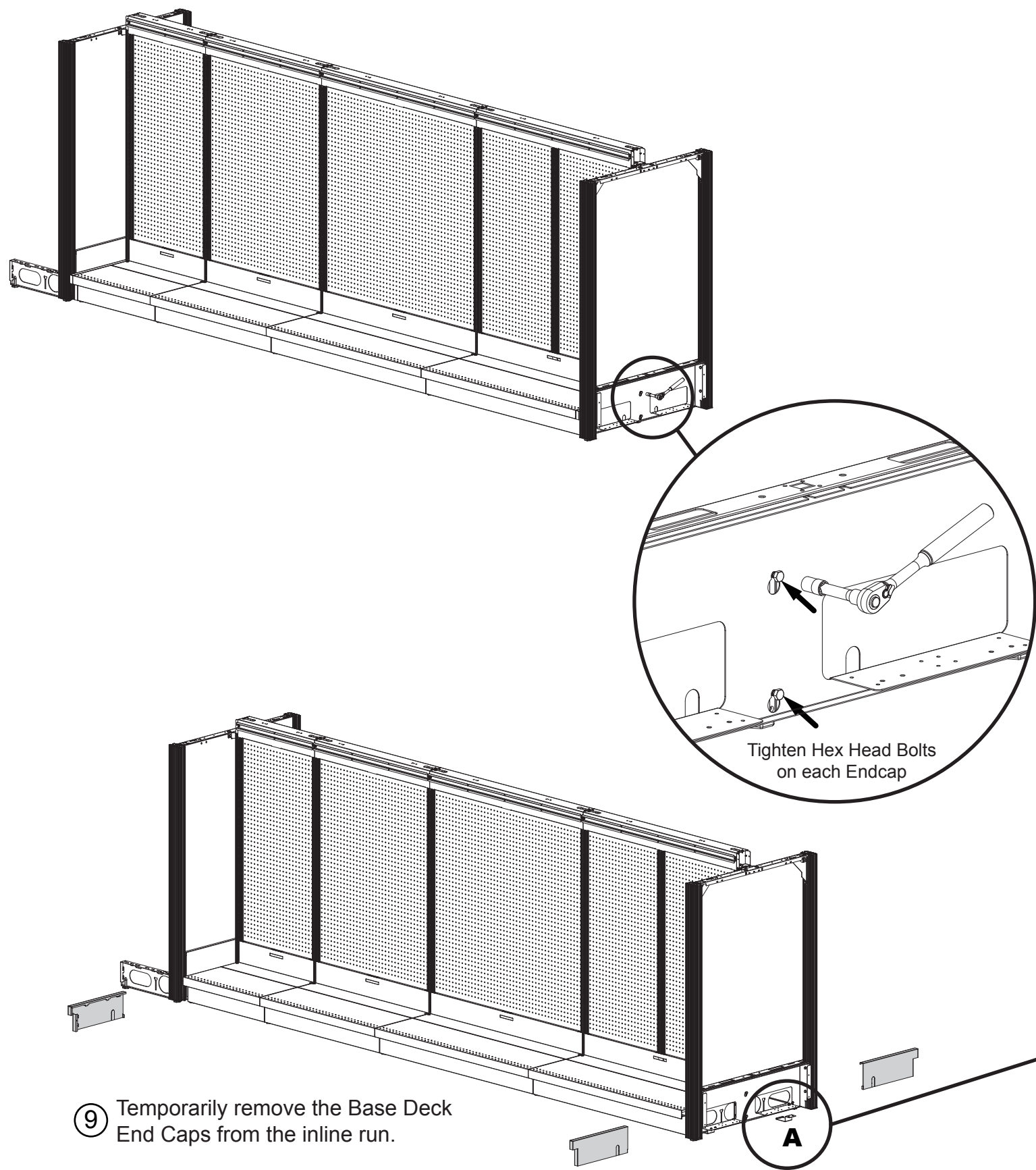
- 6 Install carriage bolt and wingnut (already located as place holder in bracket) into the standard upright and bracket in location as indicated.

- 7 Tighten wing nut securely.

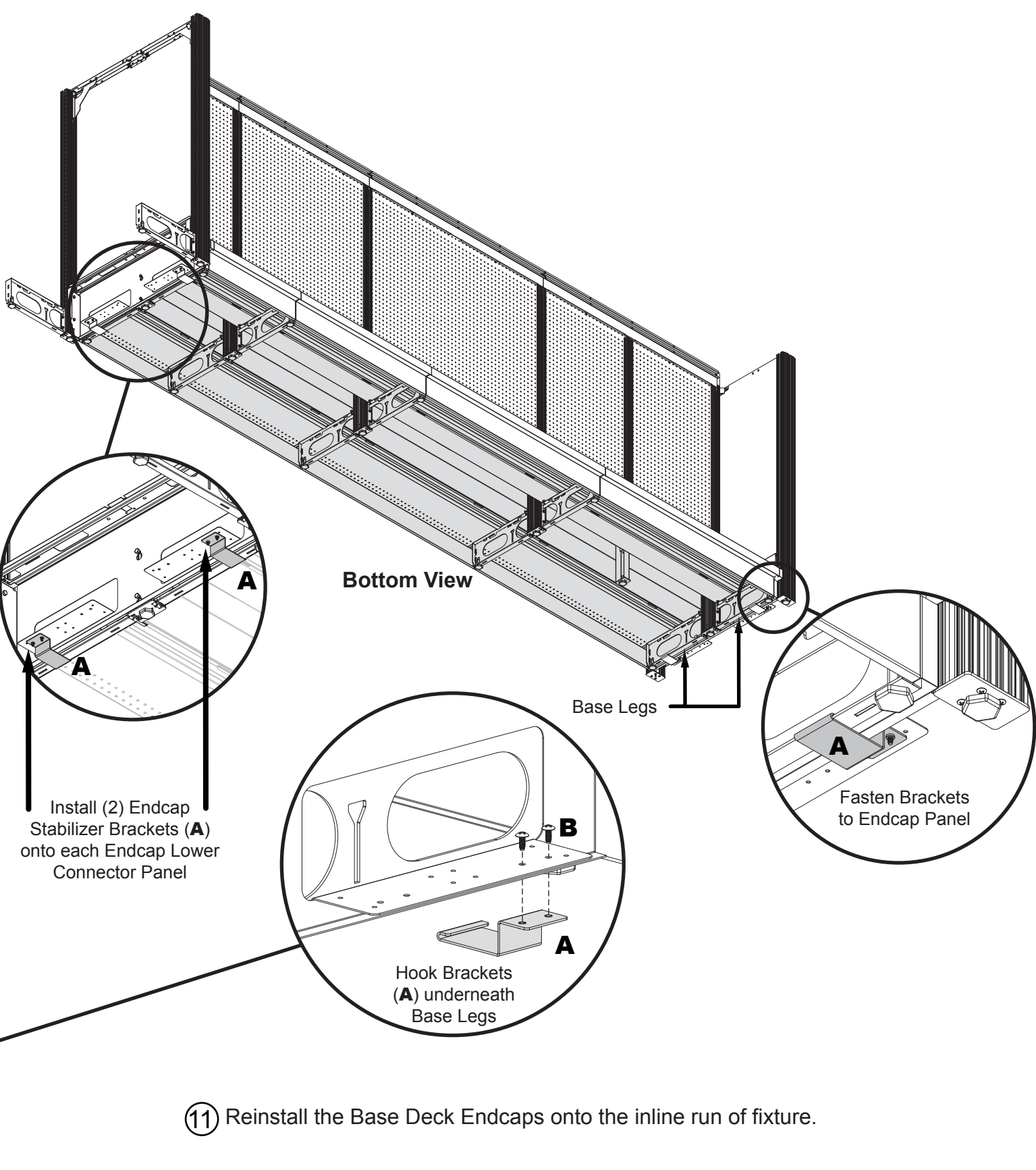
Standard Top Channel

INSTALL ENDCAP FIXTURE WITH OR WITHOUT BASE DECK (CONTINUED)

⑧ Tighten hex head bolts on each end cap.



⑩ Locate the End Cap Stabilizer Brackets (A) from the EC Mounting Bracket Kit (V45035). Install (2) Endcap Stabilizer Brackets onto each Endcap Lower Connector Panel by hooking brackets underneath base legs and fastening in place. Ensure brackets lock into place and fasten with (2) 10-24 x 1/2" screws (B) each.



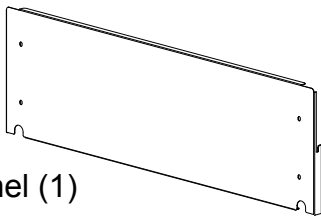
ENDCAP FIXTURE
LOWER BLANK PANEL
WITHOUT BASE DECK

3FT EC FLAT FRONT FINISHING KIT : ITEM # V45046



IF ENDCAP FIXTURE **HAS** A
BASE DECK, SKIP THIS STEP AND
GO TO NEXT STEP, **ENDCAP
SLOTTED U-CHANNEL**.

Contents:



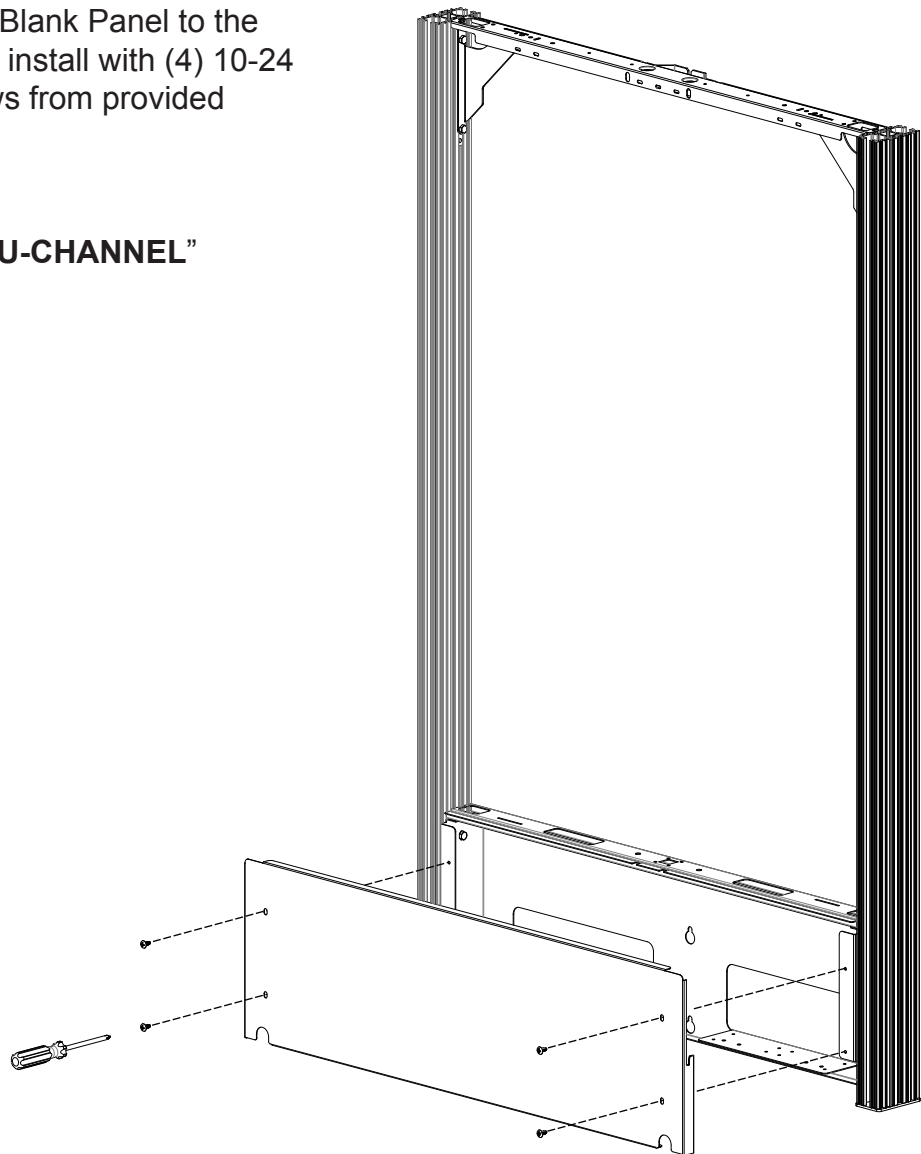
End Cap Lower Blank Panel (1)



10-24 x 1/2" F Type Screws (4)

① If **Endcap Fixture** does not have a base,
place End Cap Lower Blank Panel to the
front of the frame, and install with (4) 10-24
x 0.500" F Type Screws from provided
hardware kit.

② Proceed to next step
“**ENDCAP SLOTTED U-CHANNEL**”



ENDCAP FIXTURE SLOTTED
U-CHANNEL
WITH OR WITHOUT BASE DECK

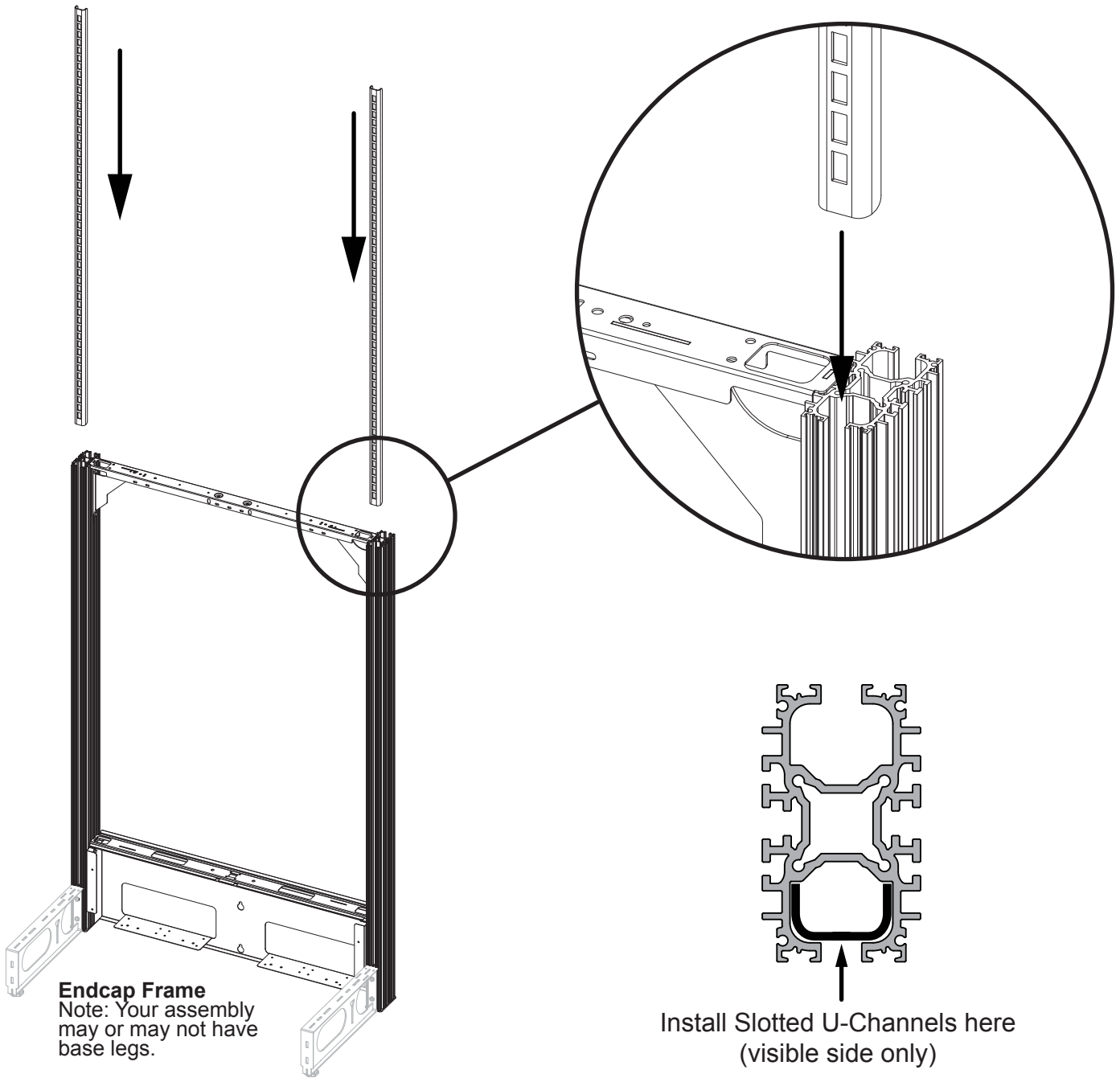
62-13 SLOTTED U CHNL - KIT OF 2 : ITEM# V46212
62-13 SLOTTED U CHNL - KIT OF 4 : ITEM# V46214
62-8 SLOTTED U CHNL - KIT OF 4 : ITEM# V46284
62-8 SLOTTED U CHNL - KIT OF 2 : ITEM# V46282
54 57 - 13 SLOTTED U-CHANNEL - KIT OF 2 : ITEM # V46208
54 57 - 13 SLOTTED U-CHANNEL - KIT OF 4 : ITEM # V46209

Contents:



Slotted U-channel

① Use appropriate Slotted U-Channel Kit (62-13 *Slotted U Chnl* - Kit of 2 Item# V46212
shown for reference). Slide Slotted U-Channel down into top of Upright.



ENDCAP PEG PANEL INSTALLATION

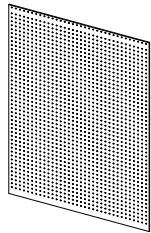
WITH OR WITHOUT BASE DECK

3FT PEG PANEL : ITEM # V451003
HARDWARE KIT - PANEL BOARD SECURING : ITEM # V451017
54IN 3FT PEG PANEL : ITEM # V451008

Contents:

A

Peg Panel



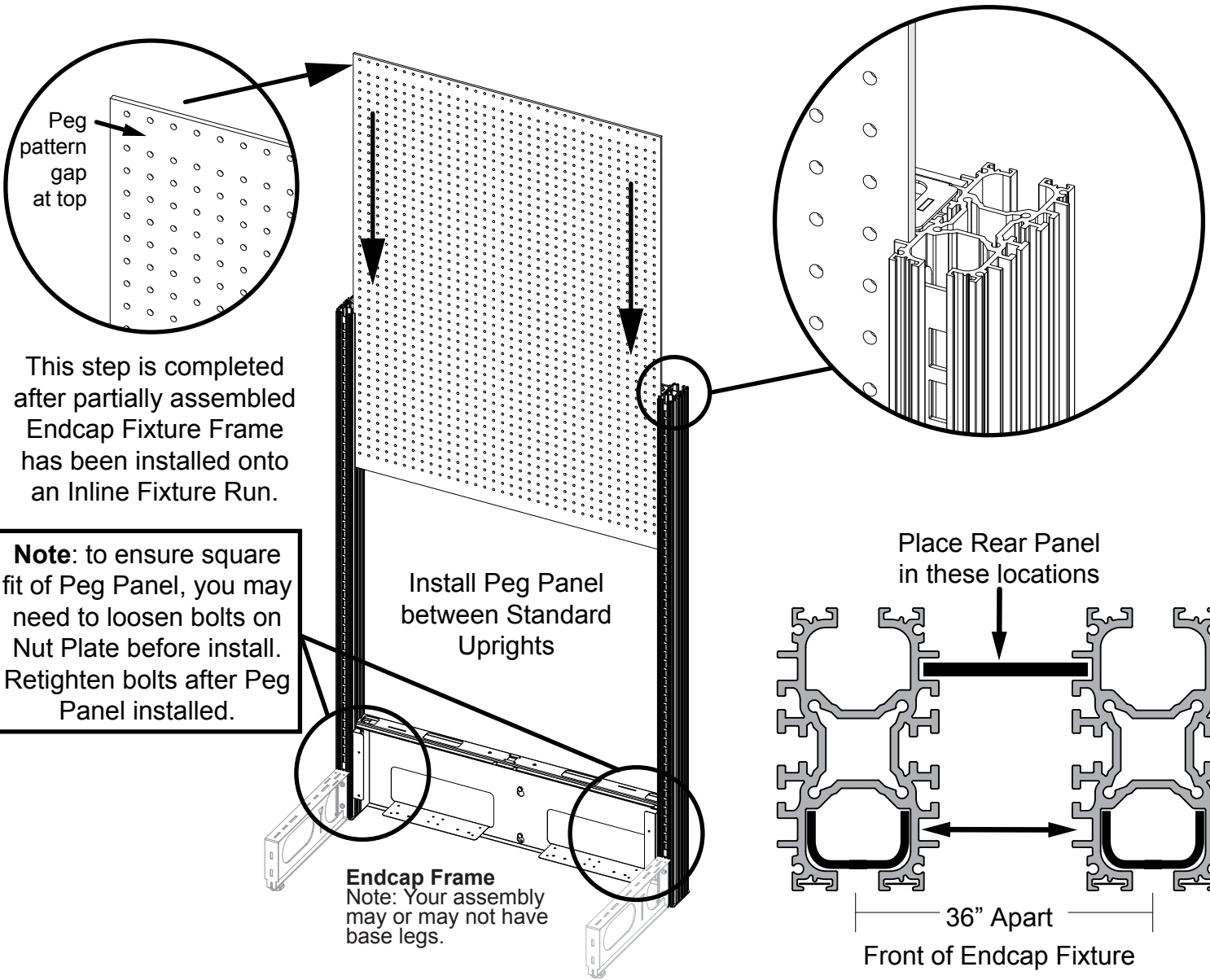
B



#10 x 1/2" Screws (4)

① Install front Peg Panels (**A**) by sliding into Uprights.

NOTE: Orient peg panels in correct location per image shown. Peg pattern with gap should be oriented in the top.



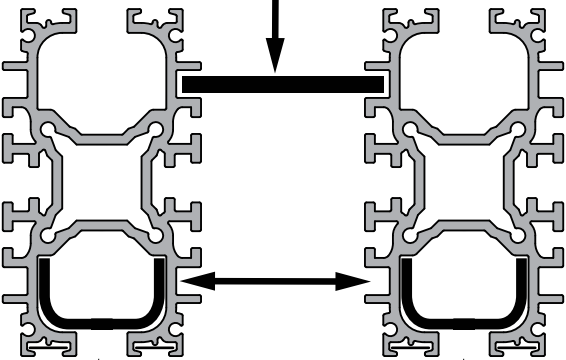
This step is completed after partially assembled Endcap Fixture Frame has been installed onto an Inline Fixture Run.

Note: to ensure square fit of Peg Panel, you may need to loosen bolts on Nut Plate before install. Retighten bolts after Peg Panel installed.

Install Peg Panel between Standard Uprights

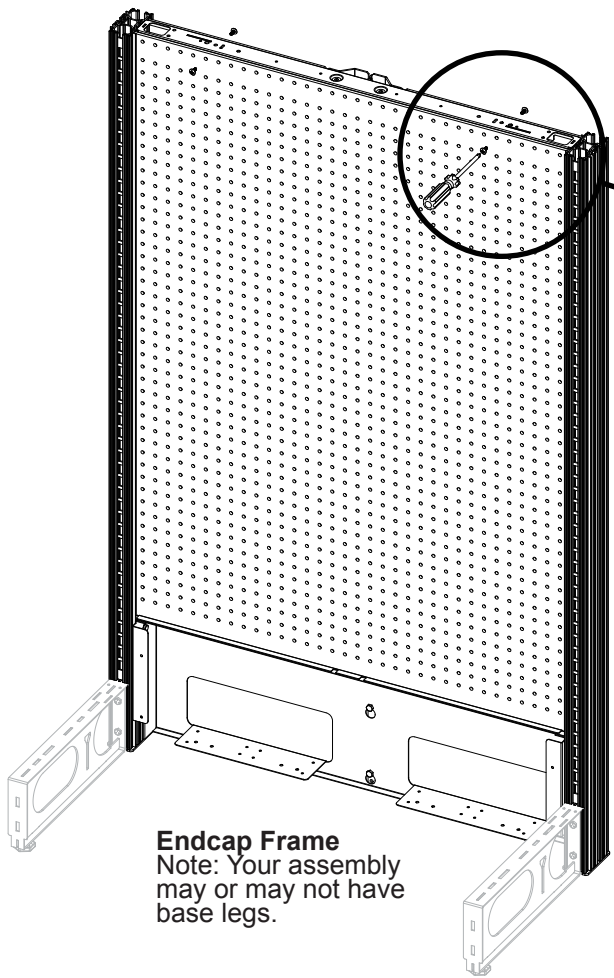
Endcap Frame
Note: Your assembly may or may not have base legs.

