Monitor Frame | ASSEMBLY INSTRUCTIONS
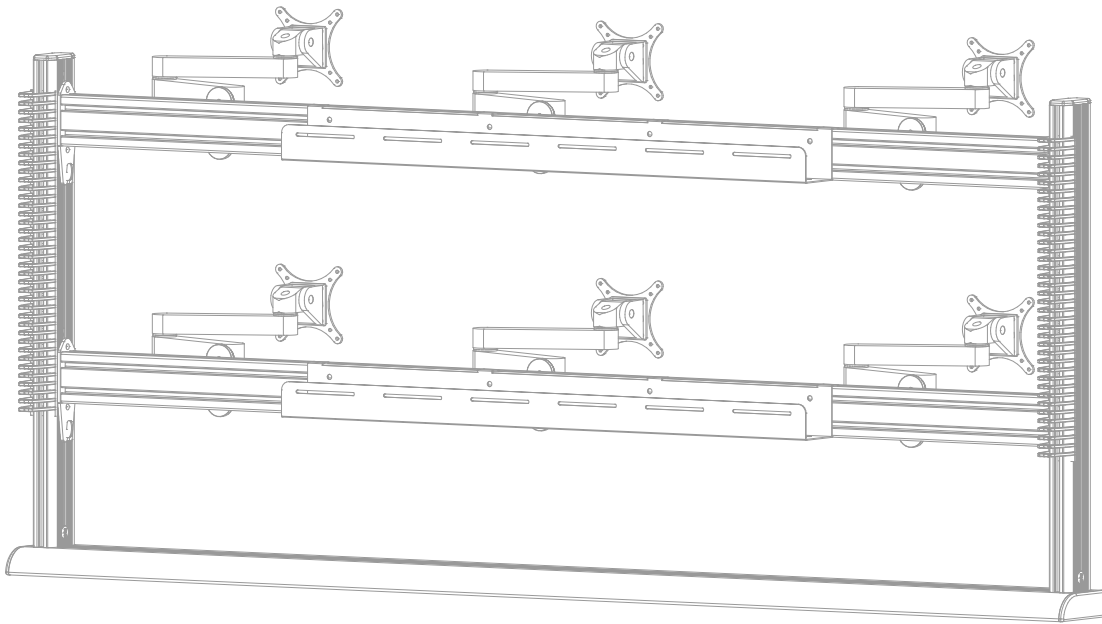
Contents:

BEFORE YOU BEGIN...

Read instructions prior to assembly. This console contains parts that can be damaged if assembled incorrectly or in the wrong sequence.

Verify that you have all the parts required to assemble the console. Due to many configurations possible for the Monitor Frame, there may be extra hardware included. Exact hardware and parts required are listed on the same page as the step where they are needed.

Assistance is required during some parts of the assembly; look for this "Helper" symbol:

Caution:

Do not stand or sit on console.

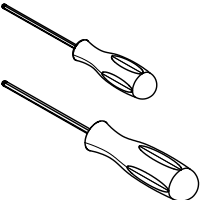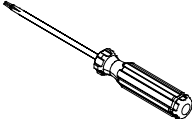A level and sturdy foundation is required before console construction can begin.

Incorrect installation could void your warranty. Have peace of mind by contacting a TBC certified technician. To locate one close to you, email support@tbcconsoles.com.

Design Build:

Each Monitor Frame is made to order and built around specific monitor models and quantities as approved in the final design drawings. Any changes to the monitors, or to factors previously unknown in design, may necessitate different parts and a design consultation with your salesperson.

TBC makes no representation on the ability to change the configuration sold with the current parts provided. If there is a foreseeable future change in monitor size or position then please ensure this is communicated to your salesperson.

Needed for Installation:

3/16" Hex Screwdriver

1/4" Hex Screwdriver
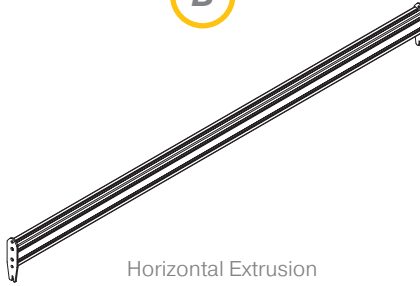
Phillips Screwdriver   Helper

PARTS

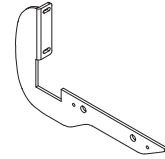Parts used in your Monitor Frame may vary, refer to provided engineering drawings for your project

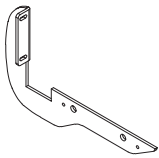**A**

Upright

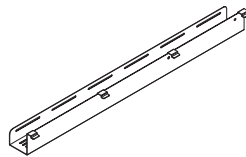(shown w/ 2 pre-installed hooks)

B

Horizontal Extrusion

C

Left Monitor Frame

Support Bracket - Qty (1)

