



## Assembly Guide FPE100 2021 B

Check out our other products online at  
[www.copernicused.com](http://www.copernicused.com)

For assistance, please contact us:

**1-800-267-8494**

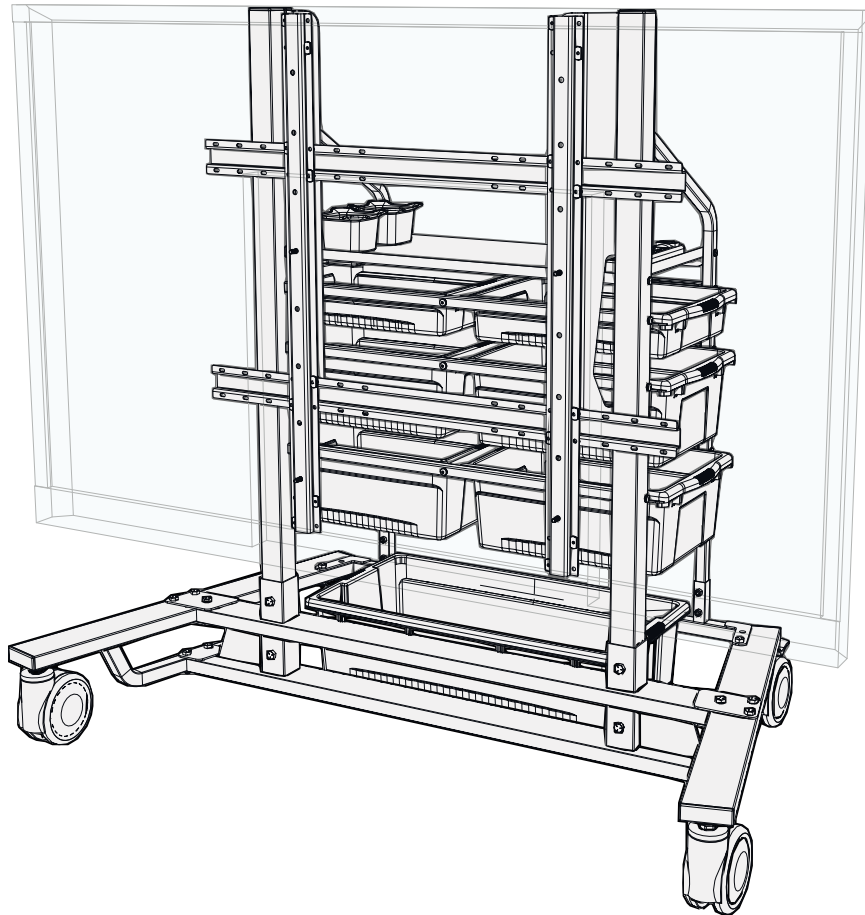
Email [info@copernicused.com](mailto:info@copernicused.com)

**Have your packing slip ready for reference**

## WARNING



- This product is meant to be assembled by an adult.
- In its unassembled state, small parts present a hazard.
- To be used under direct supervision of an adult.



*Shown with SMART MX265 Flat Panel (sold separately)*



## Assembly Guide

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Dear Educator,

Thank you for purchasing the iRover2™ Interactive Flat Panel Easel. We hope it meets all your expectations and you and your students enjoy using it at your school.

If you have any questions, concerns or ideas on how we can improve please let us know by contacting our Customer Solutions Ninjas at 1-800-267-8494 or [info@copernicused.com](mailto:info@copernicused.com).

Happy teaching,

Kaylyn Belcourt  
 President

We do not inherit the  
 earth from our ancestors,  
 we borrow it from our  
 children.

NORTH AMERICAN

PROVERB

Change is the end result  
 of all true learning.

LEO BUSCAGLIA

What you leave behind is  
 not what is engraved in  
 stone monuments, but  
 what is woven into the  
 lives of others.

PERICLES

Education is the most  
 powerful weapon which  
 you can use to change the  
 world.

NELSON MANDELA

**1  
 Year**

Component  
 Warranty

**5  
 Year**

Frame  
 Warranty

**Life  
 Time**

Tub  
 Warranty

## Validate Your Warranty

To validate your warranty, submit the ON-LINE form at [www.copernicused.com](http://www.copernicused.com)

**Enter a drawing to win a Copernicus Product for your classroom at the same time!**



# Warning! Hazard Risks!

Please read the warnings below for important safety information regarding your product. Failure to read these warnings or to follow the instructions below could result in personal injury or damage to your product that could void your warranty.



Small  
Parts

In its unassembled state, this product contains parts that can be hazardous to small children. This product should be assembled by an adult.



Adult  
Supervision

This product is to be used under the supervision of an adult.



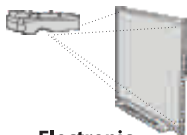
Indoor Use  
Only

This product is intended for indoor use only. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The internal components are not sealed from the environment.



Power Strip  
Specifications

Read your power strip electrical specifications. Only plug in devices that are approved for use with this power strip. Connect the supplied power strip directly to a wall outlet. **Do not connect to another power strip or use an extension cord.** Unplug when not in use. **Do not leave this product plugged in for more than 72 consecutive hours.** Turn off power strip before unplugging.



Electronic  
Equipment

Read the electrical specifications of any electronic equipment you are using with your Copernicus products. Failure to read these specifications and follow their instructions could result in damage to your equipment or personal injury.



Cable Trip  
Hazard

Ensure that any cables extending across the floor to your product are properly bundled and marked to avoid tripping or falling which may lead to personal injury.



Electrical Shock

Do not install or use the electrical components of this unit during a lightning storm.



Climb Hazard

Do not climb on, hang from or suspend objects from any components of your product unless otherwise specified.