Place Rear Panel in these locations

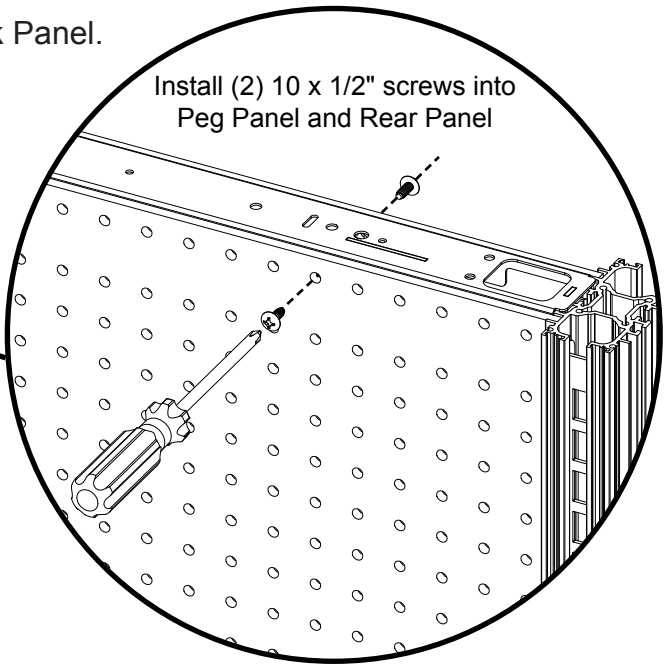


36" Apart
Front of Endcap Fixture

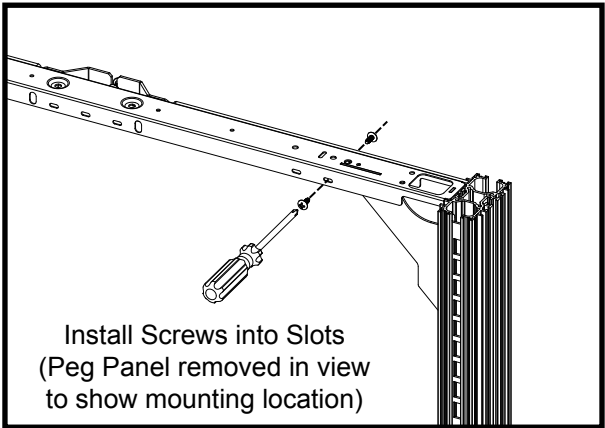
② Install (2) #10 x 1/2" screws into Peg Panel and Back Panel.



Endcap Frame
Note: Your assembly may or may not have base legs.



Install (2) 10 x 1/2" screws into Peg Panel and Rear Panel

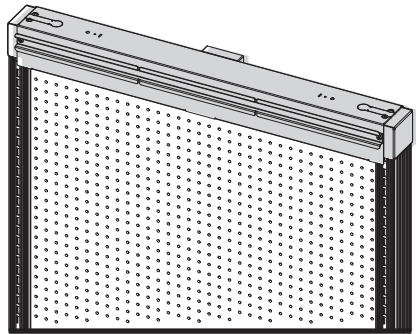


Install Screws into Slots
(Peg Panel removed in view to show mounting location)

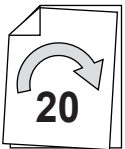


ENDCAP TOP CHANNELS

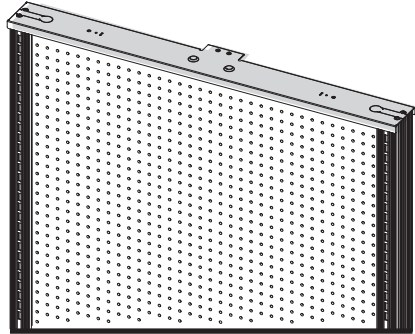
There are two different styles of Top Channels available



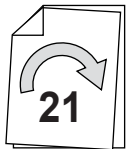
Endcap With
T-BAR Top Channel



IF INSTALLING T-BAR TOP CHANNEL, GO TO PAGE 20, T-BAR TOP CHANNEL.



Endcap With
STANDARD Top Channel



IF INSTALLING STANDARD TOP CHANNEL, GO TO PAGE 21, STANDARD TOP CHANNEL.

ENDCAP FIXTURE T-BAR TOP CHANNEL INSTALLATION WITH OR WITHOUT BASE DECK

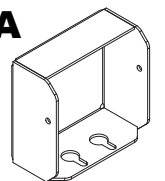
T-BAR FINISHING CAP - KIT OF 2 : ITEM# V45029
3FT EC T-BAR CROSS CHANNEL KIT : ITEM# V45026




IF INSTALLING **STANDARD TOP CHANNELS**, GO TO PAGE 21, **ENDCAP STANDARD TOP CHANNEL**.

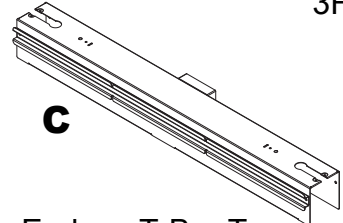
Contents:

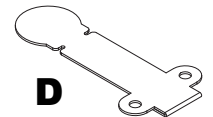
T-Bar Finishing Kit of 2 #V45029


A  T-Bar Finishing Cap (2)

B  #8 x 3/4" Phillips Sheet Metal Screws (4)

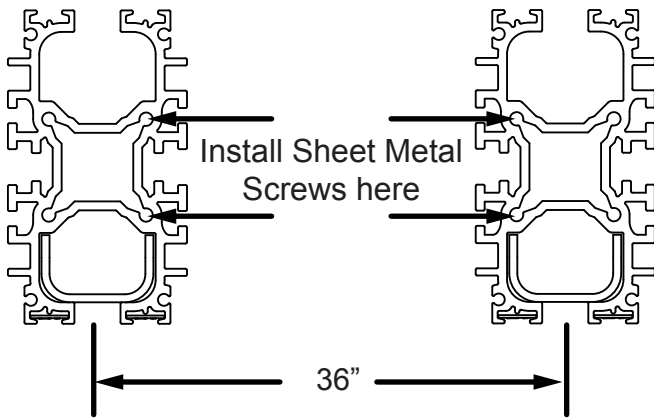
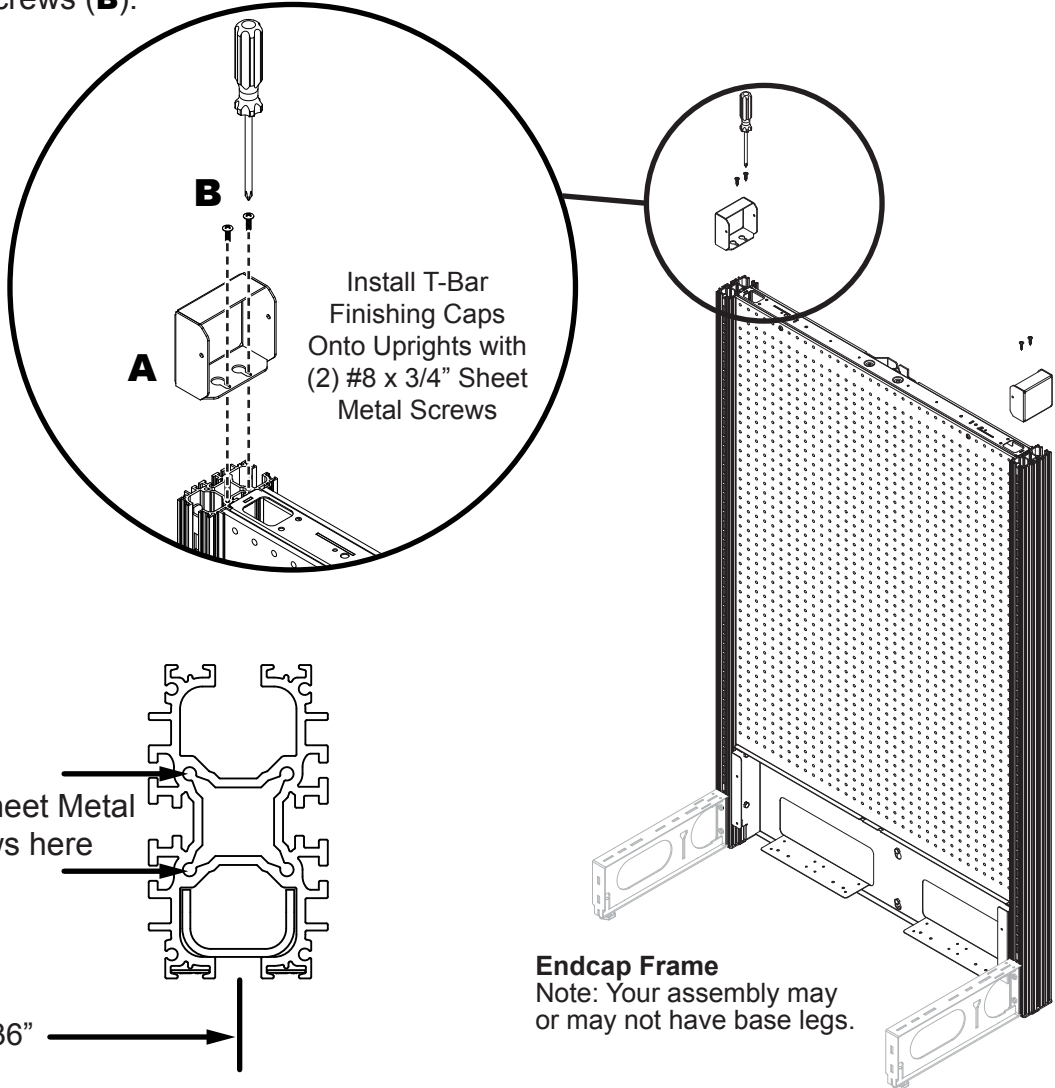
3FT EC T-Bar Cross Channel Kit #V45026

C  Endcap T-Bar Top Channel (1)

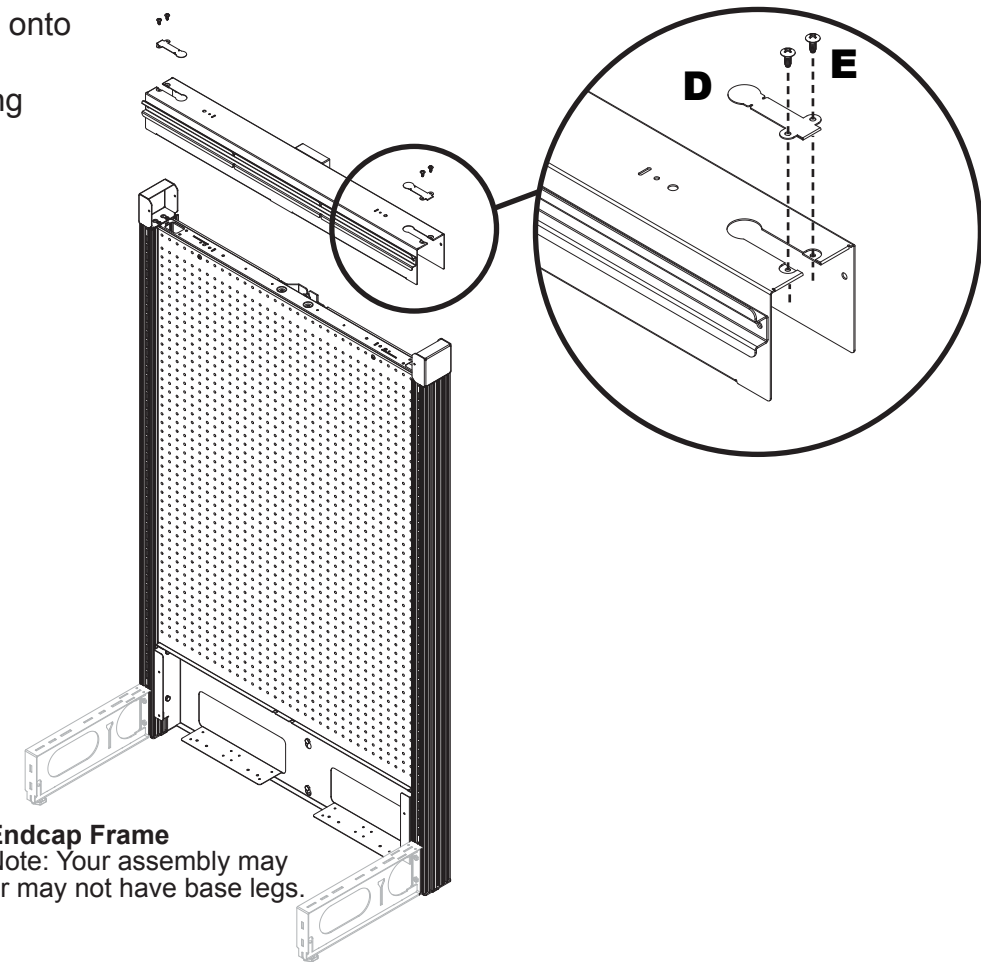
D  Electrical Access Plates (2)

E  #10 x 1/2" F-Type Screws (10)

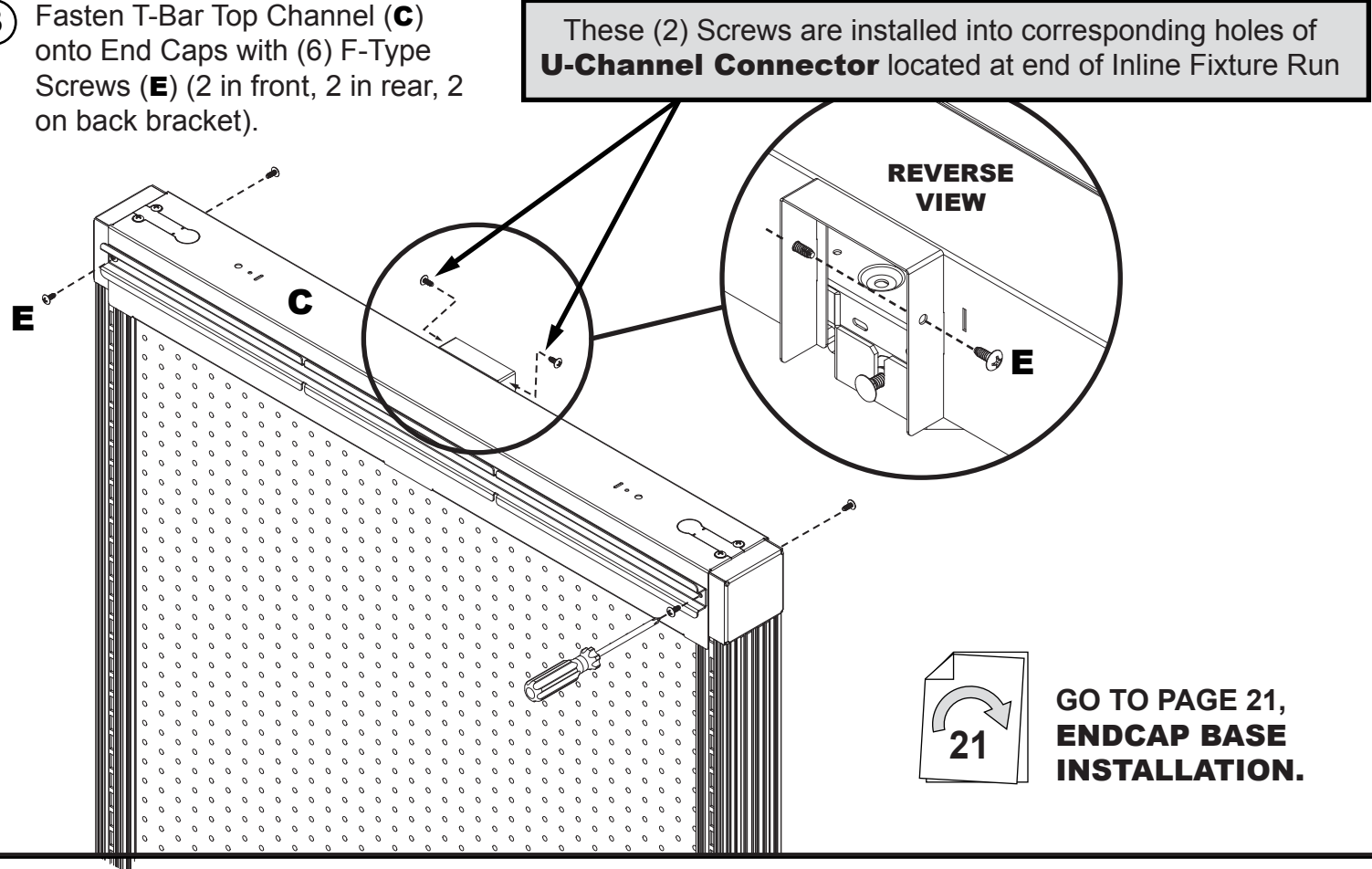
① Install T-Bar Finishing Cap (**A**) onto top of Standard Uprights with (2) #8 x 3/4" Phillips Sheet Metal Screws (**B**).



② Install Electrical Access Plates (**D**) onto top of T-Bar (**C**) with (2) #10 x 1/2" F-Type Screws (**E**) prior to installing T-bar onto fixture.



③ Fasten T-Bar Top Channel (**C**) onto End Caps with (6) F-Type Screws (**E**) (2 in front, 2 in rear, 2 on back bracket).

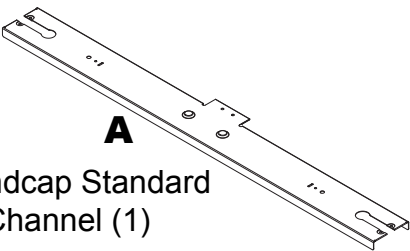


ENDCAP FIXTURE STANDARD TOP CHANNEL INSTALLATION

WITH OR WITHOUT BASE DECK

3FT EC STD CROSS CHANNEL KIT : ITEM# V45016

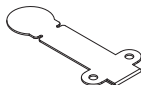
Contents:



A


3ft Endcap Standard Top Channel (1)

Hardware Kit (1)



B

Electrical Access Plates (2)

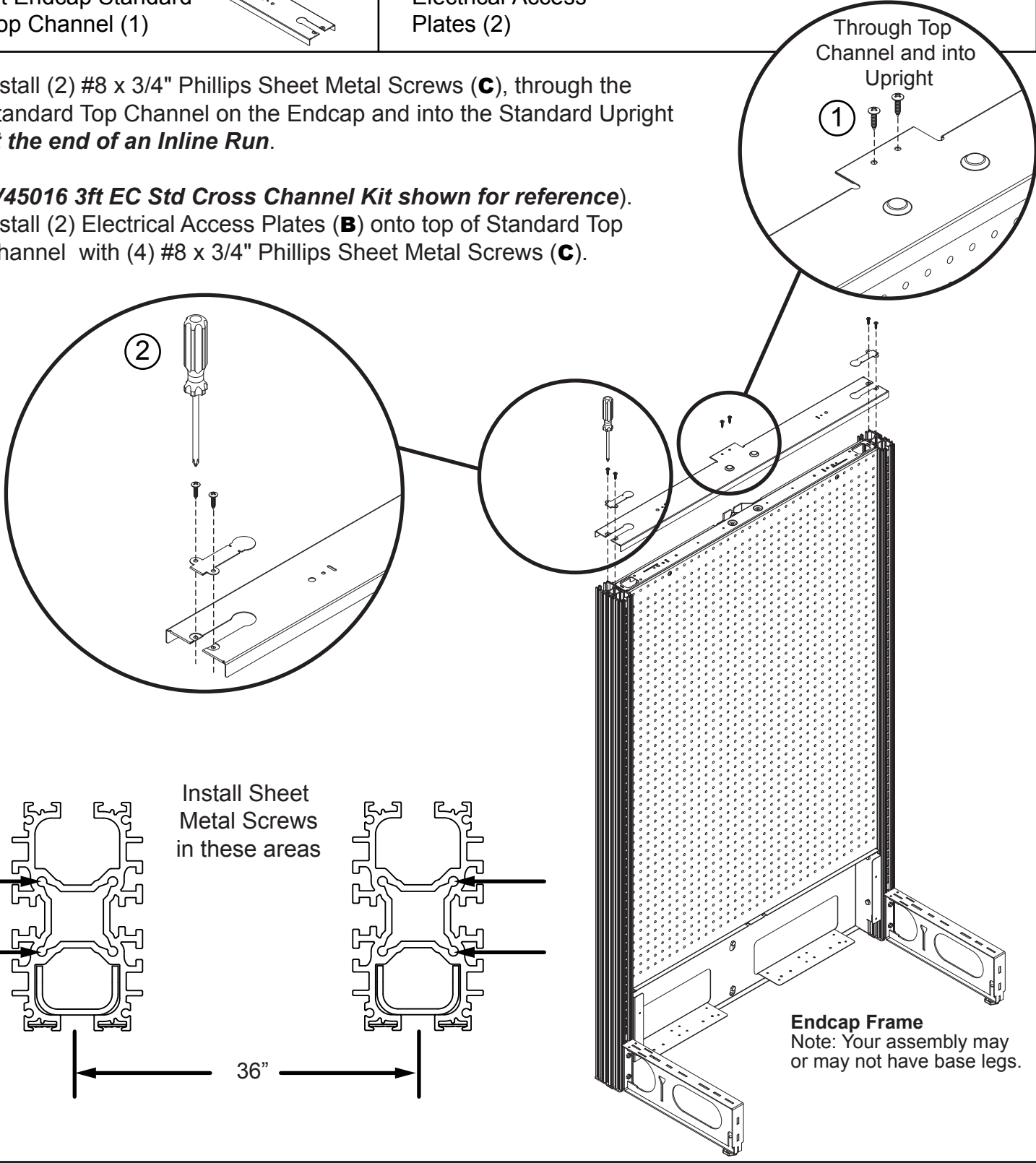


C

#8 x 3/4" Phillips Sheet Metal Screws (6)

1 Install (2) #8 x 3/4" Phillips Sheet Metal Screws (**C**), through the Standard Top Channel on the Endcap and into the Standard Upright *at the end of an Inline Run*.

2 (*V45016 3ft EC Std Cross Channel Kit shown for reference*). Install (2) Electrical Access Plates (**B**) onto top of Standard Top Channel with (4) #8 x 3/4" Phillips Sheet Metal Screws (**C**).



Through Top Channel and into Upright

1

2

Install Sheet Metal Screws in these areas

36"


Endcap Frame
Note: Your assembly may or may not have base legs.

ENDCAP FIXTURE BASE INSTALLATION

WITH BASE DECK

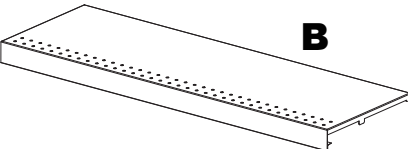
3FT BASE DECK KIT : ITEM# V45033

Contents:



A

Kick Panel (1)



B

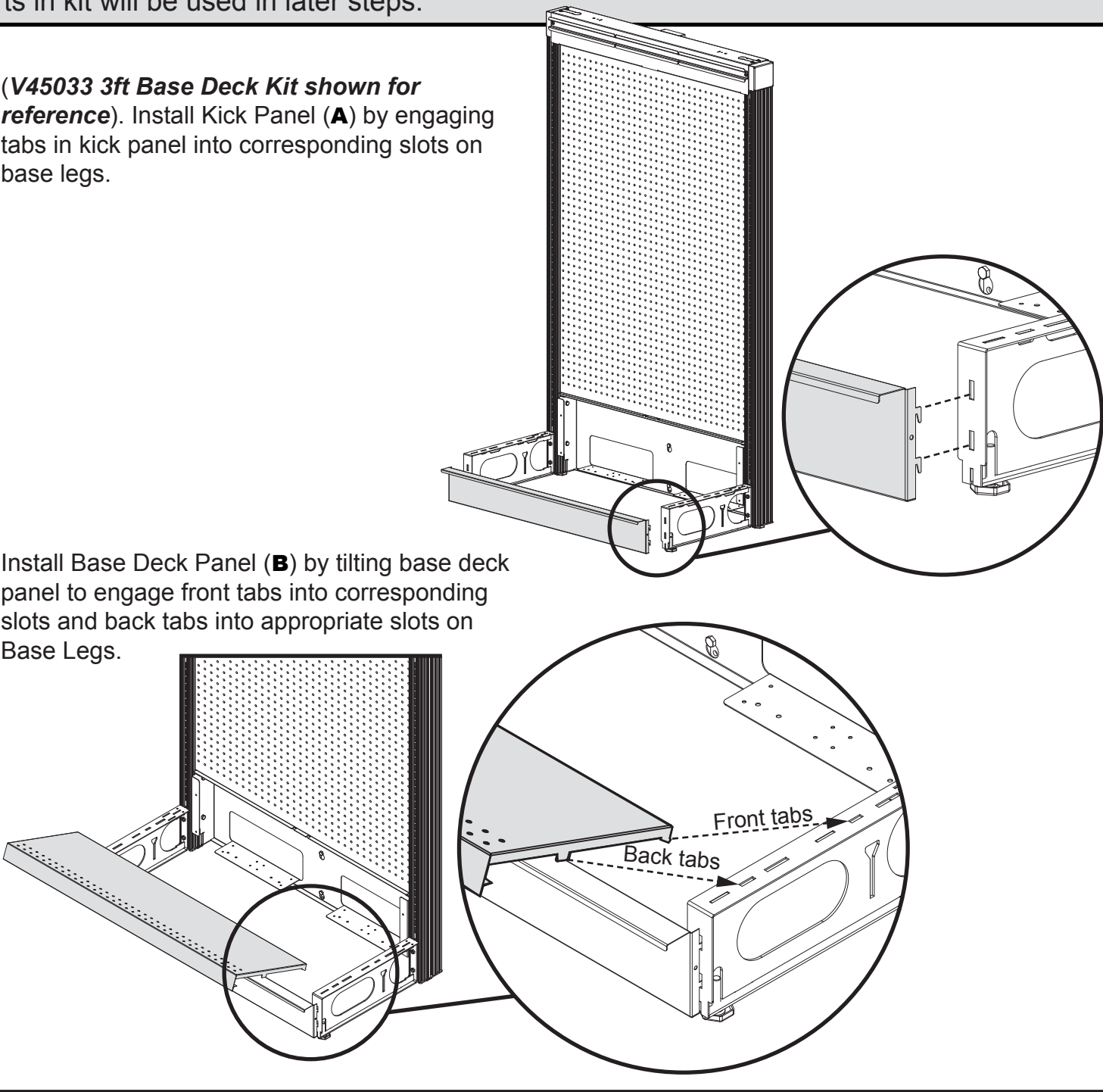
Base Deck Panel (1)

IF NOT INSTALLING ENDCAP **BASE DECK**, GO TO PAGE 23, *ELECTRICAL*.