D

Right Monitor Frame

Support Bracket - Qty (1)
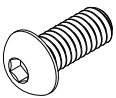
E

Horizontal Wire Trough

F

Vertical Wire Trough

HARDWARE

AA

5/16-18 x 3/4" Button Head Screw

BB

5/16-18 x 5/8" Button Head Screw

CC

1/4-20 X 5/8" Button Head Screw

DD
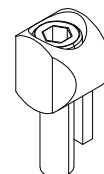
1/4-20 X 1/2" Button Head Screw
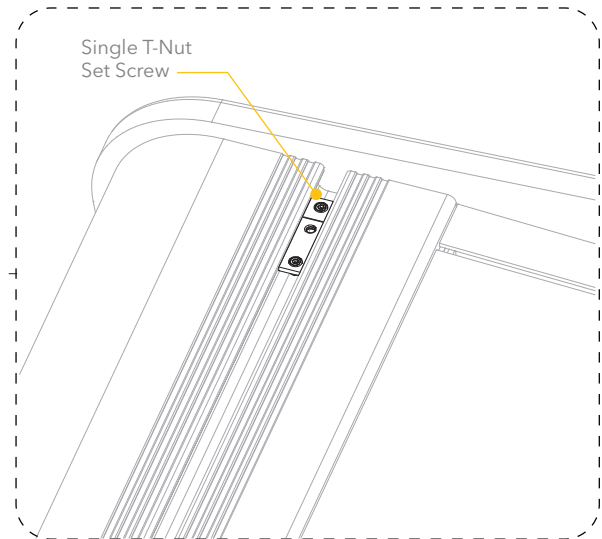
EE

#12 x 3/4" Pan Head Screw

FF
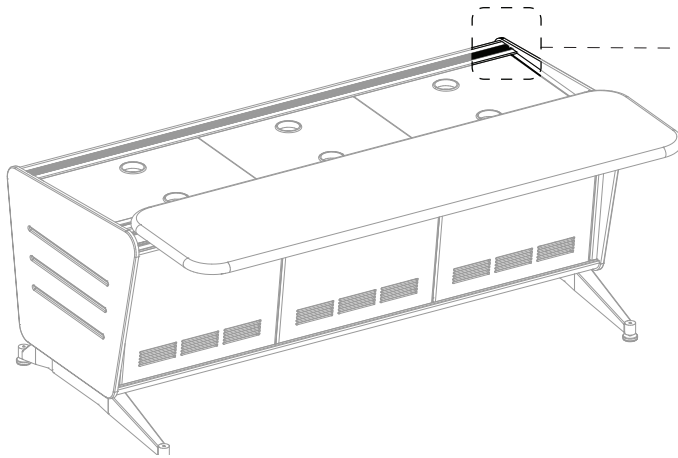
Round Grommet Nut

GG

Anchor Fastener

MONITOR FRAME ASSEMBLY

Step 1

For installations* needing more than one anchor fastener per extrusion, remove set screw on the single T-Nut only to mount the upright with anchor fasteners.

Single T-Nut
Set Screw

*Typical of ControlTrac, intelliTrac, and FITT Consoles.
SmartTrac consoles with heavy or high monitor frames.

Step 2

Insert (1) Anchor Fastener (GG) into the bored hole in the Right Upright (A) then secure the Upright to the T-Nut set in the Rear Trac. Repeat procedure for the Left Upright (A).

A

GG

Anchor Fastener
w/ Hex Socket Screw
(QTY 2)

MONITOR FRAME ASSEMBLY
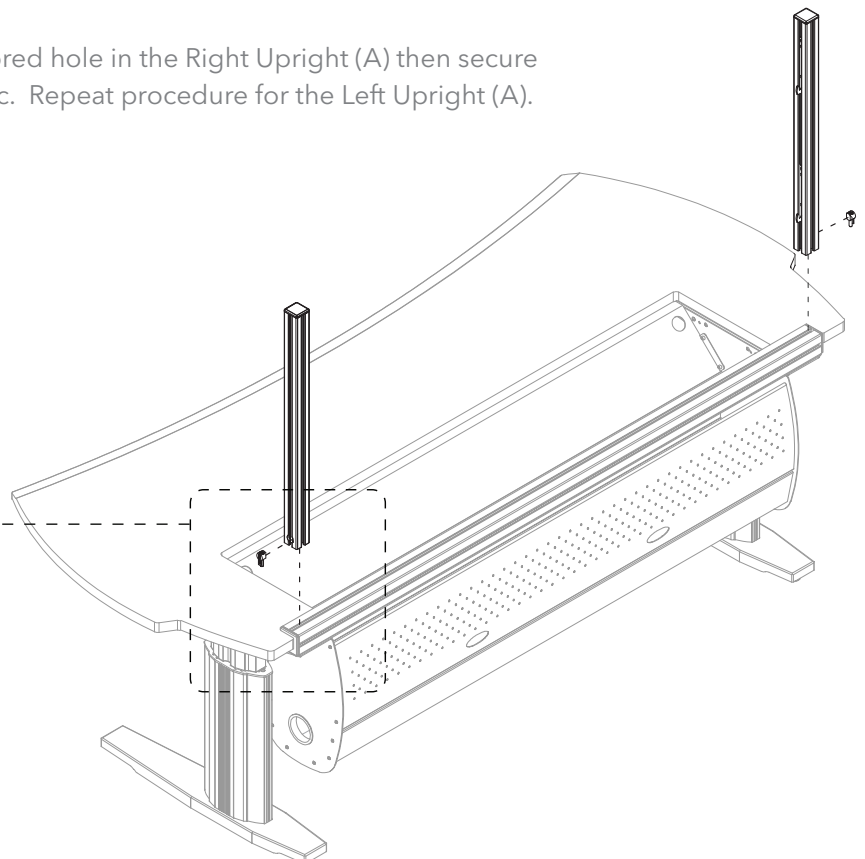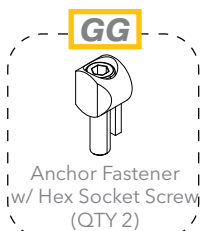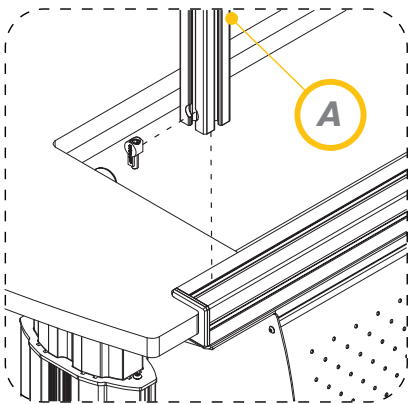
Step 3

For monitor frames with horizontal extrusion close to the rear extrusion of the console, loosen the set screw located on the J-Bracket in the upright and position using the provided spacer block. Tighten set screw and remove spacer. Repeat this step for all extrusion J-Brackets in this position.

Loosen set screw

J-Bracket

Spacer
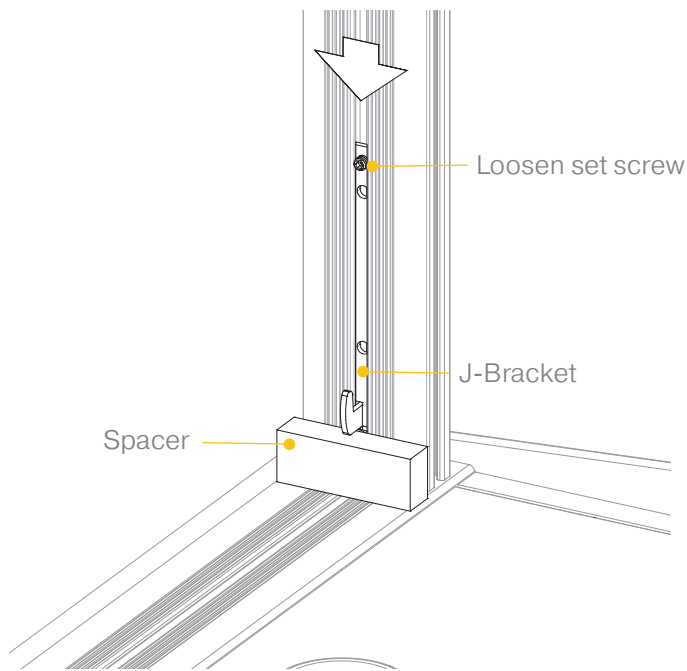
Step 4

Slide Horizontal Extrusion (B) onto the pre-installed Hook Brackets on the Upright (A) then secure using (BB) Screws. Repeat this step for each additional Horizontal Extrusion.

BB

5/16-18 x 5/8"
Button Head Screw
(2 per bracket)

B

A
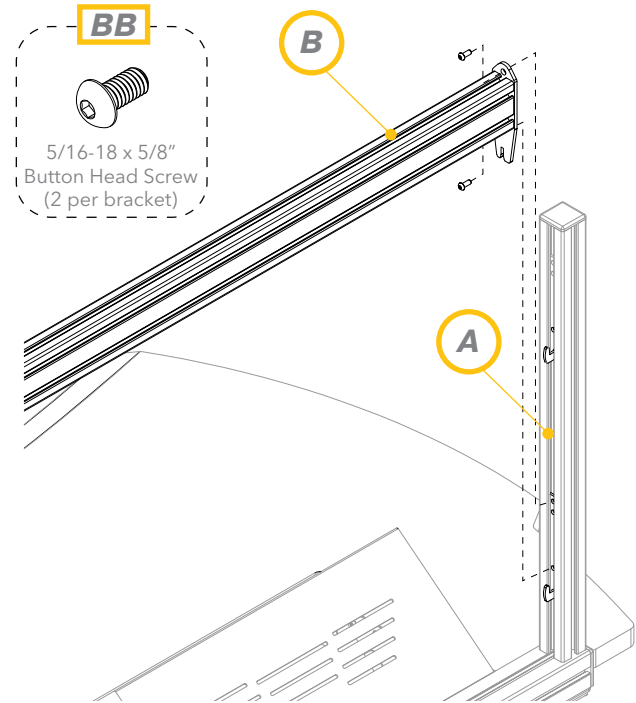
Step 5

Attach the Left Monitor Frame Support Bracket (C) to the Upright (A) using the button head screws (AA) and to the Countertop Support Arm using button head screws (DD). Repeat Step for Right Monitor Frame Support Bracket (D).