NOTE: This step will use some of the contents located in the kit listed above. Additional parts in kit will be used in later steps.

1 (*V45033 3ft Base Deck Kit shown for reference*). Install Kick Panel (**A**) by engaging tabs in kick panel into corresponding slots on base legs.

2 Install Base Deck Panel (**B**) by tilting base deck panel to engage front tabs into corresponding slots and back tabs into appropriate slots on Base Legs.



1

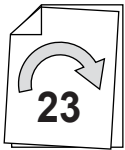
2

Front tabs

Back tabs

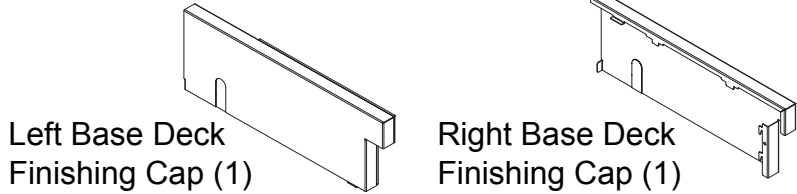
ENDCAP FIXTURE BASE
DECK END CAP
INSTALLATION

BASE DECK FINISHING CAP - KIT OF 2 : ITEM# V45031

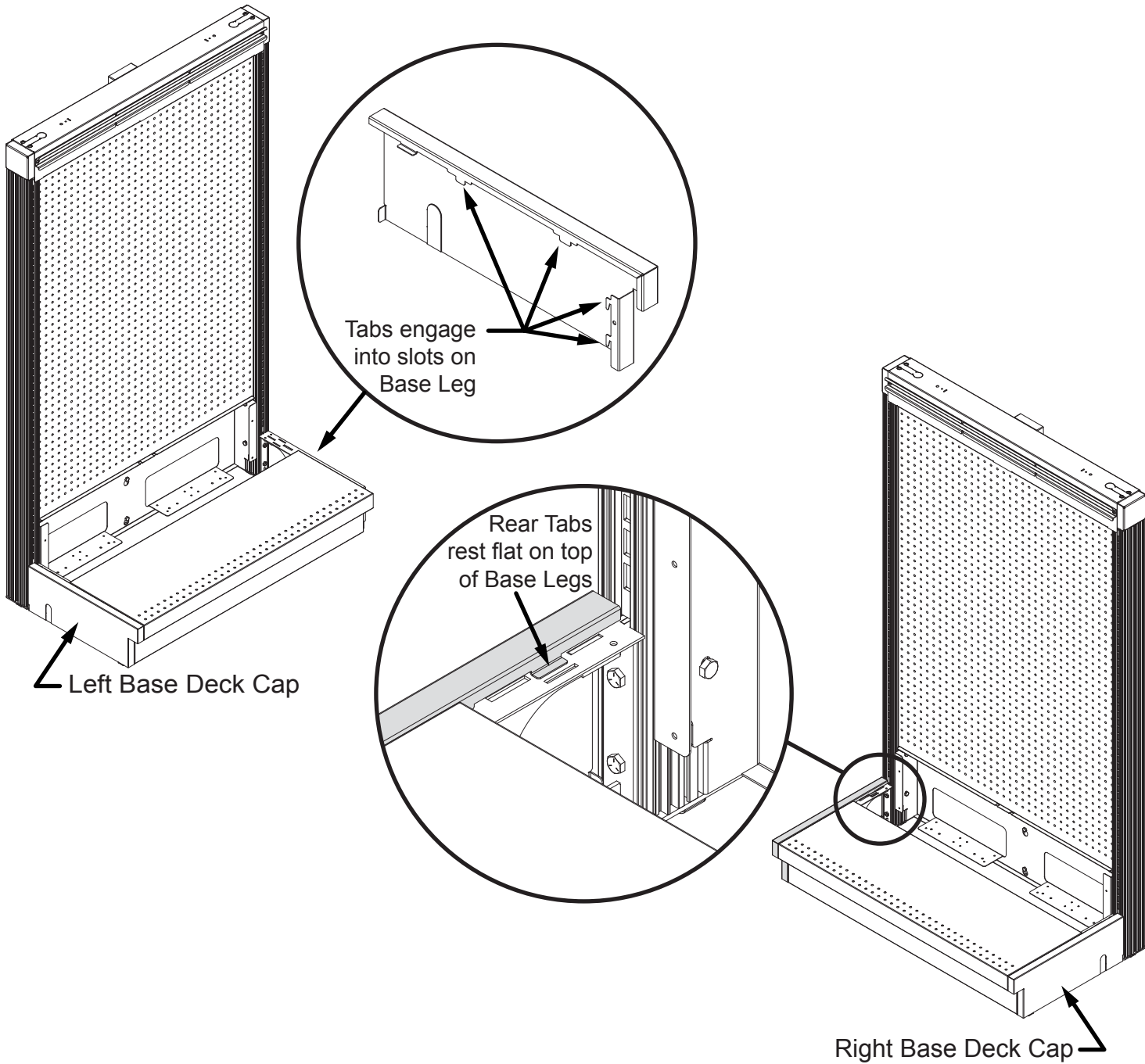


IF NOT INSTALLING ENDCAP
BASE DECK, GO TO PAGE
23, *ELECTRICAL*.

Contents:



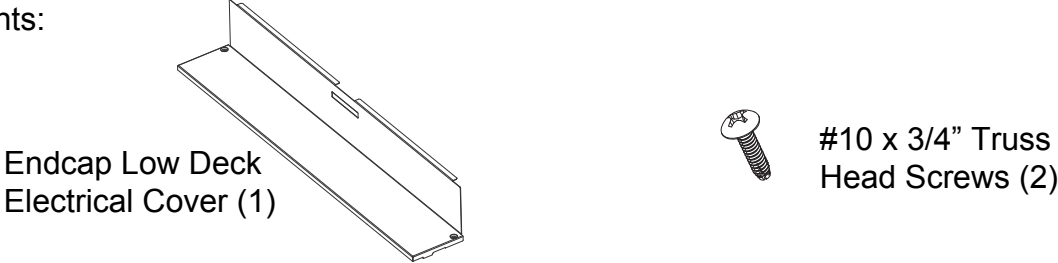
- ① Install Left Base Deck Finishing Cap onto left of fixture by engaging into slots on base legs. Repeat with Right Base Deck Finishing Cap on right side.



ENDCAP FIXTURE LOW DECK
ELECTRICAL COVER INSTALLATION

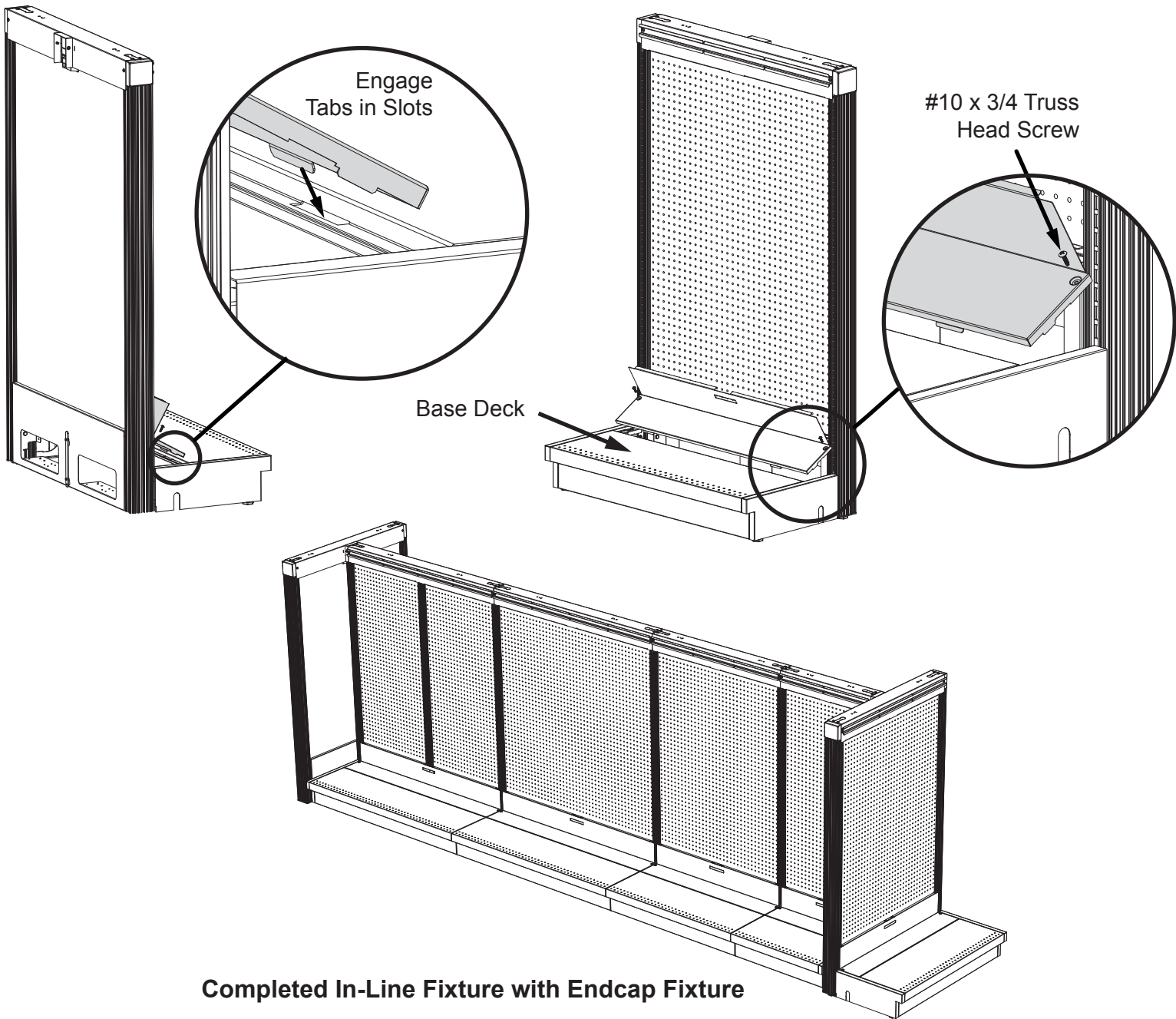
3FT BASE DECK KIT : ITEM# V45033

Contents:



NOTE: This step will use remaining parts from kit above.

- ① Install Low Deck Electrical Cover by engaging tabs into slots along back of Base Deck Panel. Fasten in place with (2) #10 x 3/4" Truss Head Screws.



ELECTRICAL INSTALLATION

OUTLET BOX MOUNTING BRACKET KIT: ITEM# V45039
2FT E TRAY - KIT OF 2: ITEM# V45037

Contents:

Item# V45039
Outlet Box Mounting Bracket Kit

A

Outlet Box Mounting Bracket (1)

B

#10 x 1/2" F Type Screw (2)

Item# V46237
2ft E Tray - Kit of 2

C

2ft E Tray (2)

Overview

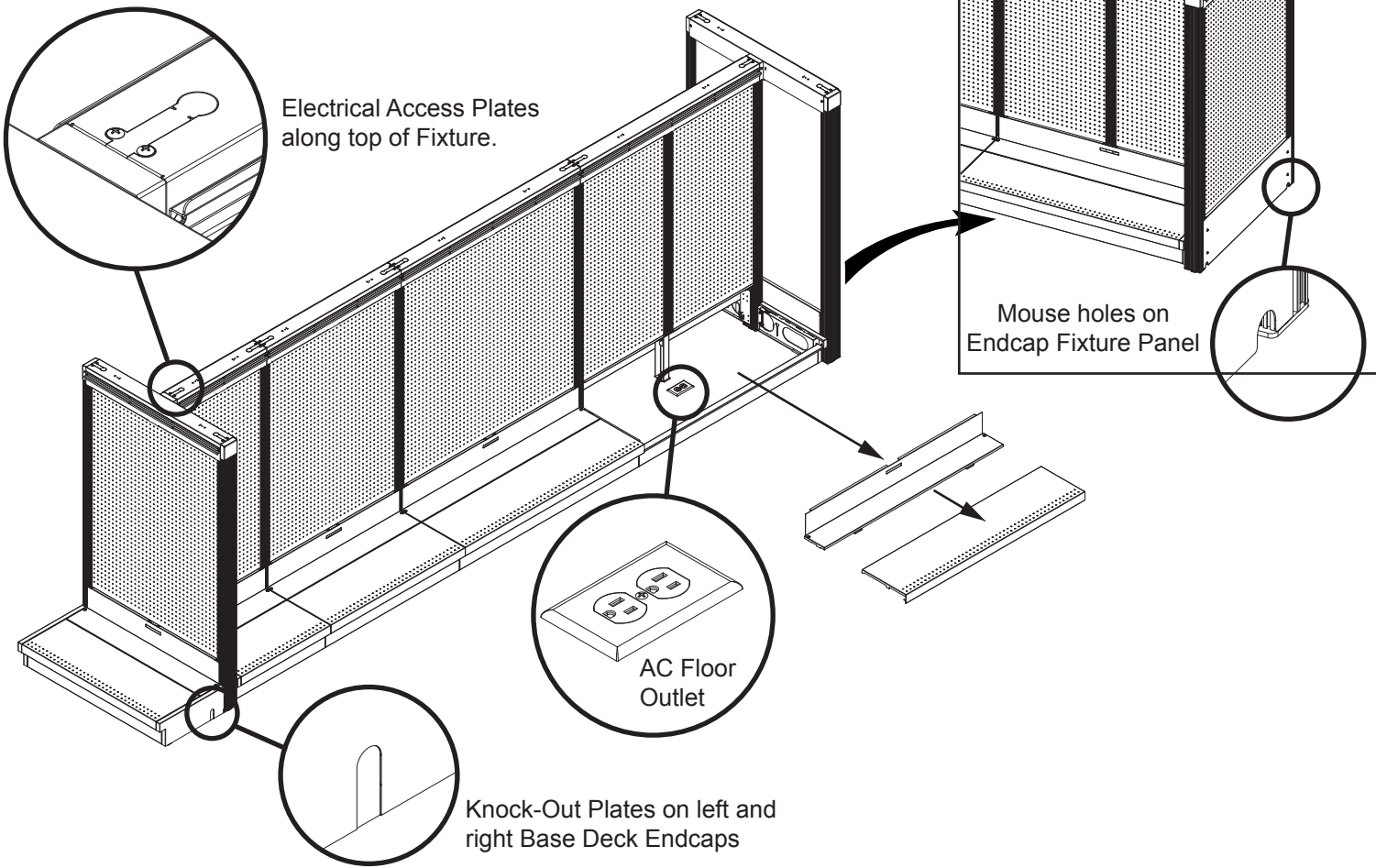
A unique feature of the **VAST FIXTURE SYSTEM** is the ability to seamlessly and conveniently integrate 12-VOLT, DC powered Shelf Down Lighting, Illuminated Header Signs and other electronic devices onto the unit.

The **VAST FIXTURE** is designed to accommodate multiple points of entry for bringing AC electrical into the unit to provide power to each of the DC electrical components.

Power can be brought into a **VAST Fixture** via an AC power drop from the ceiling or along the side of the Fixture. Additionally, if a floor level outlet is available, AC power can be brought in from underneath the fixture as well.

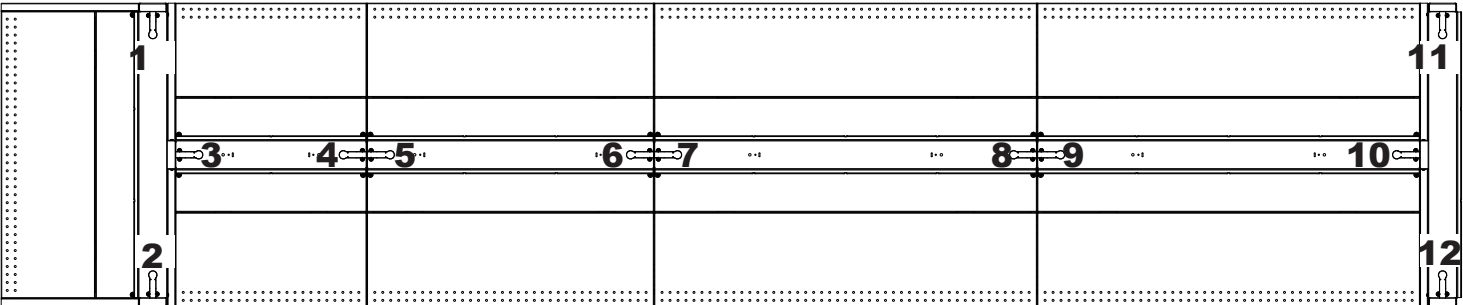
The **VAST FIXTURE** is designed with passageways for routing electrical conduit throughout the unit. Electrical pans and trays are available and can be utilized to organize and secure electrical components from within the unit.

Points of Entry for AC Power



If electrical floor outlets cannot be utilized to power the device that will be installed on the VAST FIXTURE, AC power will have to be brought in using Flexible Electrical Conduit via one of the several entry points on the fixture.

AC Electrical Access Points 1 through 12 along top of the typical Inline Run with Endcap Fixtures.

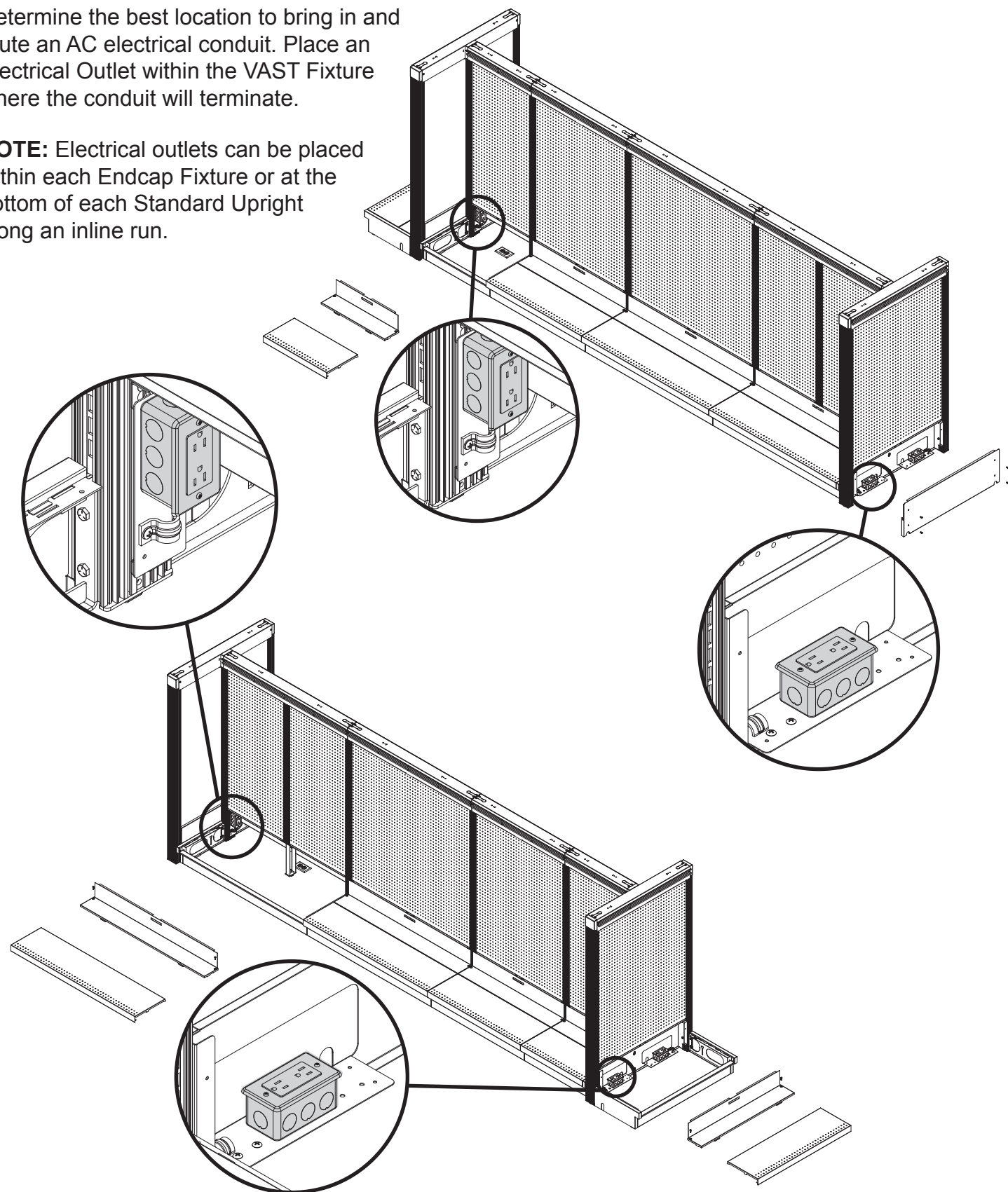


NOTE: The number of electrical access points may vary depending on fixture configuration.

ELECTRICAL INSTALLATION (continued)

- ① Determine the best location to bring in and route an AC electrical conduit. Place an Electrical Outlet within the VAST Fixture where the conduit will terminate.

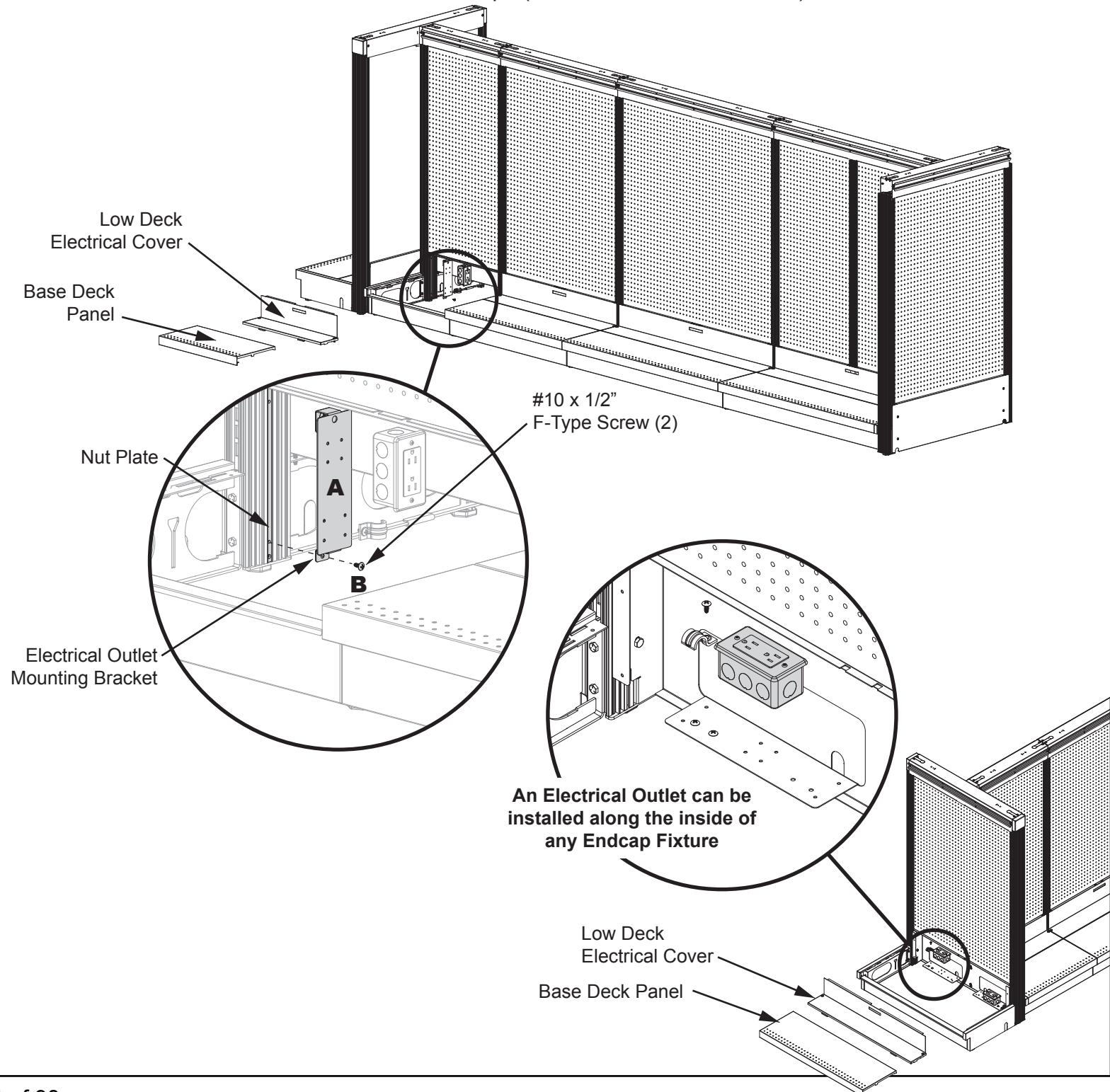
NOTE: Electrical outlets can be placed within each Endcap Fixture or at the bottom of each Standard Upright along an inline run.



Electrical outlets (supplied by contractor) can be installed along the bottom of any Standard Upright by using an Electrical Outlet Mounting Bracket (A).

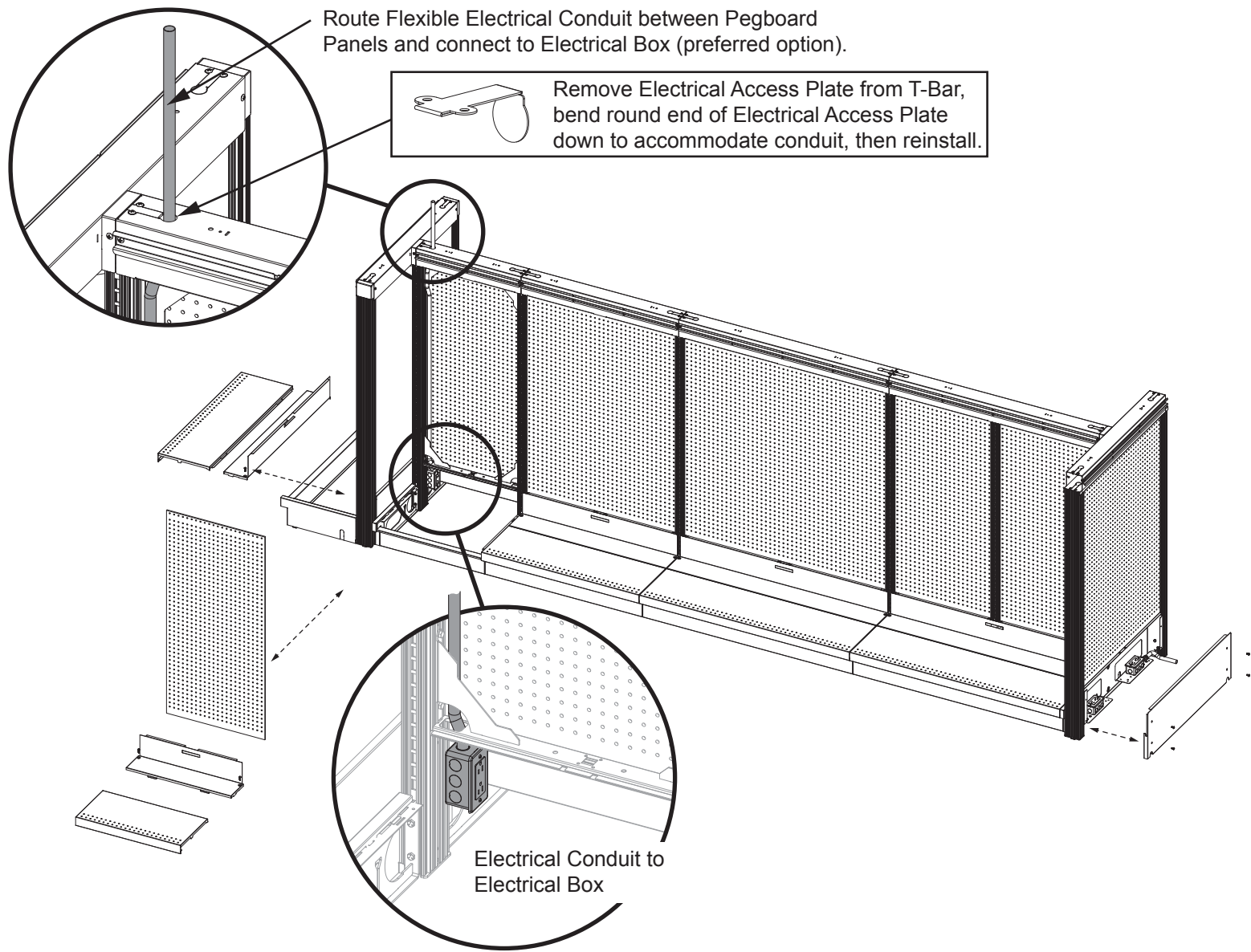
- ② Remove the Base Deck Panel and the Base Deck Electrical Cover to access the Nut Plate along the bottom of the Upright.
- ③ Install the Electrical Outlet Mounting Bracket (A) with (2) #10 x 1/2" F-Type Screws (B). (2) Pilot screw holes are provided in each Nut Plate to attach the Bracket.

NOTE: Multiple pilot holes are provided on the Mounting Bracket to facilitate attachment of the Electrical Box and P-Clips (to secure electrical conduit).

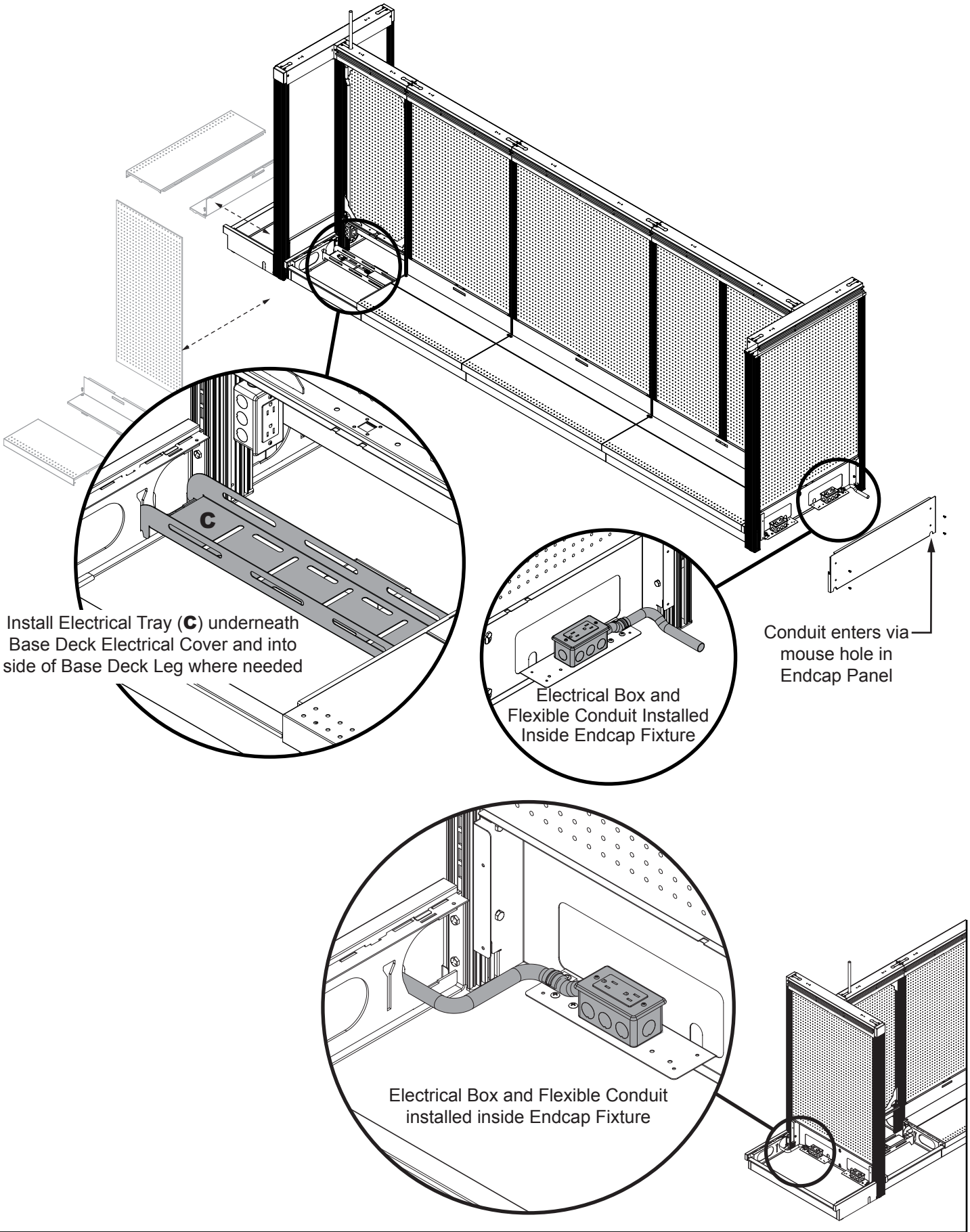


ELECTRICAL
INSTALLATION (continued)

- ④ Once the best location for an Electrical Outlet has been determined, and the outlet has been installed on the VAST FIXTURE, route 1/2" diameter flexible conduit to the outlet per applicable local electrical codes.



- ⑤ Install Electrical Tray (C) underneath Base Deck Electrical Cover and into side of Base Deck Leg where needed.



DC POWER TRACKS &
DC ELECTRICAL
INSTALLATION

POWER TRACK KIT (5 CONNECTORS) : ITEM # V45055
POWER SUPPLY - 12V8A FOR POWER TRACK : ITEM # V451005
POWER STRIP V - 15FT CORD : ITEM # V451095
2FT E TRAY - KIT OF 2 : ITEM # V45037
54 POWER TRACK KIT - 5 CONNECTORS : ITEM # V451098

Contents:

Item# V45055
Power Track Kit

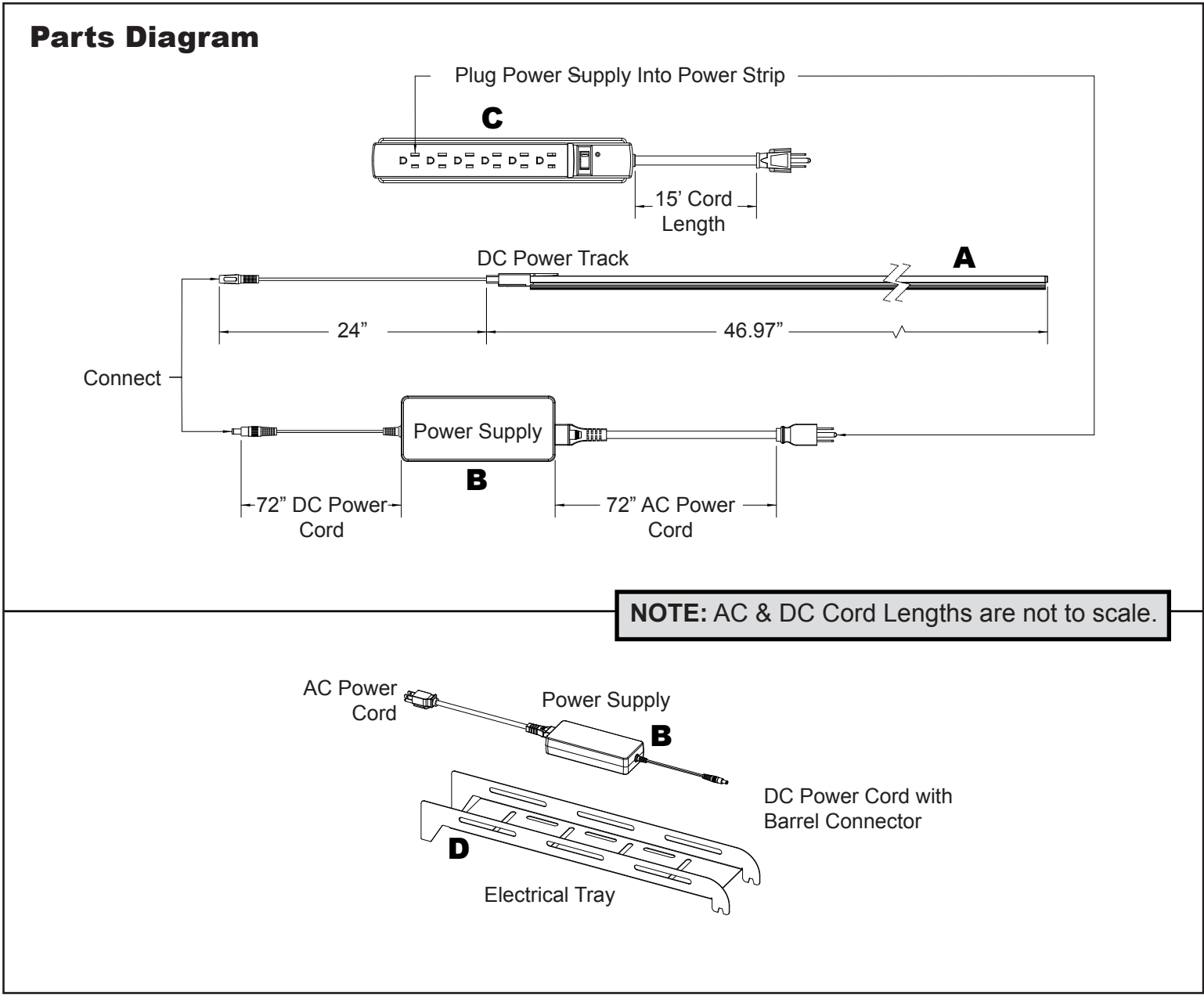
A
DC Power Track (1) with
(5) Turn-In Connectors

B
Power Supply-
12V8A for
Power Track (1)

C
Power Strip V
- 15ft cord (2)

Item# V45037
2ft E Tray - Kit of 2

D
2ft E Tray (2)

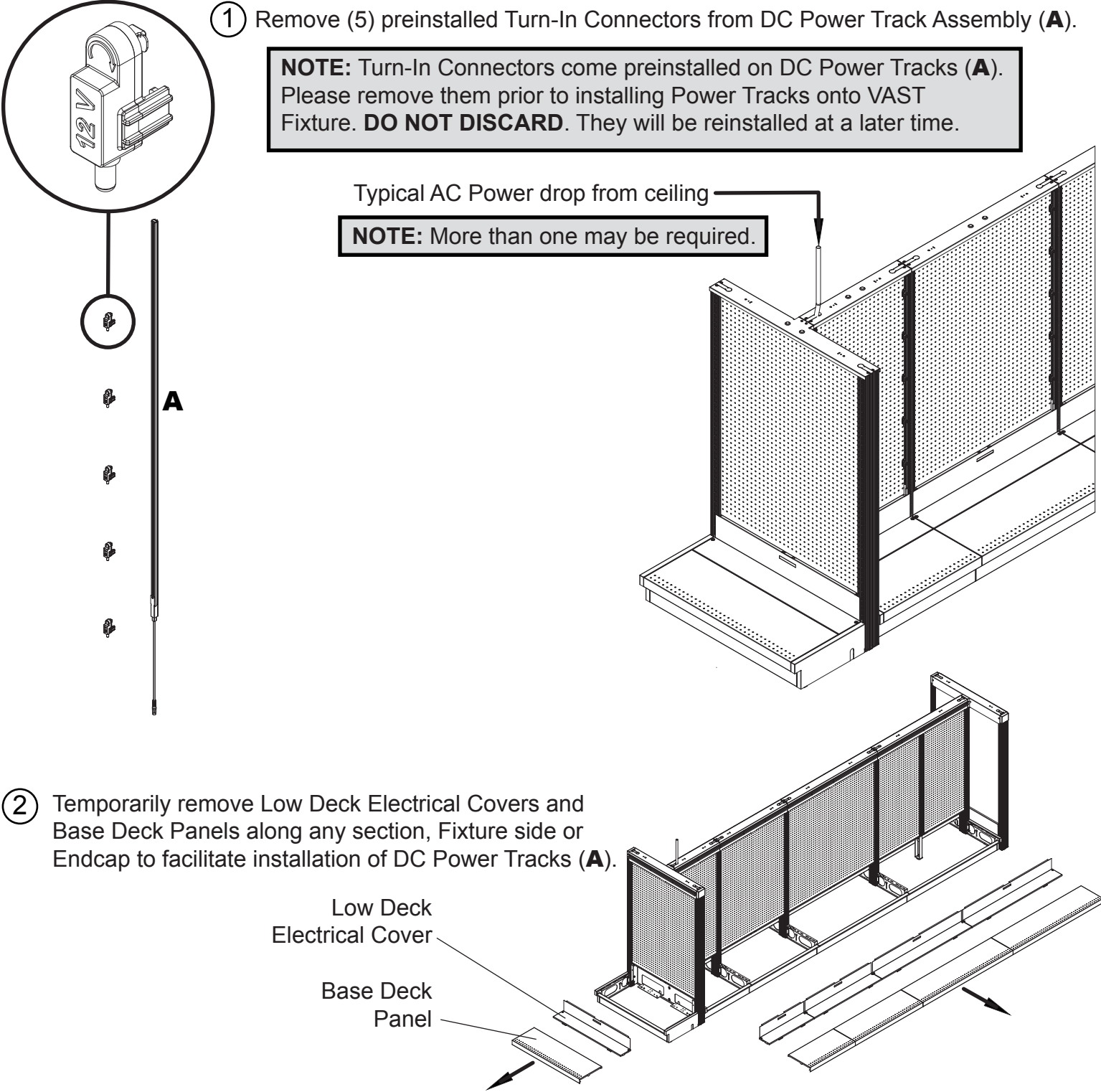


Overview

DC Power Tracks (**A**) are installed onto the Standard Uprights where needed to supply power to the LED Light Bars located underneath each shelf.

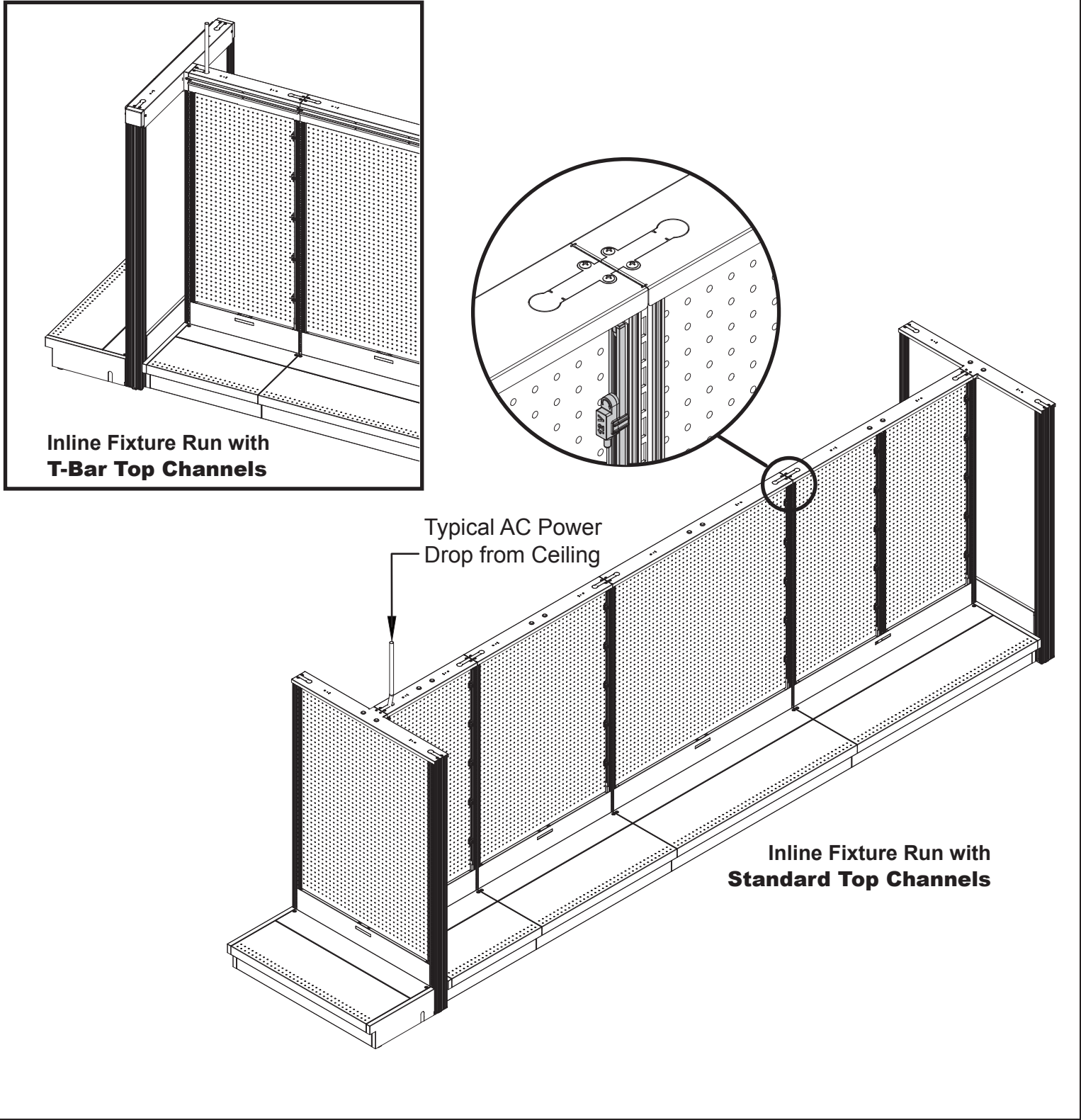
Use of the DC Power Tracks (**A**) are applicable to an inline run as well as Endcap Fixtures.

Prior to proceeding with the installation of the DC Power Tracks (**A**), ensure that AC power has been provided to the fixture configuration (**Pages 25-27, VAST Electrical Installation**).

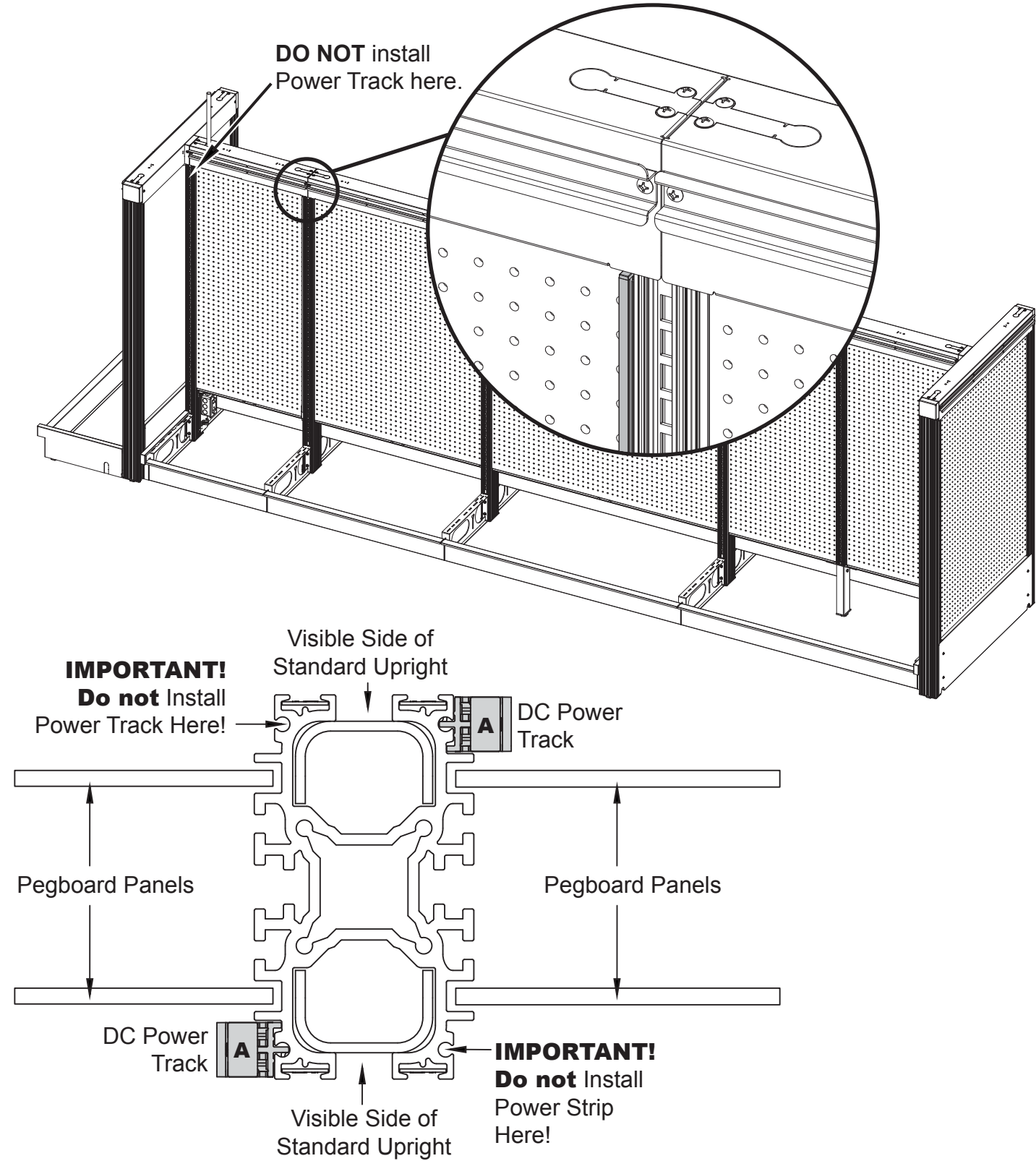


DC POWER TRACKS & DC ELECTRICAL INSTALLATION
(continued)

NOTE: DC Power Tracks (A) can be installed on VAST Fixtures with T-Bar Top Channels or with Standard Top Channels

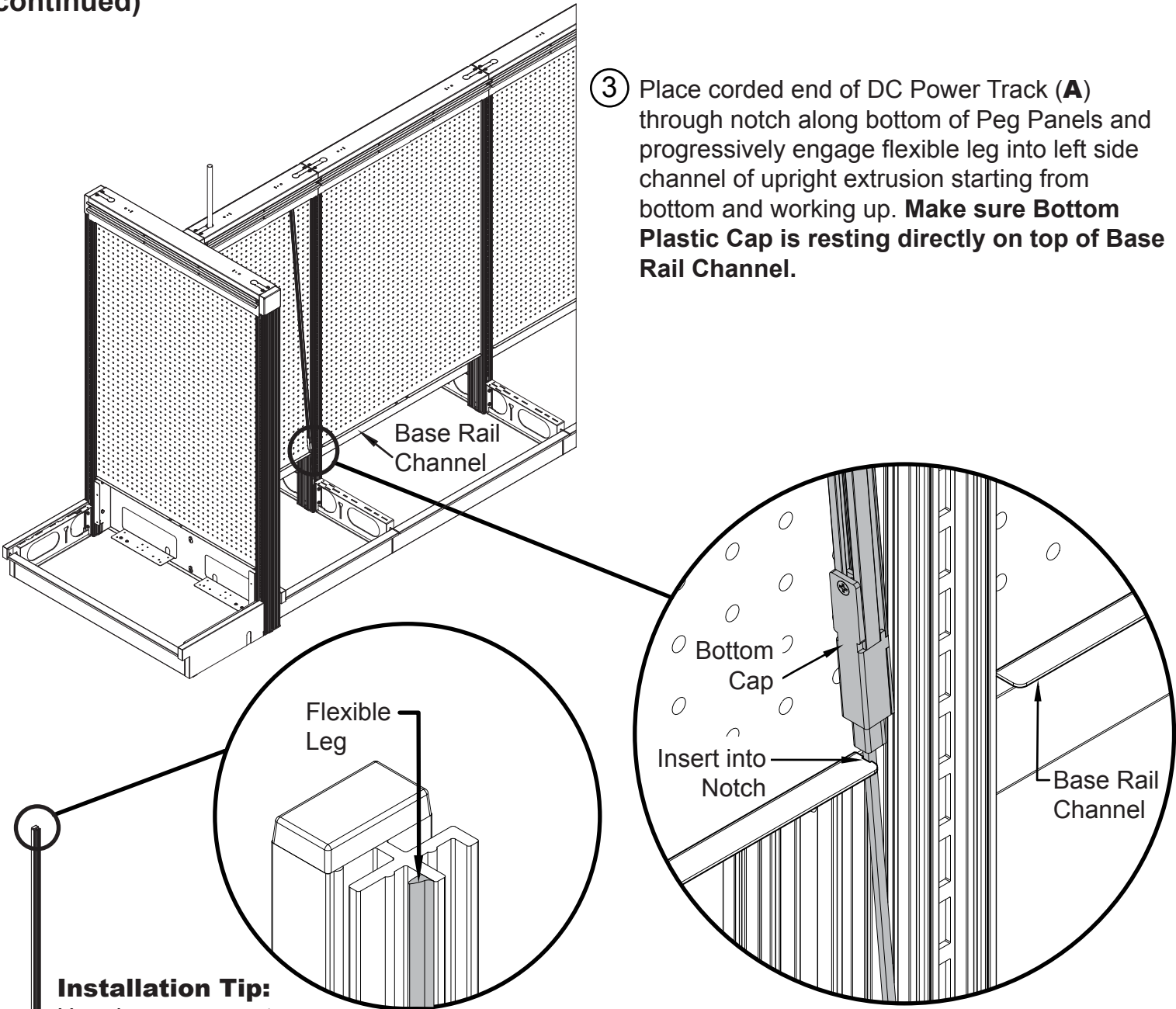


NOTE: DC Power Tracks (A) are installed into the small circular channel along the left hand side of each visible face of a Standard Upright (except as noted).