A

C

AA

5/16-18 x 3/4"
Button Head Screw
(2 per bracket)

CC

1/4-20 x 5/8"
Button Head Screw
(2 per bracket)
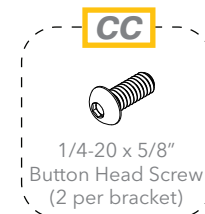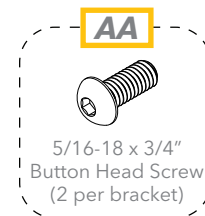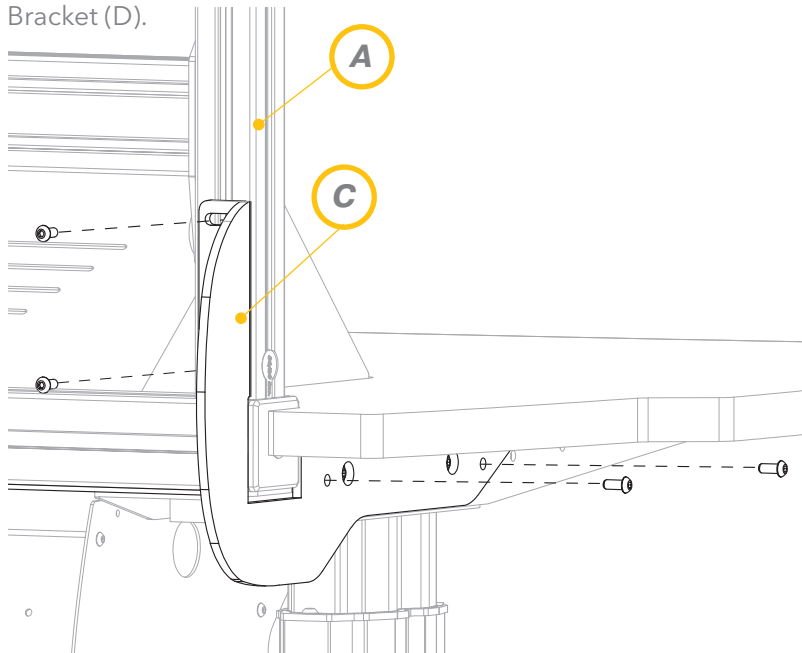
PIVOT BRACKET

Step 1

Align bracket on horizontal Extrusion (B) with the bracket on upright Extrusion (A).

Step 2

Using (2) [DD] screws attach Extrusion (B) bracket to Extrusion (A) bracket on the top and bottom. Fasten other side of Extrusion (B) to the other pivot or fixed bracket.

A

B

DD

1/4-20 x 1/2"
Button Head Screw
(2 per pivot bracket)
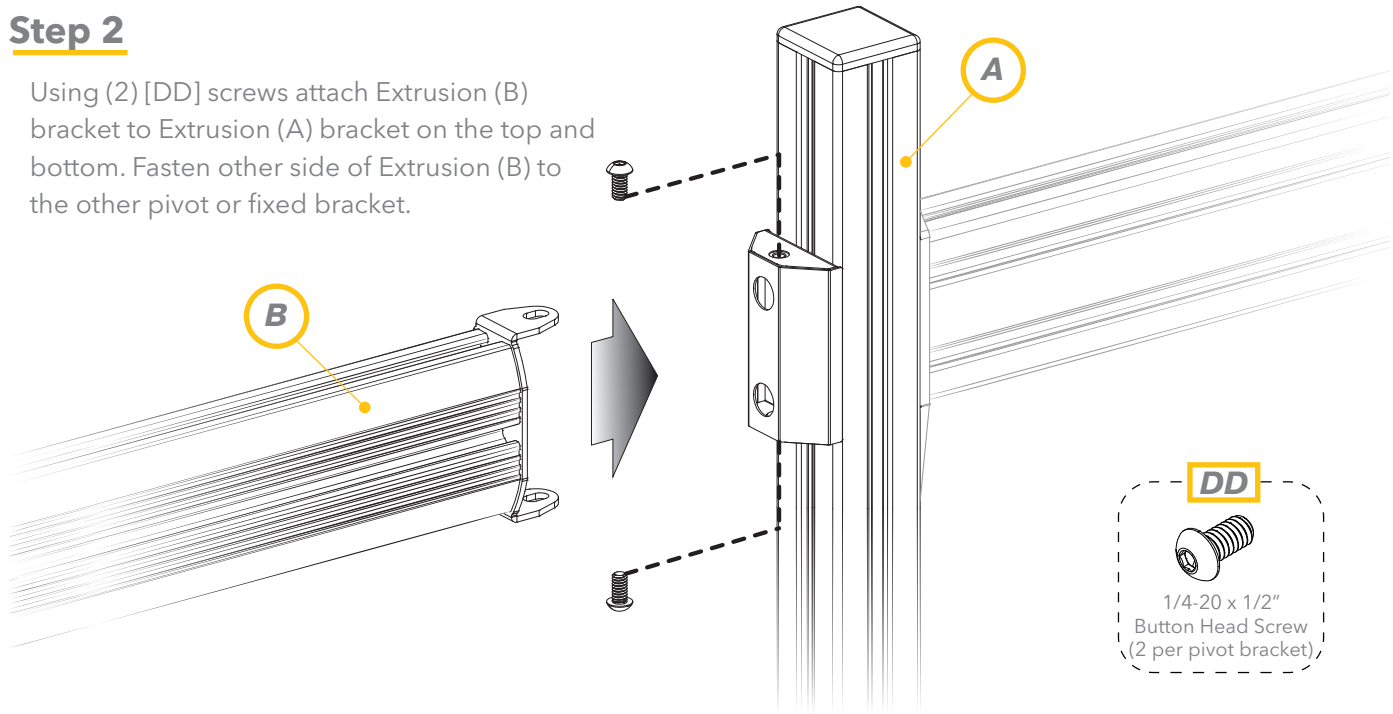
HORIZONTAL TROUGH

Insert the tabs of the Horizontal Wire Trough (E) into the top slot of the Horizontal Extrusion (B) and rotate downward to lock the Horizontal Wire Trough into place.
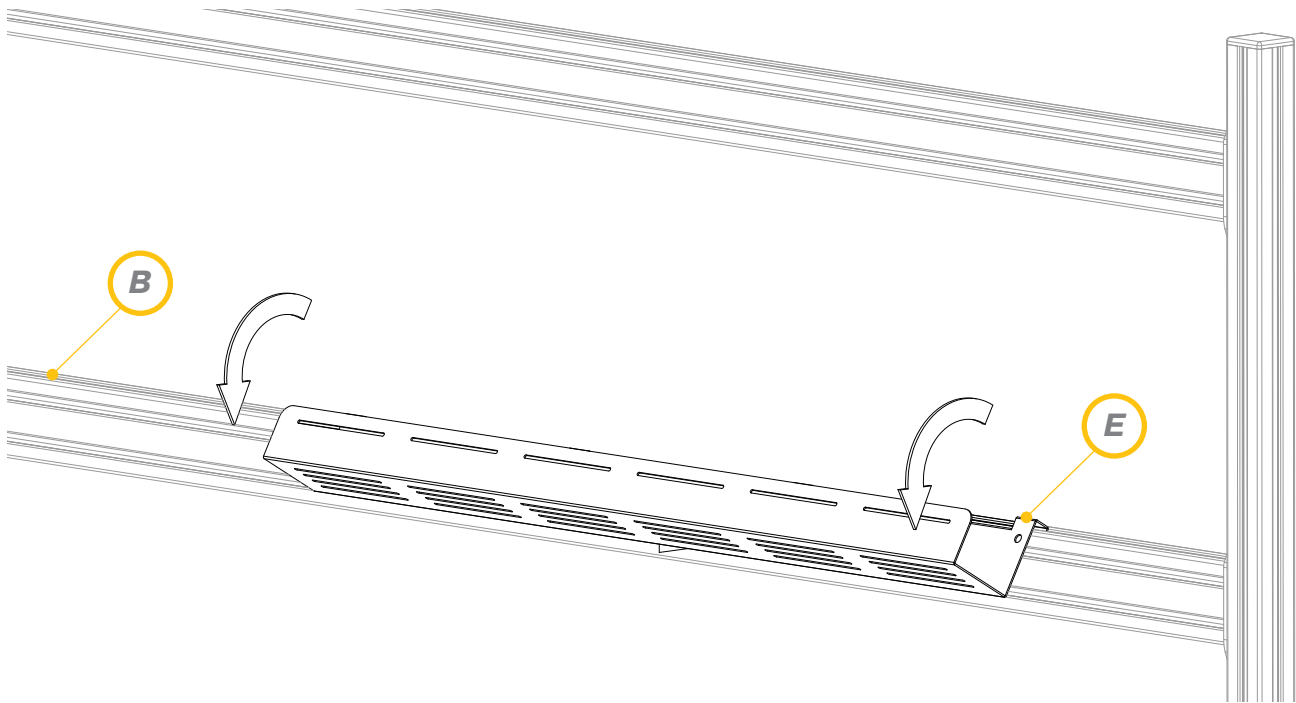