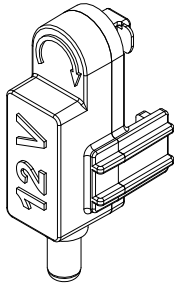
DC POWER TRACKS & DC ELECTRICAL INSTALLATION
(continued)

③ Place corded end of DC Power Track (A) through notch along bottom of Peg Panels and progressively engage flexible leg into left side channel of upright extrusion starting from bottom and working up. **Make sure Bottom Plastic Cap is resting directly on top of Base Rail Channel.**

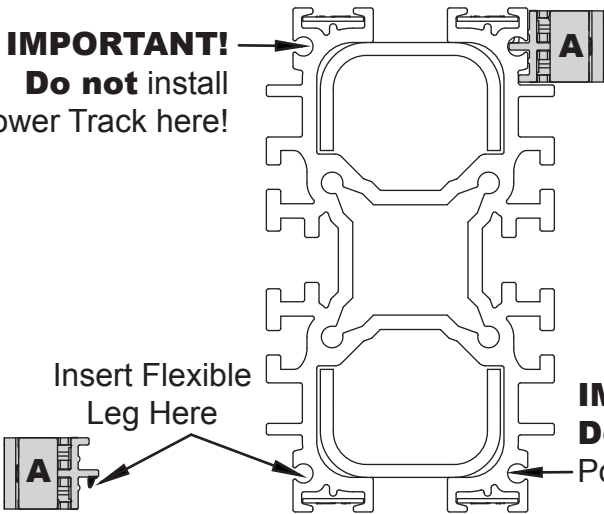


Installation Tip:
Use damp sponge to moisten Flexible Leg along entire length of DC Power Track (A) to facilitate installation.

IMPORTANT!
Do not install Turn-In Connectors at this time



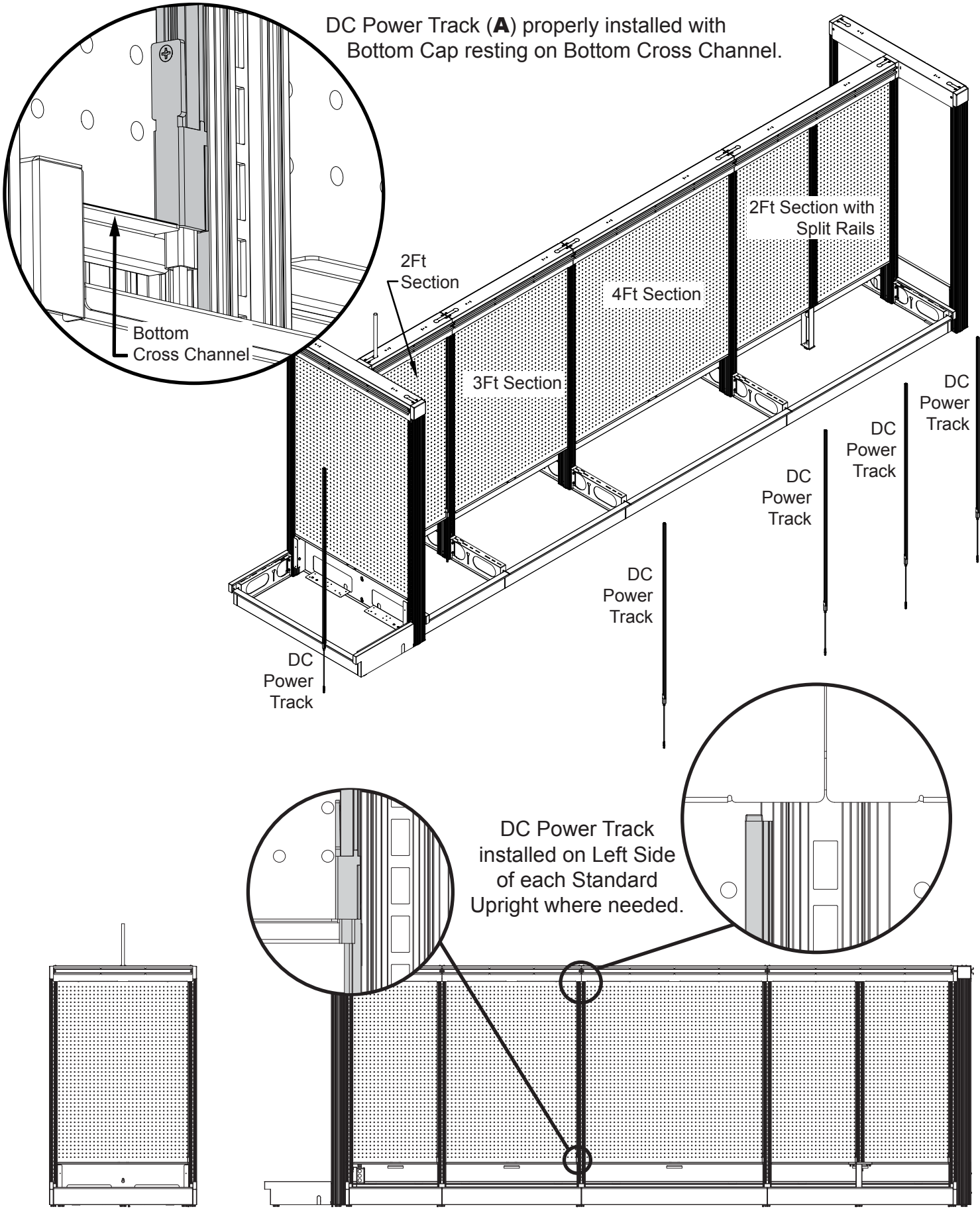
IMPORTANT!
Do not install Power Track here!



Insert Flexible Leg Here

IMPORTANT!
Do not install Power Track Here!

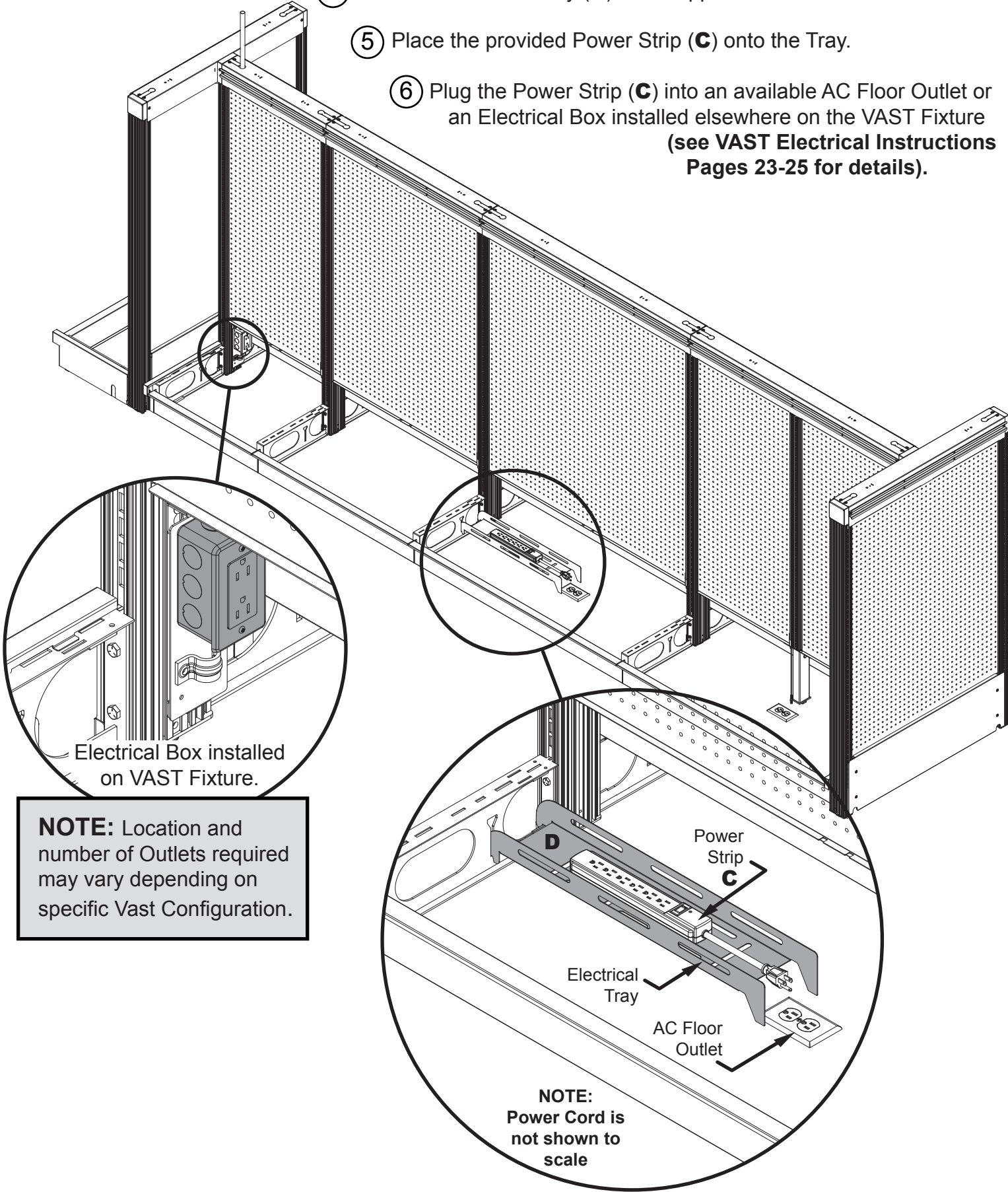
Proper Installation



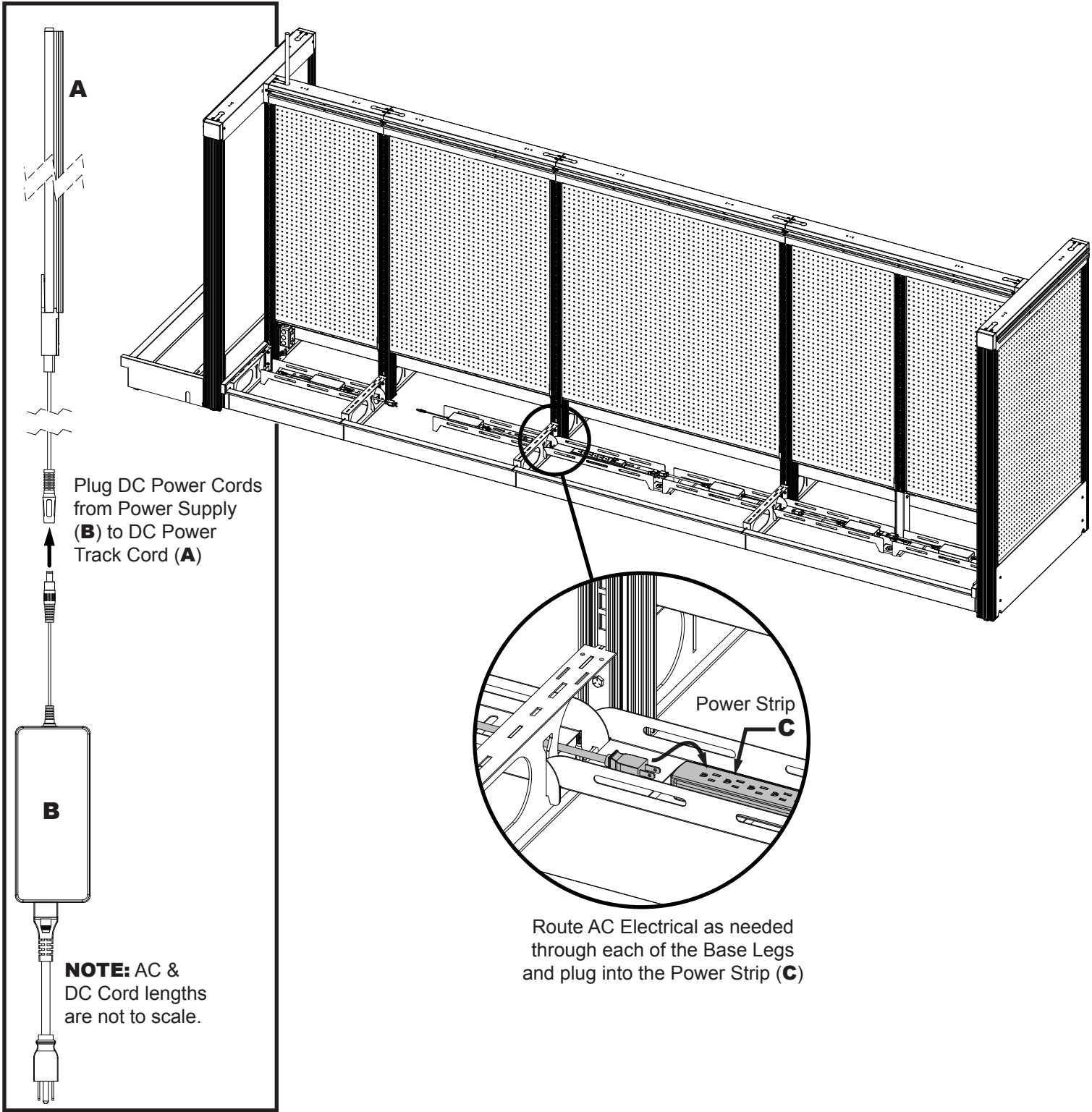
DC POWER TRACKS & DC ELECTRICAL INSTALLATION

(continued)

- ④ Install an Electrical Tray (D) in the approximate center of an Inline Run.
- ⑤ Place the provided Power Strip (C) onto the Tray.
- ⑥ Plug the Power Strip (C) into an available AC Floor Outlet or an Electrical Box installed elsewhere on the VAST Fixture (see VAST Electrical Instructions Pages 23-25 for details).



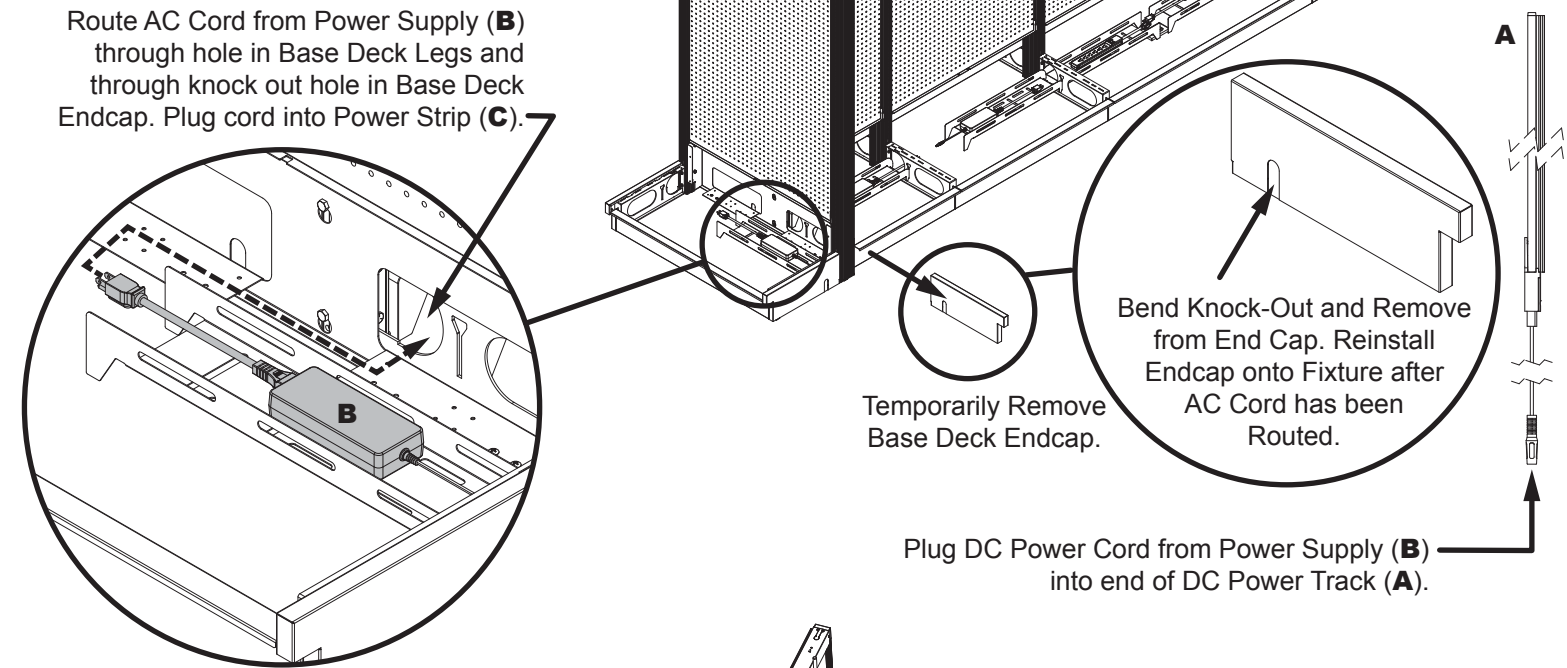
- ⑦ Install additional 2ft Electrical Trays (D) as needed along the bottom of Inline Run. The trays are installed between the Base Leg Assemblies and are used to manage the Power Supplies (B) and Cords that will be connected to DC Power Tracks.
- ⑧ Plug each AC Cord on the Power Supply (B) into the Power Strip (C). Up to (6) Outlets per Power Strip (C) are available.



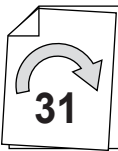
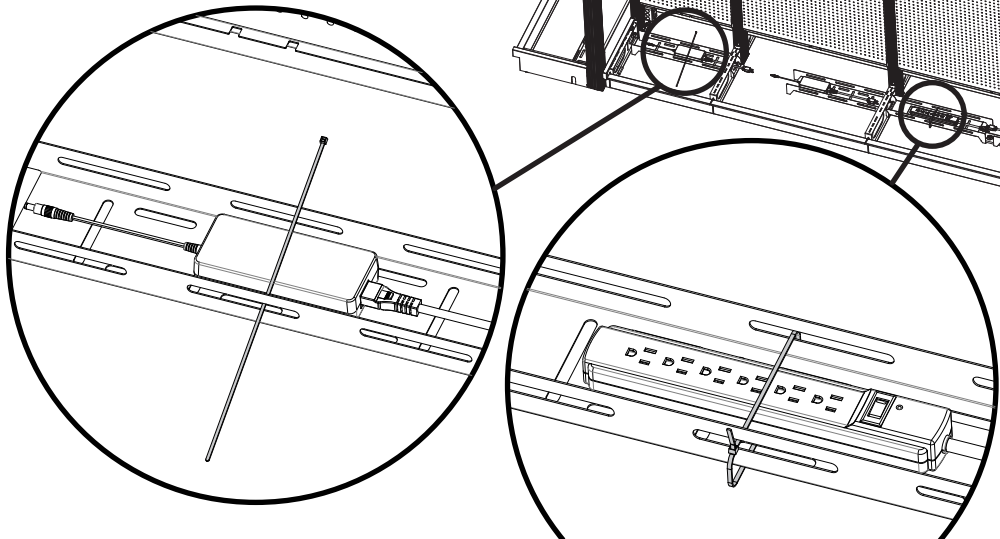
DC POWER TRACKS & DC ELECTRICAL INSTALLATION
(continued)

NOTE: AC & DC Cord
Lengths are not to scale.

- 9 For Endcap Power, remove Base Deck Endcap and bend Knock-Out.
- 10 Route AC Cord through hole in Base Deck Legs and through Knock-Out Hole. Plug into Power Strip (C).
- 11 Plug DC Power Cord into end of DC Power Track (A).

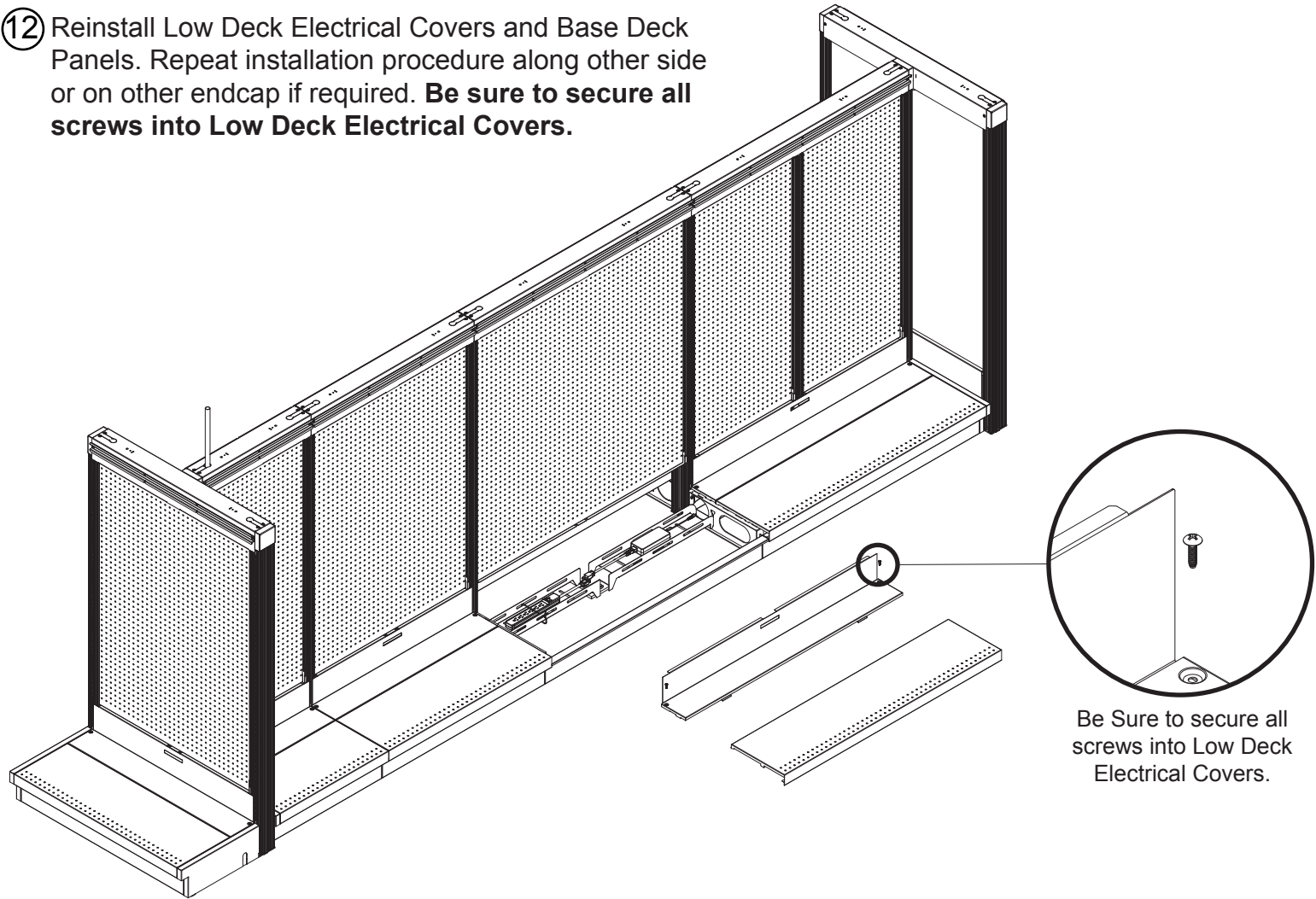


- 12 Use Cable Ties to secure all Power Supplies (B), Electrical Cords, and the Power Strip (C) to the Electrical Trays (D).



IF INSTALLING LIT HEADERS, THEN GO TO
PAGE 31, LIT HEADER INSTALLATION.
PROCEED TO **STEP 12** BELOW IF YOU ARE
NOT INSTALLING LIT HEADERS

- 12 Reinstall Low Deck Electrical Covers and Base Deck Panels. Repeat installation procedure along other side or on other endcap if required. **Be sure to secure all screws into Low Deck Electrical Covers.**



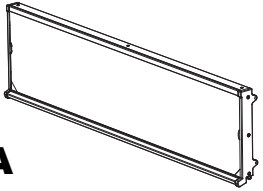
NOTE: Turn-In Connectors **ARE NOT INSTALLED** at this time.
See **LED Shelf Downlights**, Page 38, for additional information.

LIT HEADER INSTALLATION

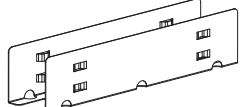
2' LED HEADER SIGN : ITEM# 35052.1
3' LED HEADER SIGN : ITEM# 35053.1
4' LED HEADER SIGN : ITEM# 35054.1
CORD TRAY - KIT OF 2 : ITEM# 45036
SHALLOW HEADER BRACKET - KIT OF 2 : ITEM# V45059
HARDWARE KIT - VAST CORD MANAGEMENT CLIPS : ITEM# V451096


Contents:

Item# 35052.1
(or 35053.1
or 35054.1)
LED Header Sign

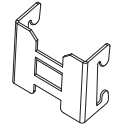

A
LED Header Sign (1)

Item# V45036
Cord Tray - Kit of 2


B
Cord Trays (2)

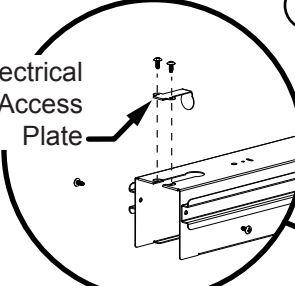

C
#10 x 1/2" F
Type Screw (2)

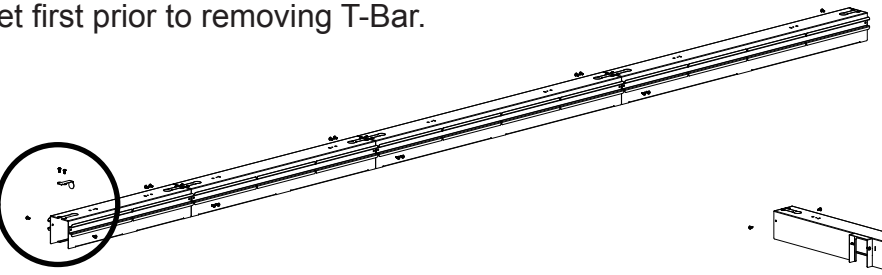
Item# V45059
Shallow Header
Bracket - Kit of 2

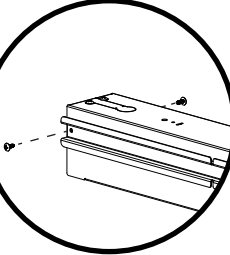

E
Shallow Header Bracket (2)

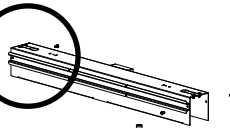
Item# V451096
Self Adhesive Cord Management Clips

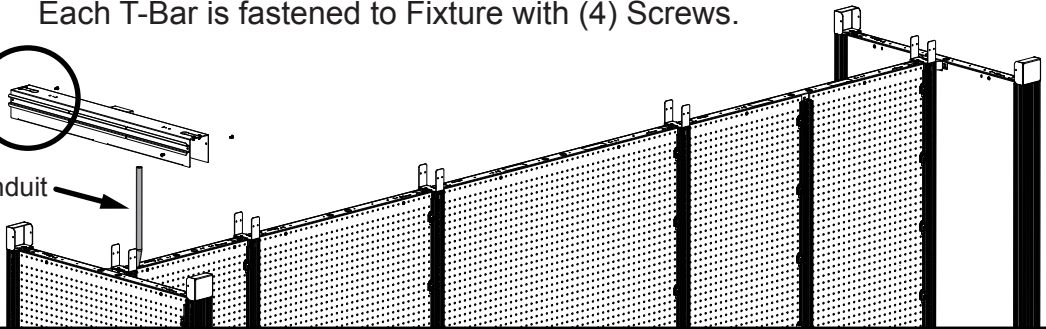

D
Self Adhesive Cord Clip (10)


Electrical Access Plate


T-Bar


T-Bar Top Channels


AC Electrical Conduit from ceiling

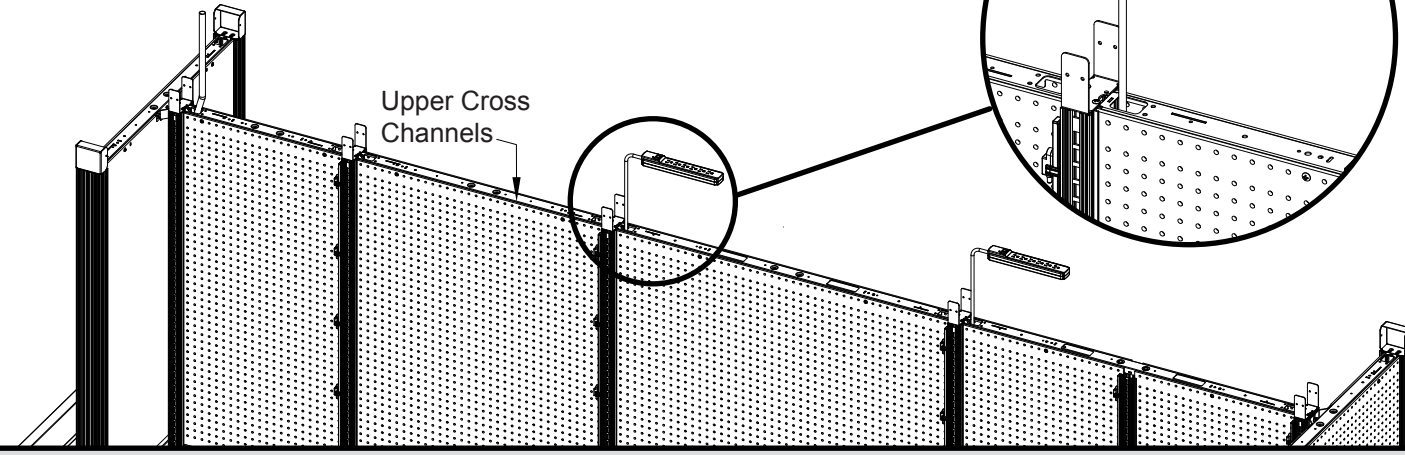

Pegboard Panel

① If an AC Electrical Conduit from the ceiling passes through top of T-Bar, remove Electrical Access Bracket first prior to removing T-Bar.


② Remove T-Bar Top Channels from Inline Fixture and Endcap Fixtures. Each T-Bar is fastened to Fixture with (4) Screws.

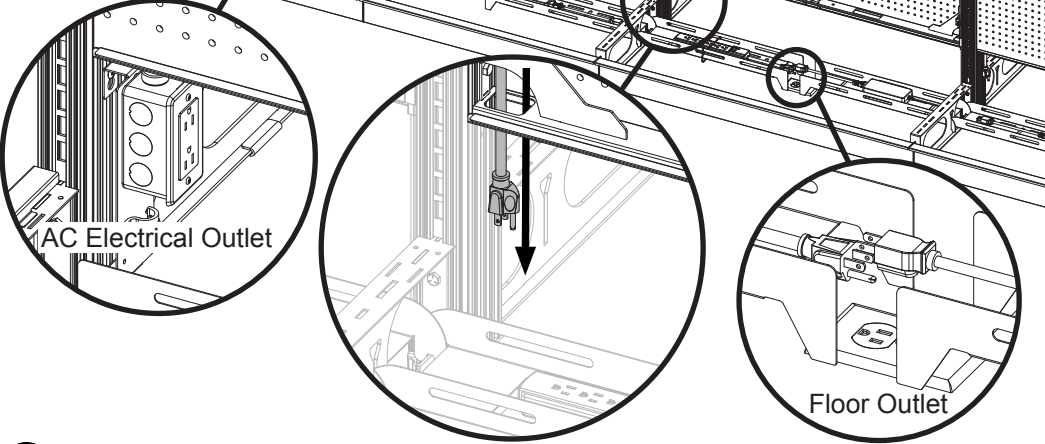
NOTE: More than one AC Electrical Conduit from the ceiling may be present on extended length Inline Fixtures depending on power requirements.

③ Route 15 ft long cord from Power Strip(s) through top of VAST Fixture. Power Strip cord is routed through rectangular hole located at either end of Upper Cross Channels, between Pegboard Panels and down through the Lower Cross Channels.


Upper Cross Channels
Lower Cross Channels

TIP: Always try to locate Power Strip(s) toward middle of Inline Run. This orientation provides more convenient and easier pathway to plug electronic components into Power Strips from either direction. Doing so also makes it easier to manage wire bundles and AC Cords.


Remove screw(s) that secure the Pegboard Panel to the Fixture and keep for replacement.


AC Electrical Outlet
Floor Outlet

④ Remove screw(s) that secure the Pegboard Panel to the Fixture and keep for replacement.

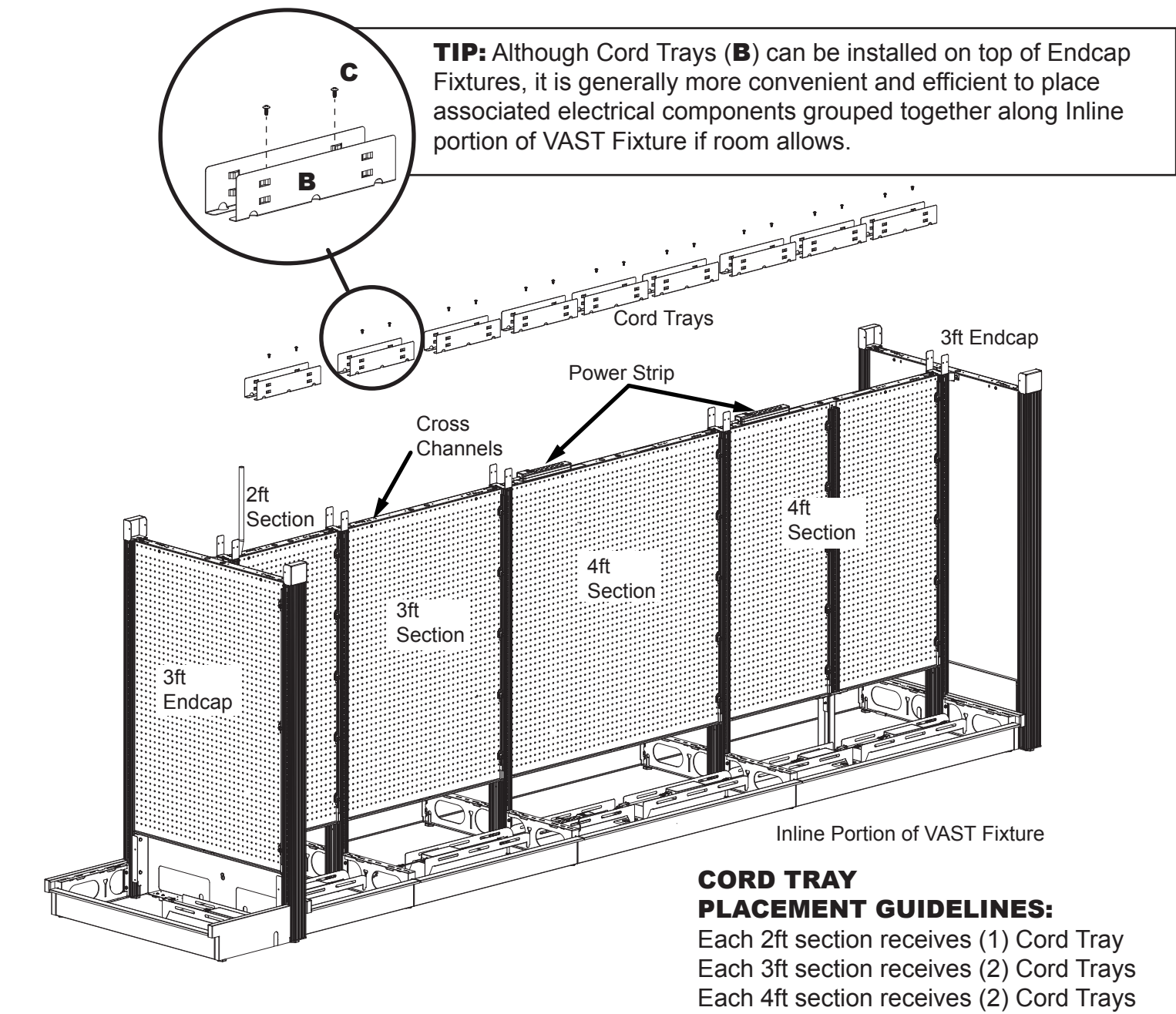
⑤ Pull up Pegboard Panel that is adjacent to each Power Strip about 12 inches to push Power Strip Cord plug through hole in Lower Cross Channel. Plug cord into previously installed AC Electrical Outlet on VAST Unit or into floor outlet if available.

⑥ Slide Pegboard Panel back into place and replace Pegboard Screws.

LIT HEADER INSTALLATION (CONTINUED)

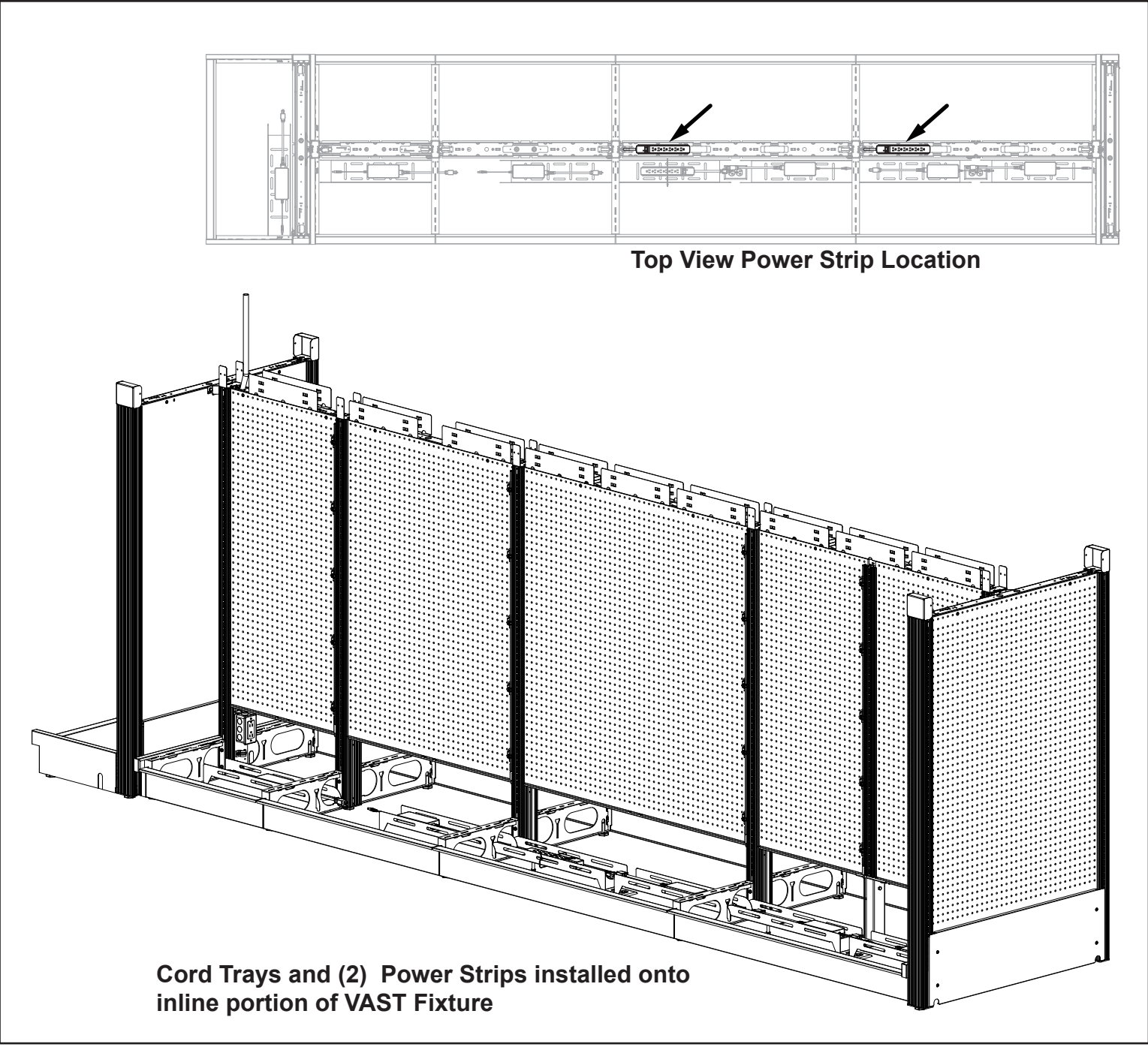
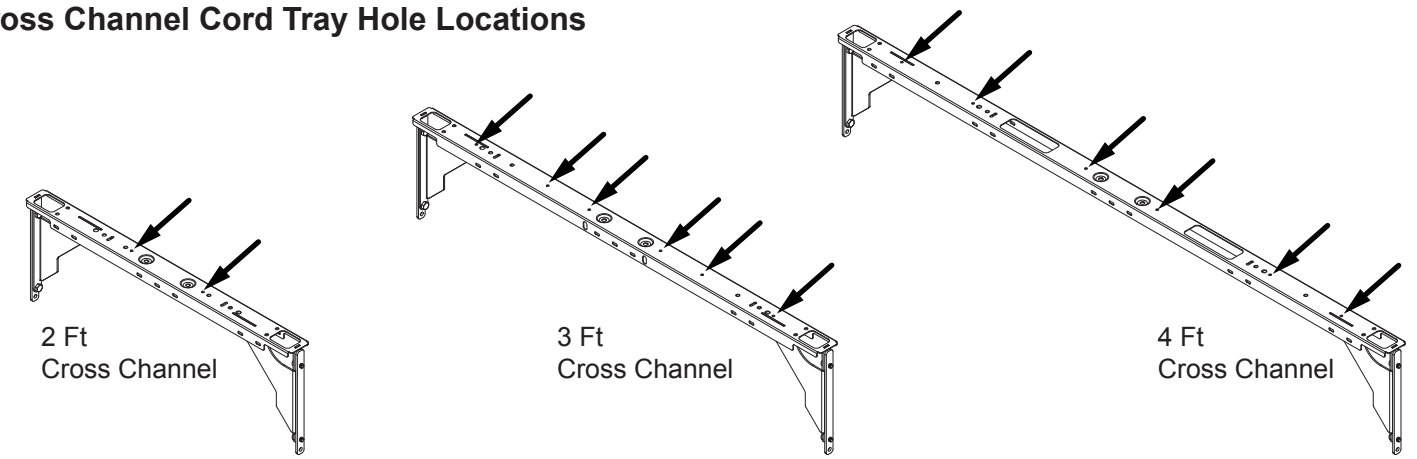
NOTE: Cord Trays(**B**) are used to manage Power Strips, DC Power Supplies, and AC / DC Electrical cords used to power Illuminated Headers (**A**).

8 Install Cord Trays (**B**) onto Cross Channels along top of Inline Run per guidelines below using (2) #10 x 1/2" F-Type Screws (**C**) per tray. Holes in bottom of Tray align with holes in Cross Channels (see image at right).



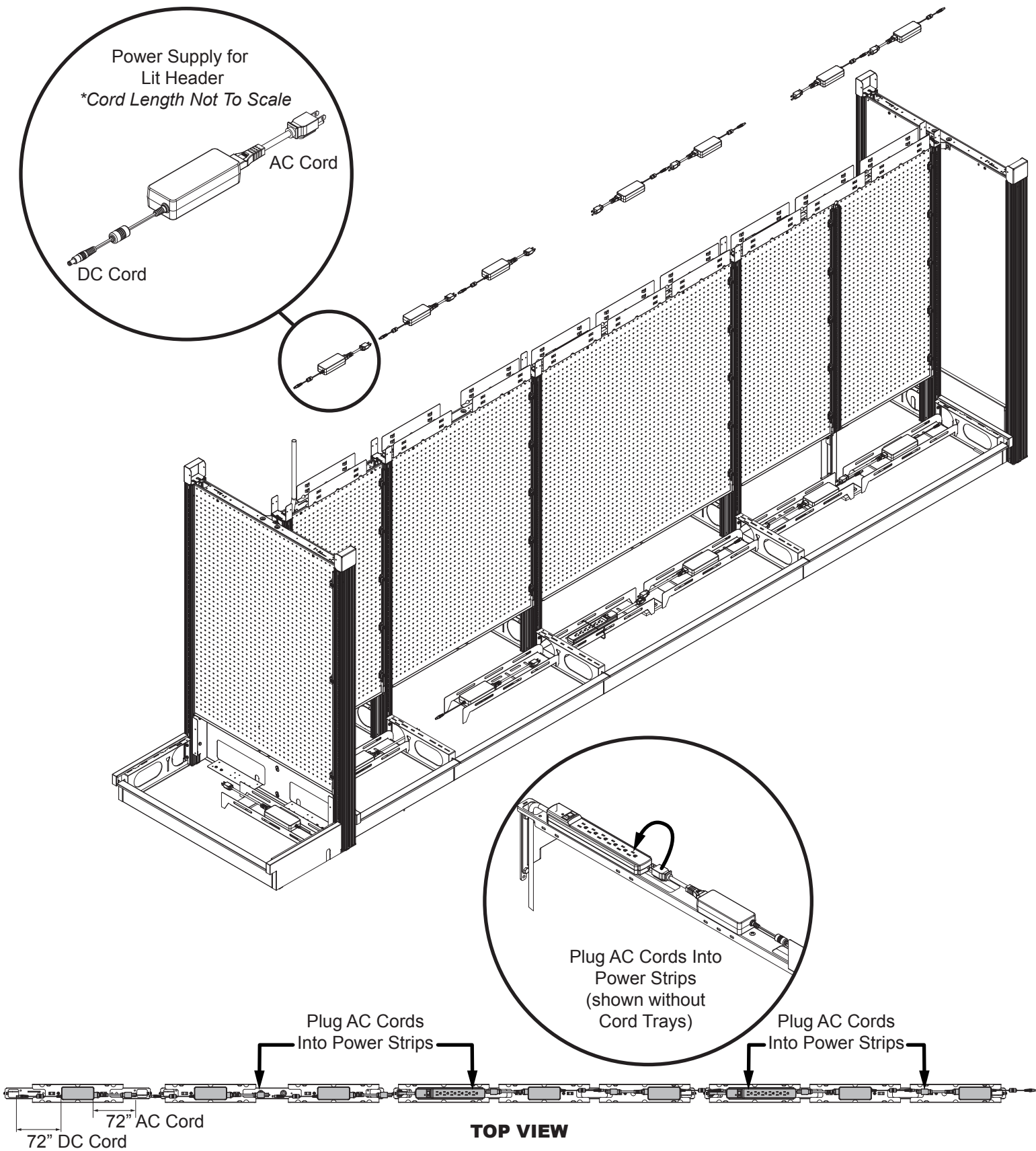
NOTE: 4ft Section may accommodate (3) Cord Trays if Power Strip is installed. More than one Power Strip may be required depending on length and power requirements of Inline Run.