VERTICAL TROUGH

Attach the Vertical Wire Trough (F) to the Uprights (A) by inserting the round grommet nuts (EE) into the extrusion slot and driving the pan head screws (FF) into the grommet nut.
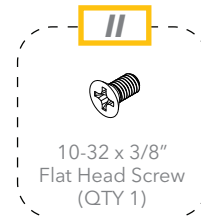

EE
Round Grommet Nut
(QTY varies)

FF
#12 x 3/4" Pan Head
Screw (QTY varies)
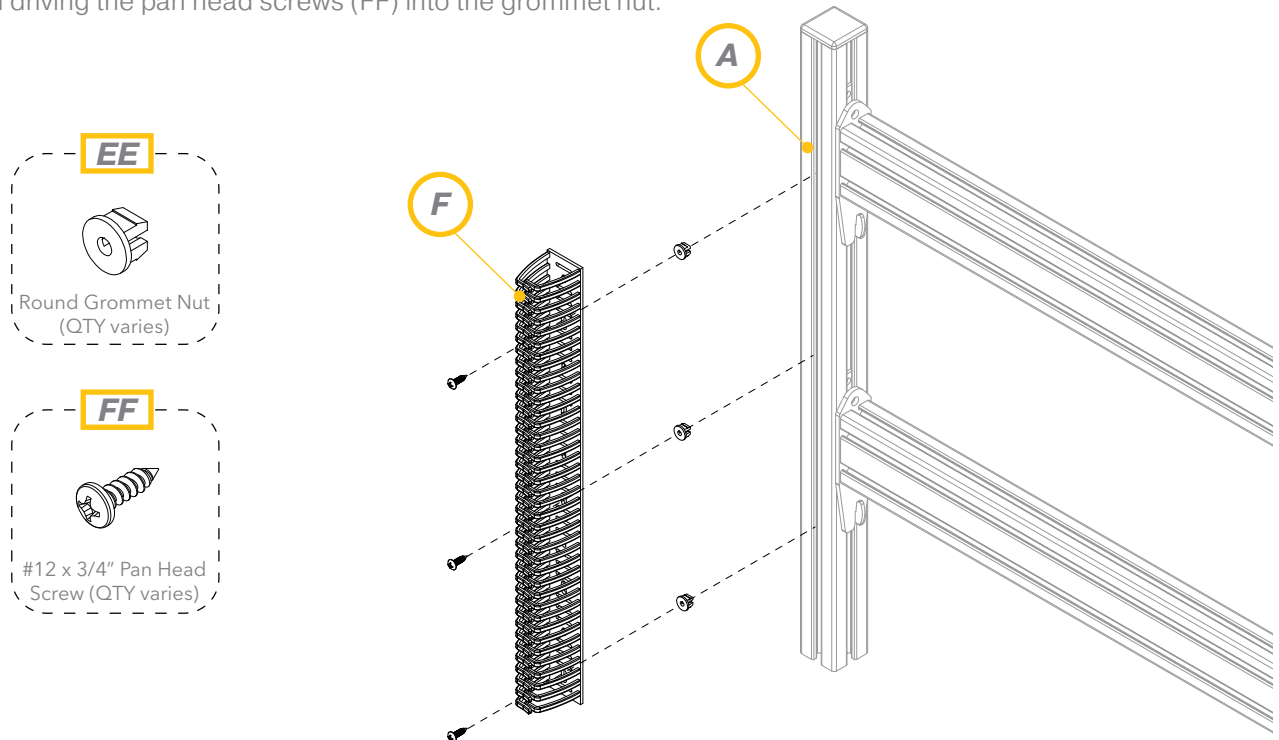
FP-9110 MONITOR ARM

Insert the stem of the FP-9110 Monitor Arm into the pre-attached mounting cup bracket and secure the Monitor Arm using a dog washer (HH) and flat head screw (II).
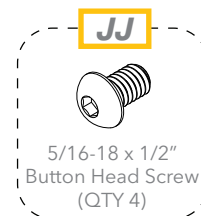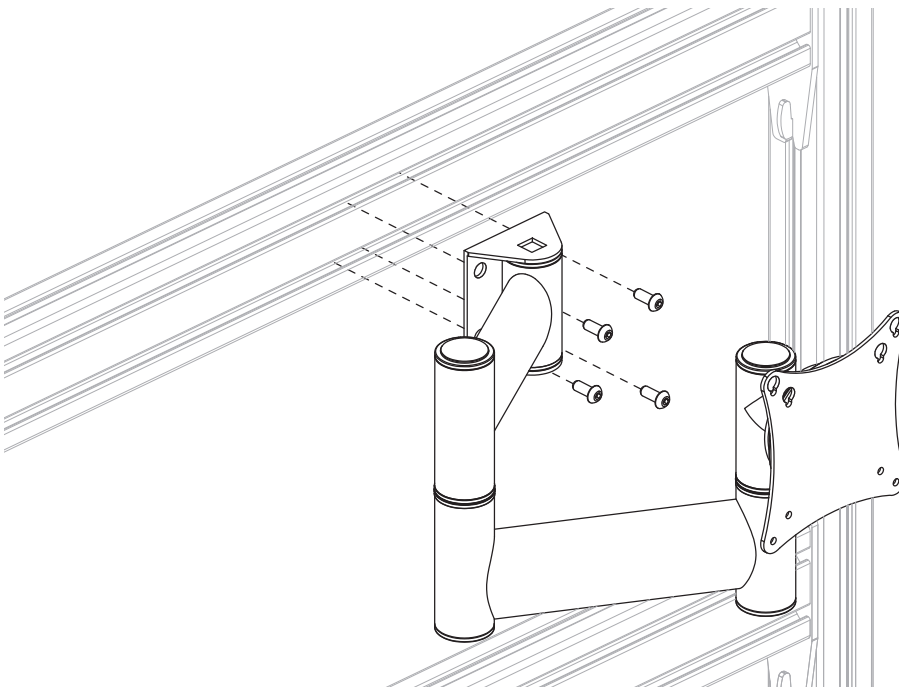