Cross Channel Cord Tray Hole Locations



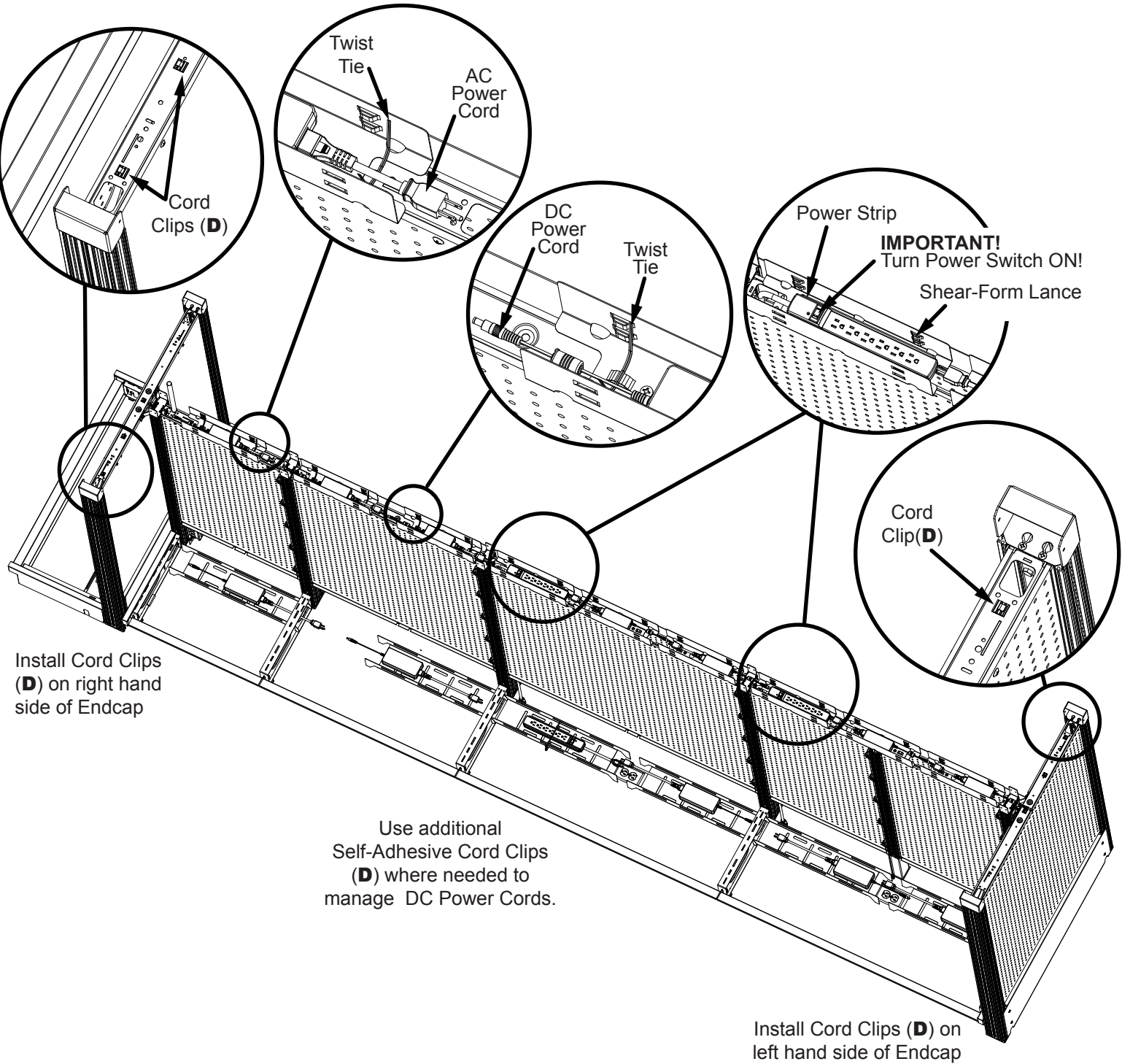
LIT HEADER INSTALLATION (CONTINUED)

- 9 Place Power Supplies used to power the Lit Headers (A) into Cord Trays (B). The plug end of each AC Cord should be oriented towards, and plugged into Power Strips.



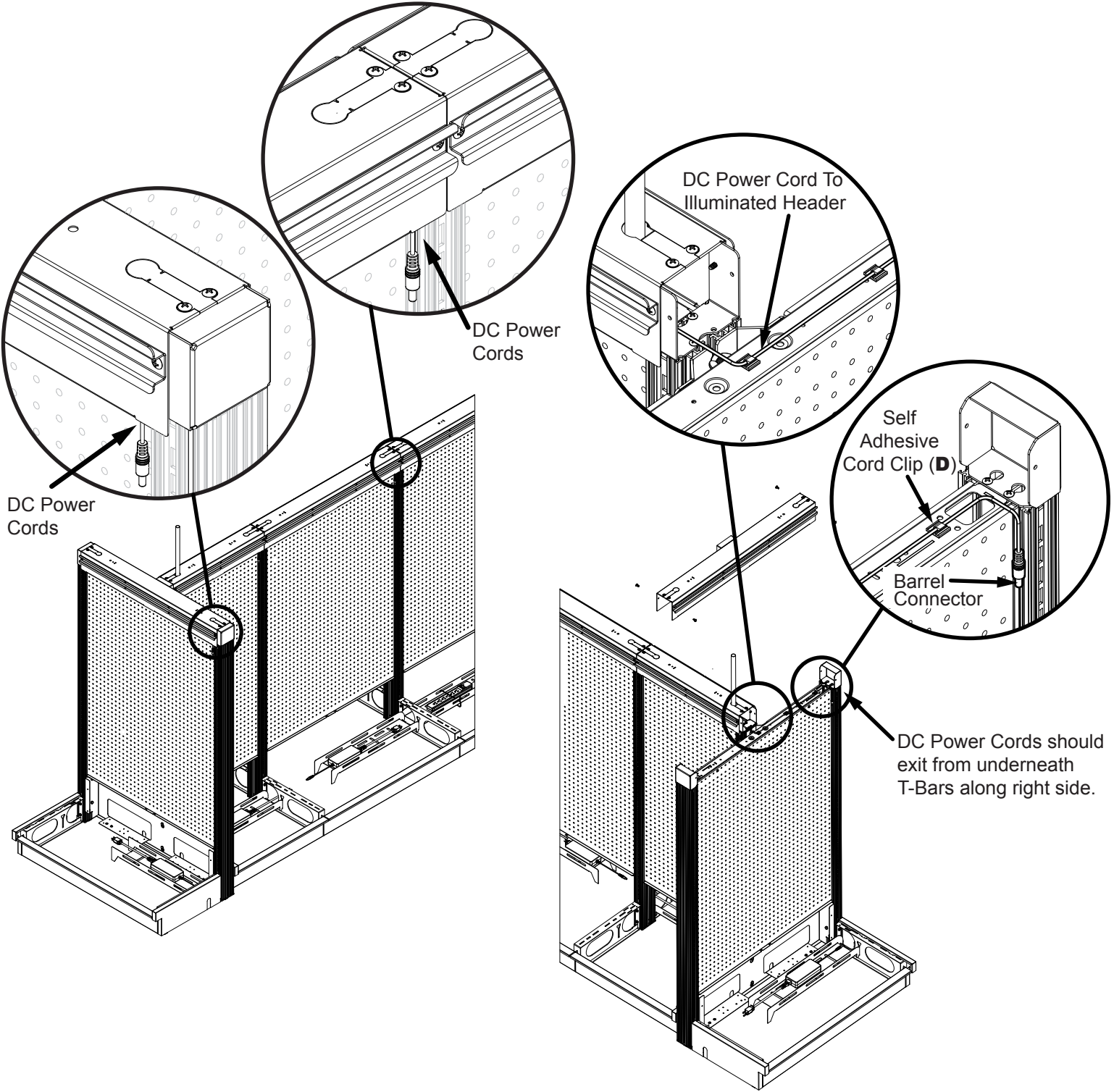
- 10 Shear-form lances are incorporated into Cord Trays (B) in several places and can be used if needed to help secure electrical cords. Route DC Power Cord that will power Endcap Fixture Headers along top of Endcaps using the Self-Adhesive Cord Clips (D).
- 11 Bundle up all AC and DC Cords using twist ties so that any excess wire lengths are contained within the Cord Trays (B) as much as possible.

IMPORTANT! Once T-Bar Top Channels are reinstalled onto VAST Fixture, barrel end of each DC Power Cord will need to exit along bottom, right hand side of T-Bar. Leave enough free length on DC Power Chords so that this can be done.



LIT HEADER INSTALLATION (CONTINUED)

NOTE: On any side of T-Bar that will receive a Lit Header (**A**), corresponding DC Power Cords installed previously must exit along the bottom right hand side of T-BAR. Prior to reinstalling T-Bars onto fixture, make sure DC Power Cords are routed properly and secured in place.

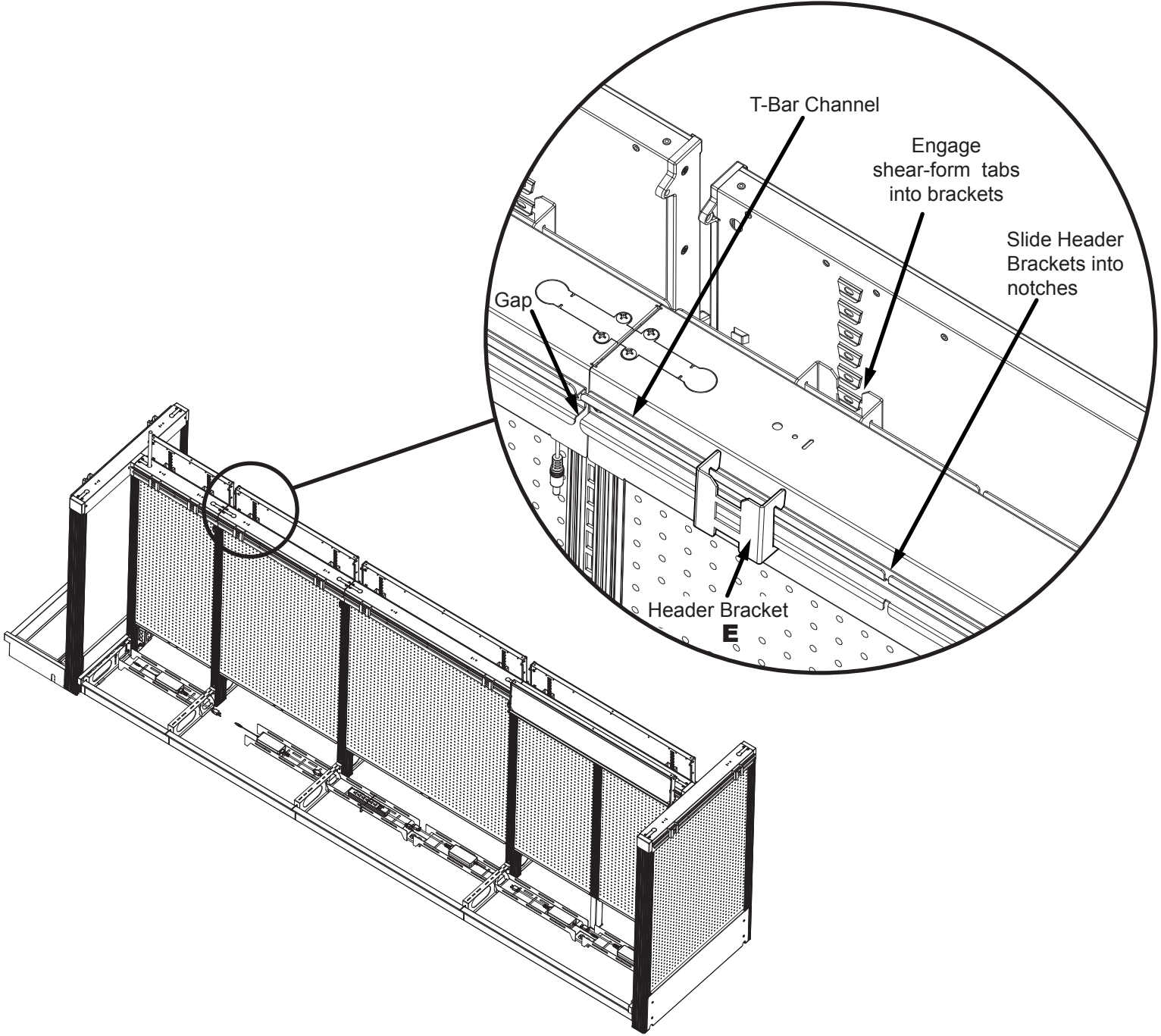


⑫ Install (2) Shallow Header Brackets (**E**) onto each side of T-Bar that will receive a Lit Header (**A**).

Brackets can be installed by way of small gaps between T-Bars or by utilizing notches along front T-Bar Channels.

⑬ Slide Header Brackets (**E**) to adjust spacing of Header Brackets to match shear-form tabs along back of Lit Headers (**A**).

⑭ Engage shear-form tabs along back of Lit Headers (**A**) into openings of Header Brackets (**E**). Push down to lock into place. Height of Headers can be adjusted up or down depending on which Tabs are used.

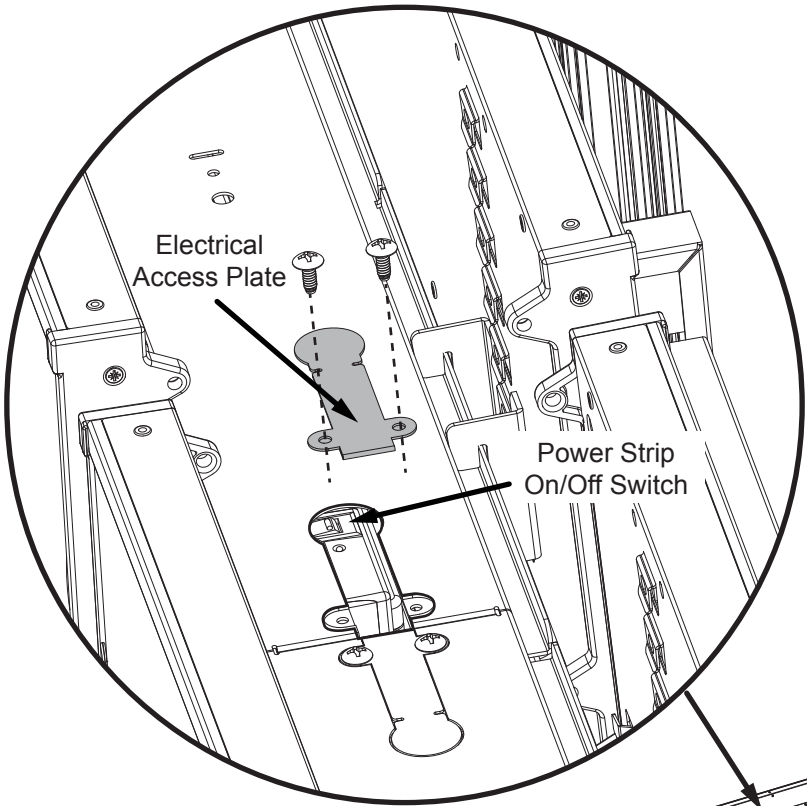
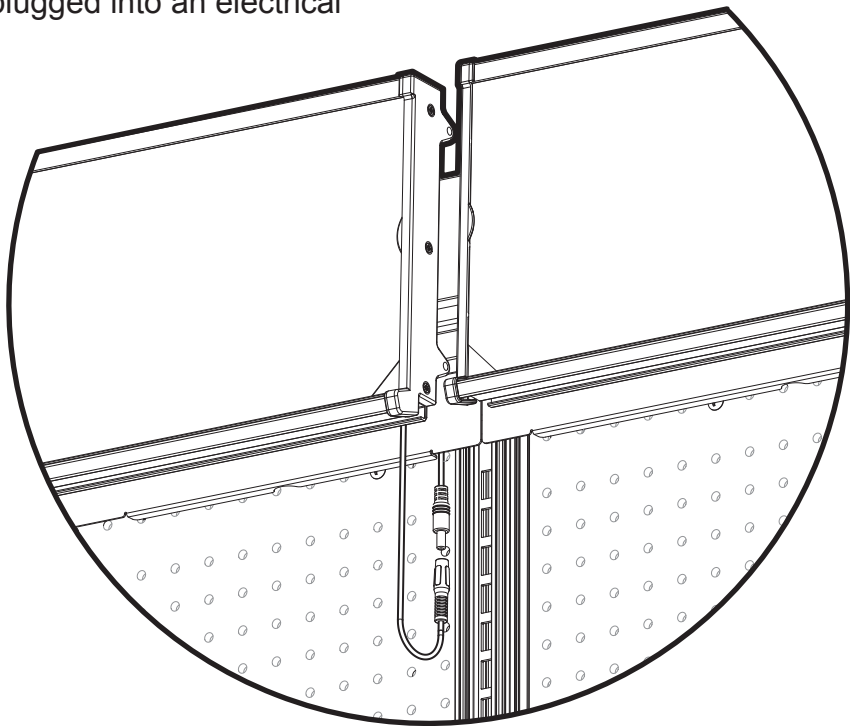


LIT HEADER INSTALLATION (CONTINUED)

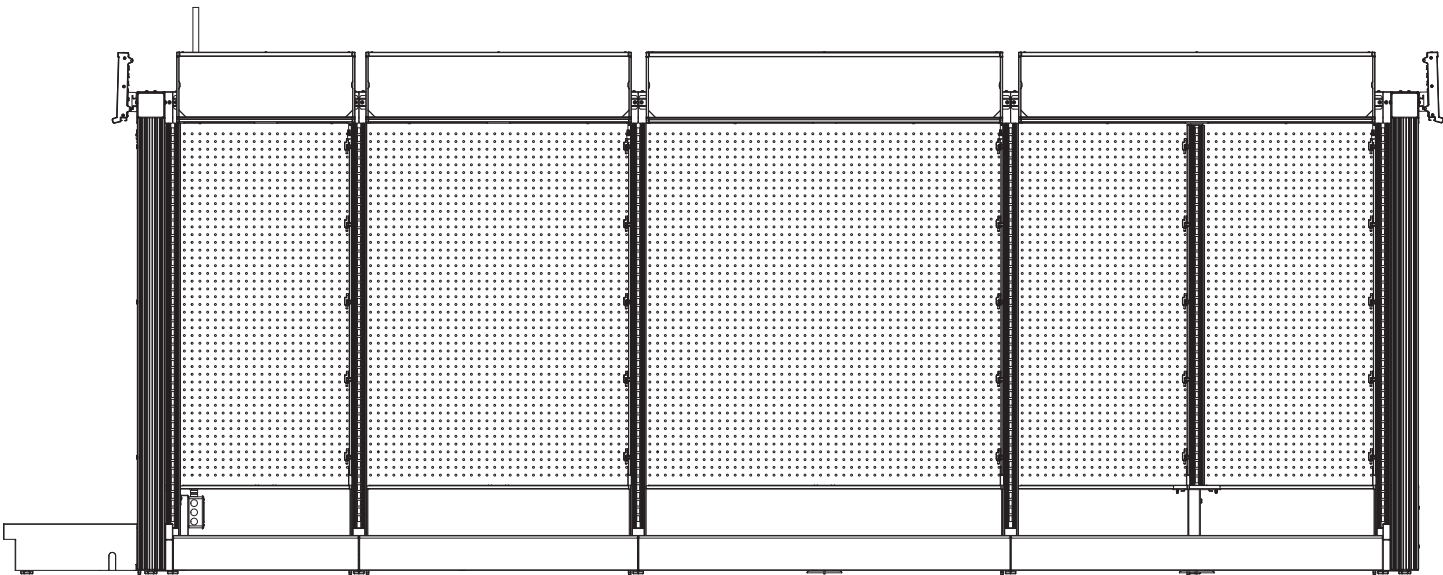
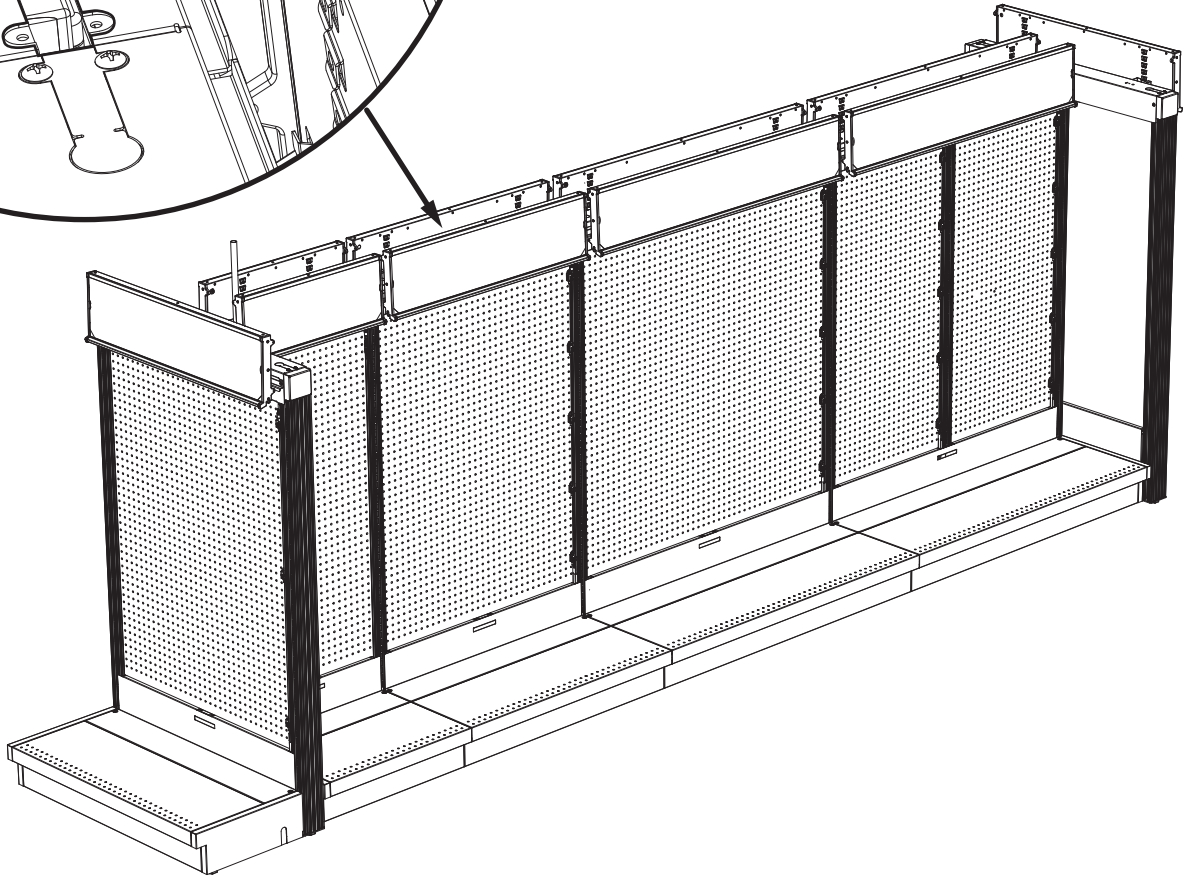
- 15 Plug cord from back of each Lit Header into corresponding Barrel Connector exiting underneath T-Bar Channel.

If Power Switch on Power Strip is **ON** and plugged into an electrical outlet, the Lit Header should light up.

If there is excessive cord length dangling from underside of Sign, use Twist Ties or Zip Ties to bundle cord as needed.

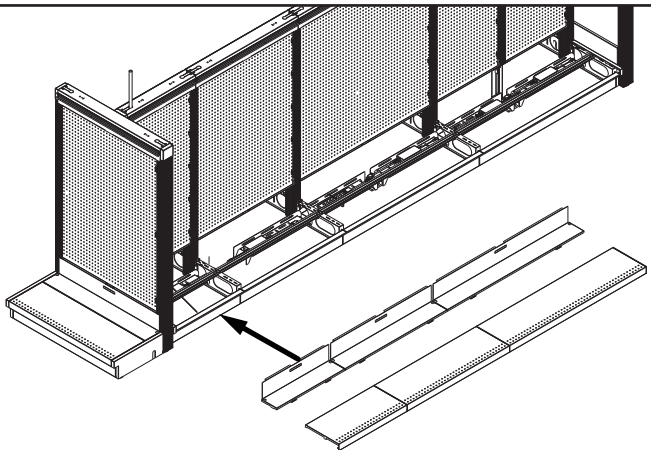


TIP: If T-Bars are installed and you forgot to turn on the Power Switch to Power Strip, you can remove Electrical Access Plate in vicinity of Power Strip, reach in and flip switch to ON position.



Make sure all Power Cords are Installed Properly and Plugged in. On/Off Power Switch on each Power Strip should be **ON**. All headers should be illuminated.

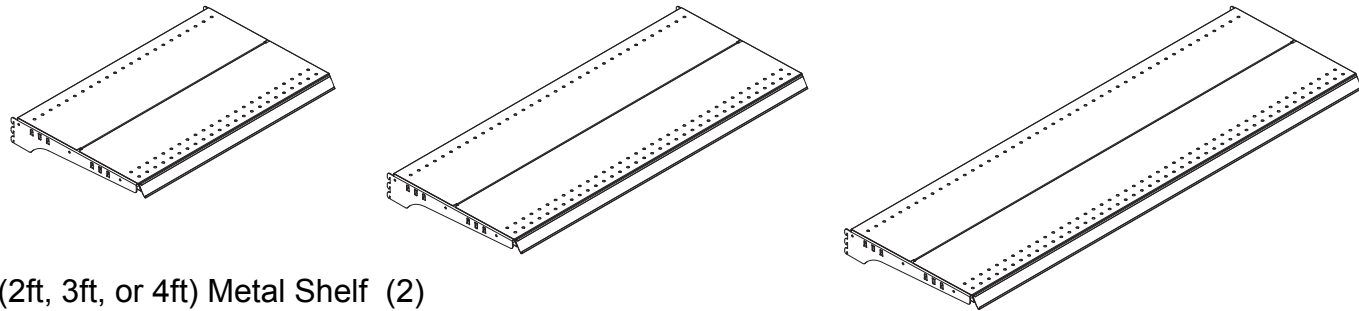
- 16 Reinstall Base Deck Electrical Covers and Base Deck Panels onto VAST Fixture.



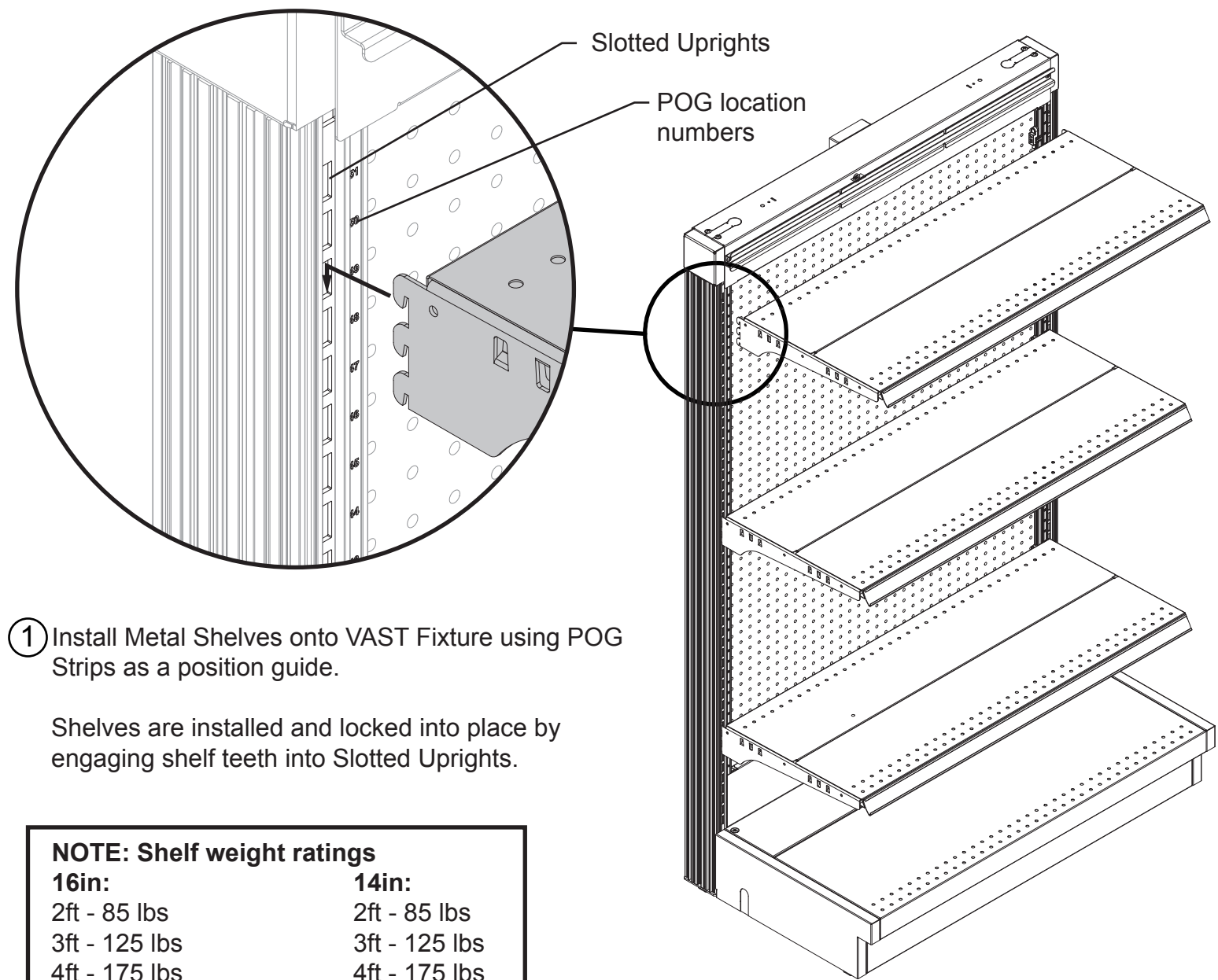
METAL SHELVES

- 2FT BV METAL SHELF - KIT OF 2 : ITEM # V45052
- 3FT BV METAL SHELF - KIT OF 2 : ITEM # V45053
- 4FT BV METAL SHELF - KIT OF 2 : ITEM # V45054
- 2FT BV 14IN METAL SHELF - KIT OF 2 : ITEM # V45080
- 3FT BV 14IN METAL SHELF - KIT OF 2 : ITEM # V45081
- 4FT BV 14IN METAL SHELF - KIT OF 2 : ITEM # V45082

Contents:



(2ft, 3ft, or 4ft) Metal Shelf (2)



1 Install Metal Shelves onto VAST Fixture using POG Strips as a position guide.

Shelves are installed and locked into place by engaging shelf teeth into Slotted Uprights.

NOTE: Shelf weight ratings	
16in:	14in:
2ft - 85 lbs	2ft - 85 lbs
3ft - 125 lbs	3ft - 125 lbs
4ft - 175 lbs	4ft - 175 lbs

LED SHELF DOWNLIGHTS

- 2FT DOWNLIGHT W CORD - V : ITEM # V451012
- 3FT DOWNLIGHT W CORD - V : ITEM # V451013
- 4FT DOWNLIGHT W CORD - V : ITEM # V451014

Contents:



(2ft, 3ft, 4ft) Downlight with Cord - V

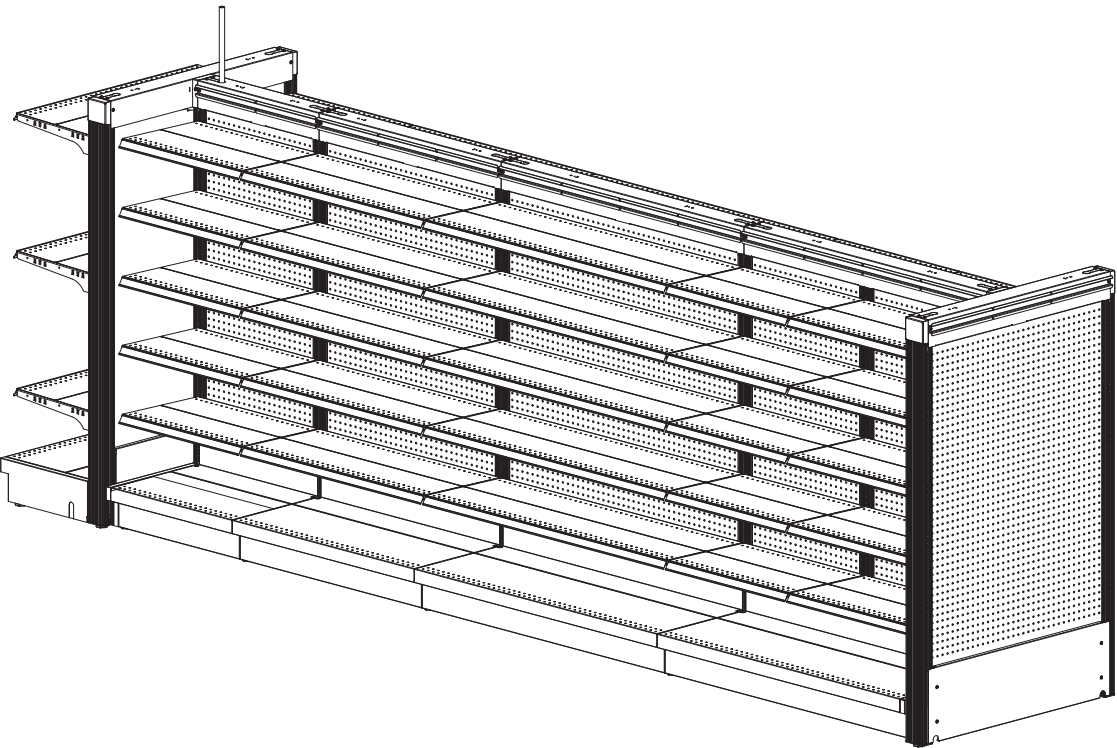
OVERVIEW

These instructions will cover the installation of the LED Downlighting onto the VAST Fixture Shelves. Prior to beginning, **make sure that AC Power has been supplied to the VAST Fixture and that DC Electrical Components have been installed.**

Please refer to **ELECTRICAL INSTALLATION** pages 23-25 and **DC POWER TRACKS & DC ELECTRICAL INSTALLATION** pages 26-30 for further information.

Individual configurations and set-ups may vary in any given retail environment, but the basic principles for implementing undershelf lighting applies as outlined here.

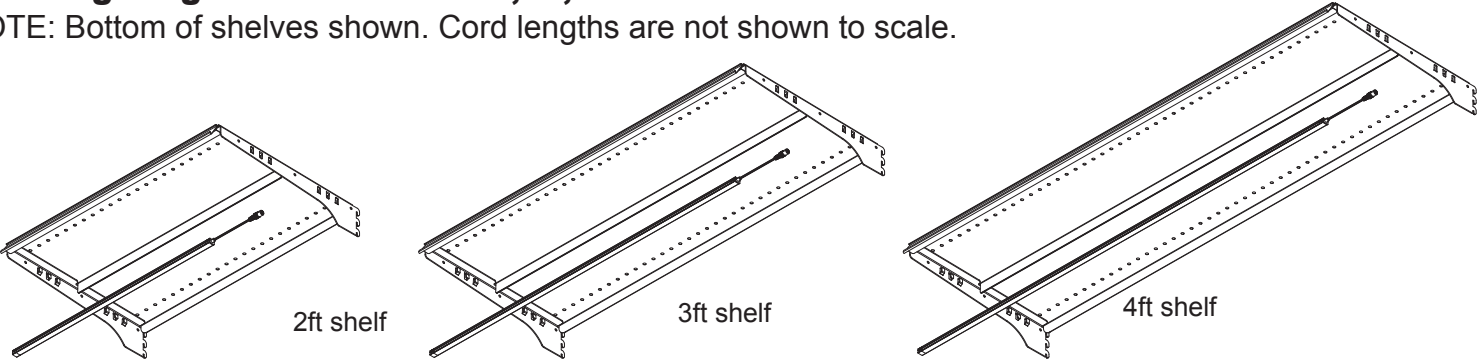
The best approach prior to installing the downlighting is to have the shelves in place on the VAST Fixture per your store Plan-o-gram.



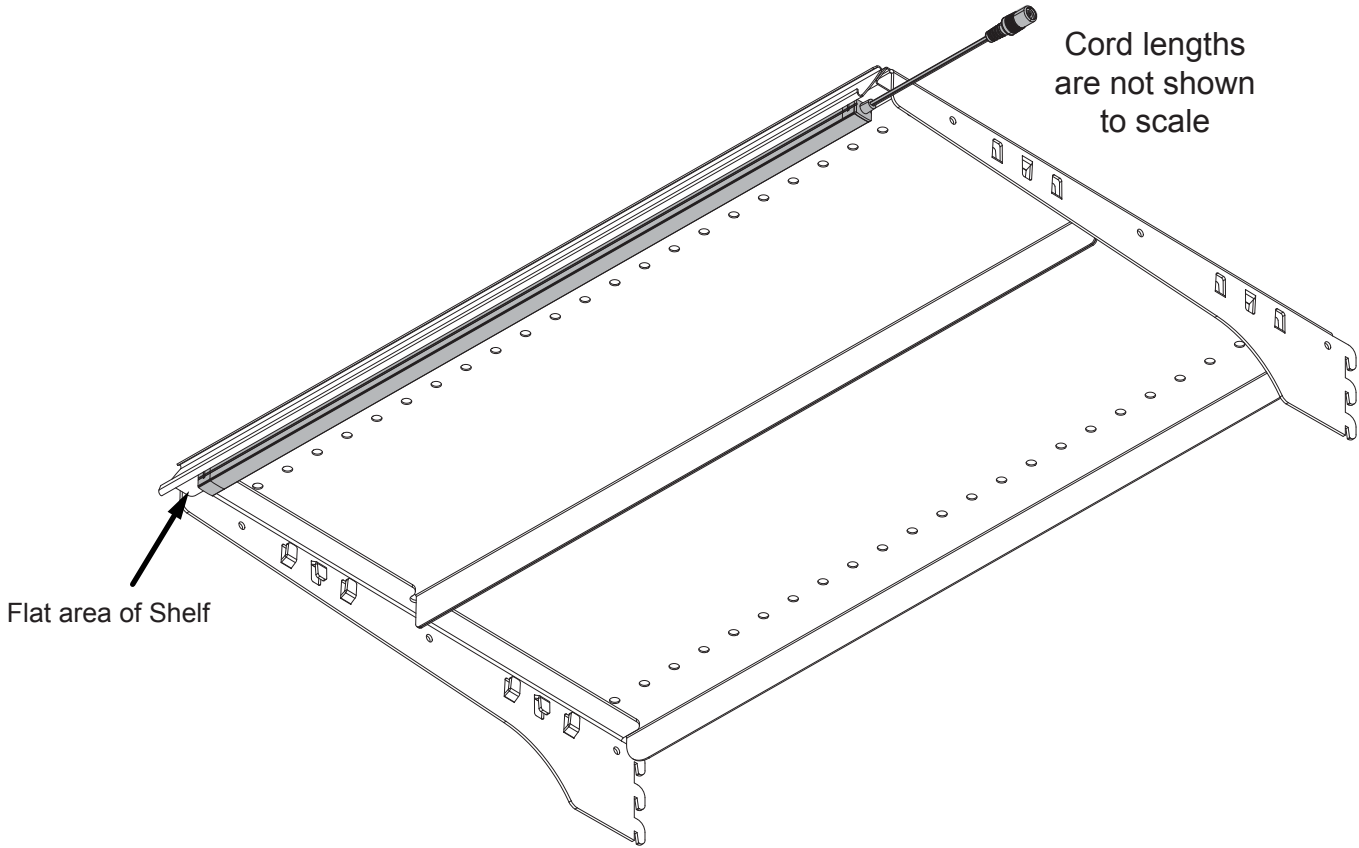
LED SHELF DOWNLIGHTS

(CONTINUED)

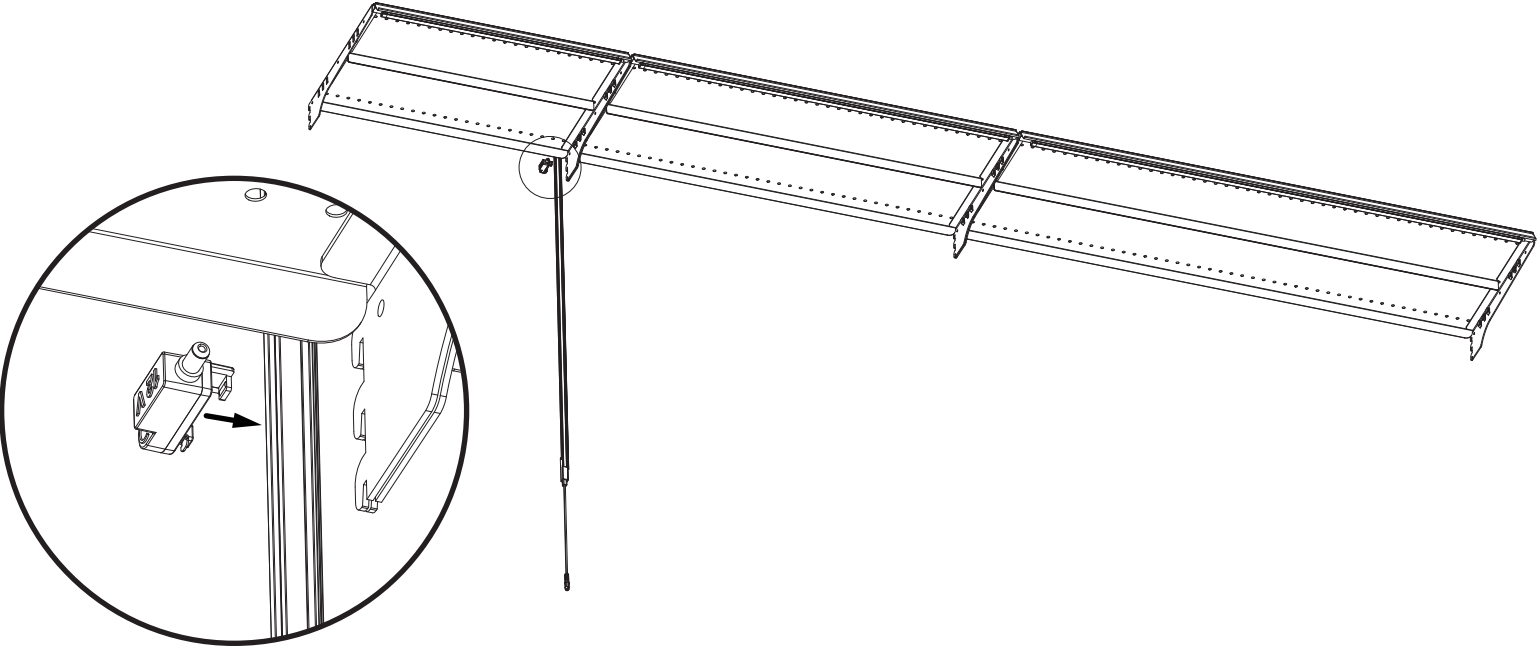
Shelf Lighting is available for 2', 3', and 4' shelves.
NOTE: Bottom of shelves shown. Cord lengths are not shown to scale.



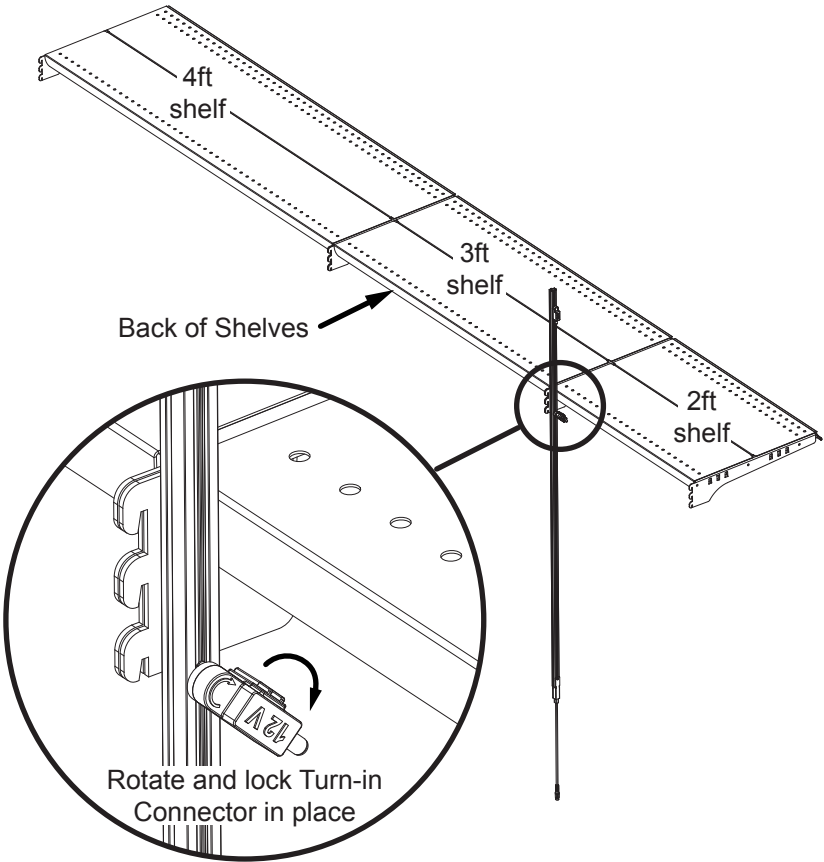
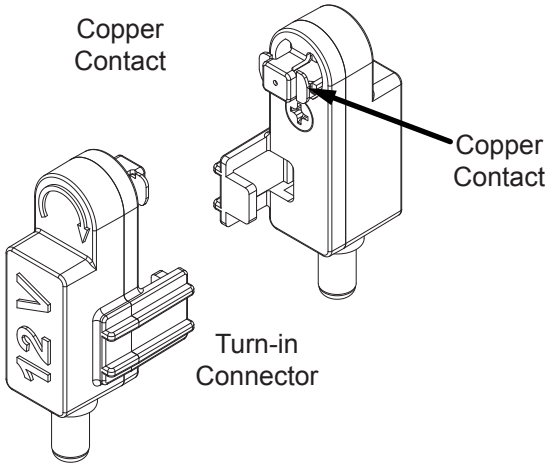
- ① Place Downlight Directly along the Flat area underneath shelf. Each Light Strip has magnets along one side to facilitate attachment to shelf. Orient light cord to right hand side.



- ② Install Turn-in Connector behind, along right hand side, and slightly below each shelf that will receive a LED Light Strip.



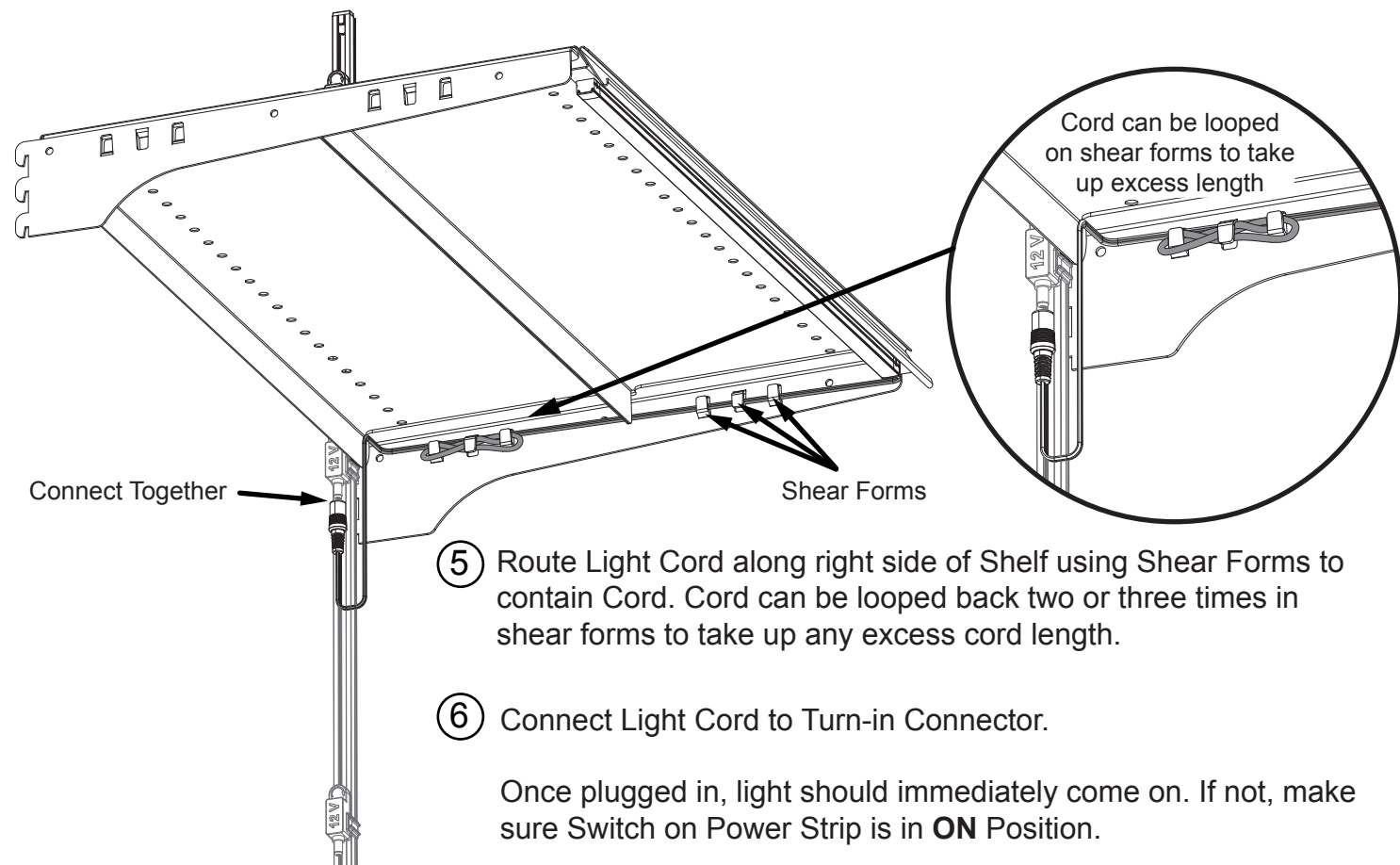
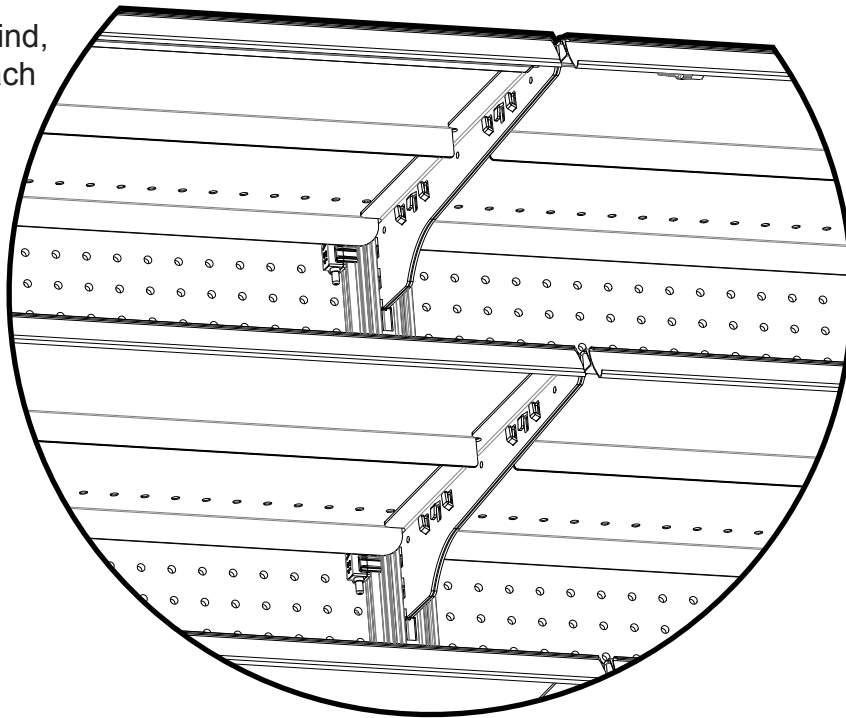
- ③ Orient Turn-in Connector 90 degrees relative to DC Power Track, push connector copper contacts into open side of Power Track, then rotate clockwise to lock into place.



LED SHELF DOWNLIGHTS

(CONTINUED)

- ④ Continue to install Turn-in Connectors behind, along right hand side and slightly below each shelf that will receive a LED Light Strip.



NOTE: DO NOT install more than (5) Turn In Connectors per Power Track section.