HH

Dog Washer
(QTY 1)

II
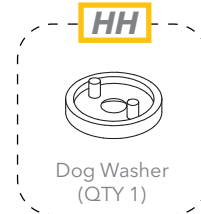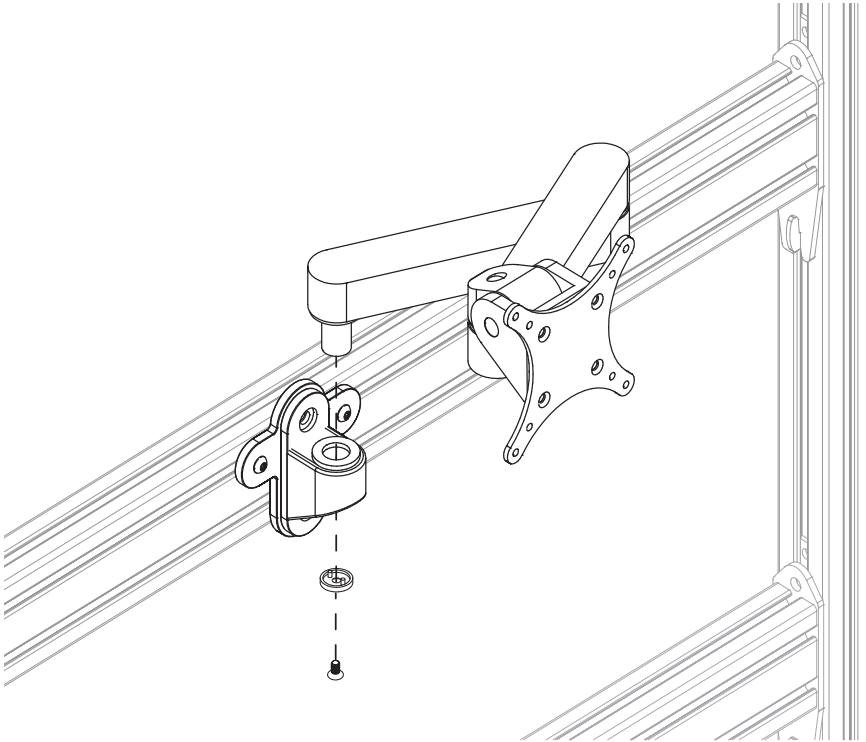
10-32 x 3/8"
Flat Head Screw
(QTY 1)

AM50 MONITOR BRACKET

Attach the AM50 Monitor Bracket to the Horizontal Extrusion (B) using (4) button head screws (JJ) - Screw through the Monitor Bracket into the T-nuts set inside of the Horizontal Extrusion.
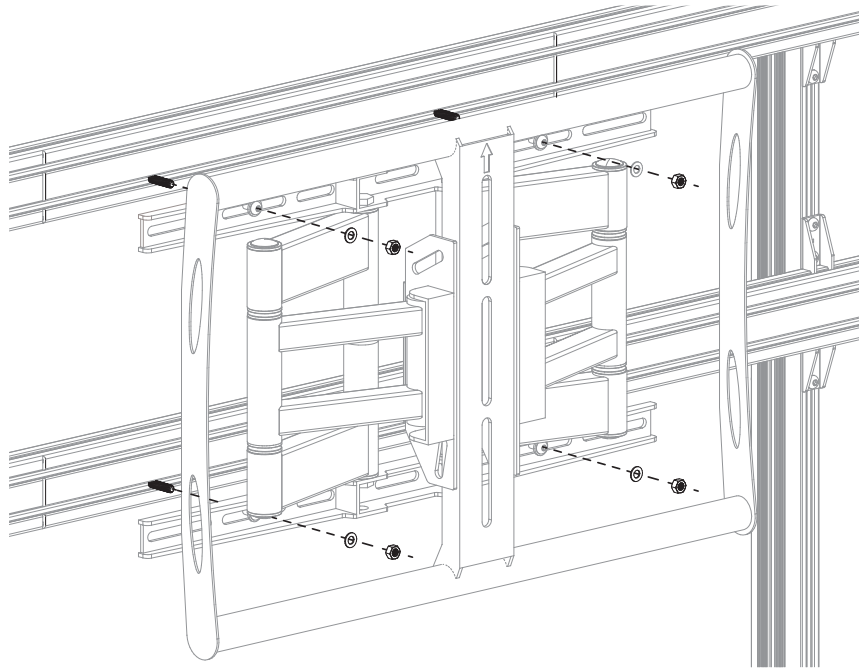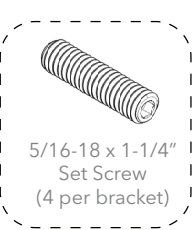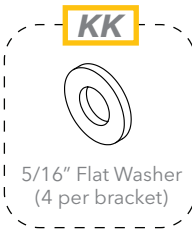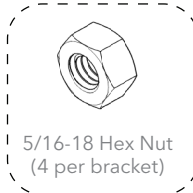

JJ
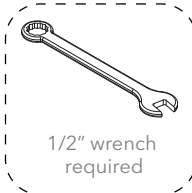
5/16-18 x 1/2"
Button Head Screw
(QTY 4)

AM 65/95/175/LMV MONITOR BRACKET

Locate scribe marks on front face of extrusion. Position T-nuts, which are pre-installed inside horizontal extrusion, approximately 6" inside each scribe location. Finger tighten (4) set screws into T-nut locations. Align the Monitor Bracket (AM175 shown) to scribe marks and attach using (4) 5/16-18 Hex nuts with (4) 5/16" washers by screwing into the pre-set T-nuts and tighten with 1/2" wrench.

1/2" wrench
required

5/16-18 Hex Nut
(4 per bracket)

KK

5/16" Flat Washer
(4 per bracket)

5/16-18 x 1-1/4"
Set Screw
(4 per bracket)

PRIVACY SCREEN

Place the Spacer (LL) over the pre-installed threaded stud on the Upright (A) then hang the Privacy Screen on the threaded studs and attach with the Acorn Nuts (MM).

LL

3/4" x 3/4" Spacer
(QTY 4)

MM

5/16-18 Acorn Nut
(QTY 4)
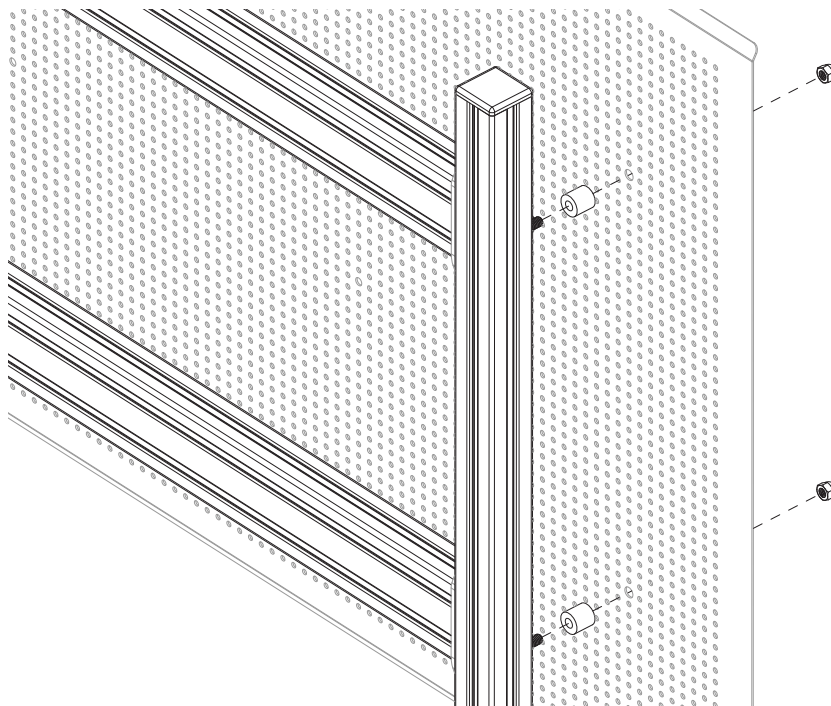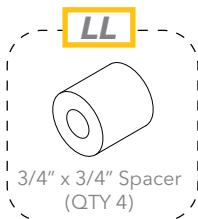
NOTES

TBC Consoles provides a robust warranty on all our products, however, incorrect installation could void this warranty. Save time by engaging with our expert installation team, contact support@tbcconsoles.com.

All patterns, designs, and specifications are the intellectual property of TBC Consoles and may not be reproduced without prior written consent.

These assembly instructions are meant as a guide. As we provide custom consoles based on a modular standard design, it is not possible to cover all possible customizations. In the event that a customization applies for your project beyond this guide then a detailed drawing or additional instructions will be provided.

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