# Tips for Assembly

## Watch for These Helpful Symbols

This symbol denotes a 2- Person Task. For safety, please ensure that there are the suggested number of people working on steps displaying this symbol.



Watch for this symbol throughout the Assembly Guide. Wherever you see it, pay close attention. The symbol denotes a step needing extra attention to ensure it is done correctly.



The star symbol highlights an advisory note.



## Before You Begin

- Lay out and identify all of the included parts.
- The hardware has been packed according to step.
- Read the assembly guide over once to familiarize yourself with them.



**!** Please note that in its unassembled state, this product contains parts that can be hazardous to small children. This product should be assembled by an adult.

## As You Assemble the Unit

- Follow the steps in sequence.
- Before beginning each step, find the part(s) that you need for that step.
- Pay attention to the labels on the parts; they are there to help direct you at certain stages.
- The title of each step states what you will be doing. Review the text and the pictures as you build the unit.

# Customer Service - FAQ's



### For missing parts and other issues regarding the frame:

Please call Copernicus Customer Service, where we will be happy to help.  
1-800-267-8494. Monday - Friday 8:00am - 4:30 pm EST.

OR

Email our Tech Support Service at [vanessa@copernicused.com](mailto:vanessa@copernicused.com)

### Need Tech Support? Have a Question?



Email our Tech Support Service

### My Flat Panel isn't working, who should I call?

Please call the reseller that you bought the product from first (reseller information can be found on your packing slip).

### Check out some of our other great products!



[www.copernicused.com](http://www.copernicused.com)

**Before beginning, you should have:**

Additional tools required:

Adjustable wrench (2x)

**OR**7/16" Wrench (2x)  
9/16" Wrench (2x)**+**

Screwdriver



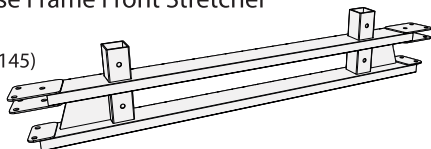
Phillips #2 or #3

**Contents - Box 0**

Base Frame Front Stretcher

**1x**

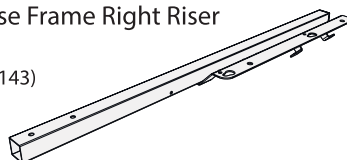
(33145)



Base Frame Right Riser

**1x**

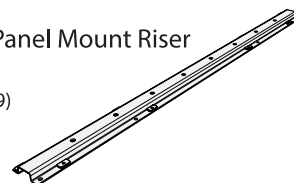
(33143)



Flat Panel Mount Riser

**2x**

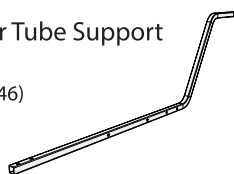
(33149)



Rear Tube Support

**2x**

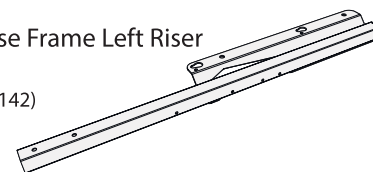
(33146)



Base Frame Left Riser

**1x**

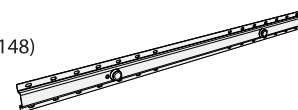
(33142)



Flat Panel Mount Stretcher

**2x**

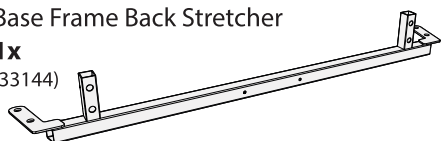
(33148)

**Contents - Box 1**

Base Frame Back Stretcher

**1x**

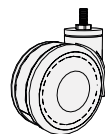
(33144)



5" Caster

**2x**

(410066)



Tiny Tub - Orange

**2x**

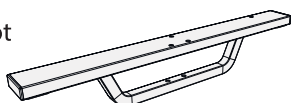
(CC4072-O)



Left Foot

**1x**

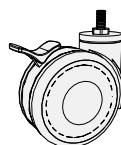
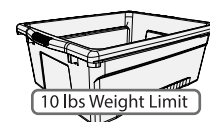
(32254L)



5" Locking Caster

**2x**

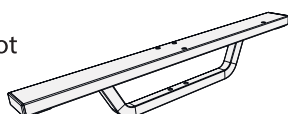
(410065)

Open Tub - Red, Blue, Yellow,  
Green**4x**(CC4068-R)  
(CC4068-B)  
(CC4068-Y)  
(CC4068-G)

Right Foot

**1x**

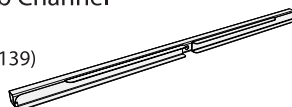
(32254R)



Tub Channel

**6x**

(33139)



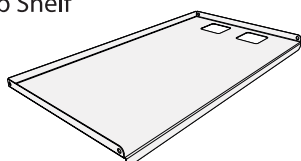
Shallow Tub - Red, Blue

**2x**(CC4074-R)  
(CC4074-B)

Laptop Shelf

**1x**

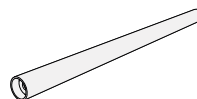
(32260)



Tub Channel Joining Stretcher

**3x**

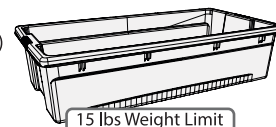
(33141)



Really Big Tub - Blue

**1x**

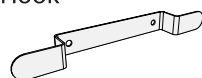
(CC4073)



Cable Hook

**1x**

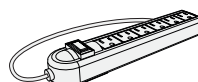
(34091)



6 Outlet Powerbar

**1x**

(25515)

**... hardware on following page**

**Before beginning, you should have:**

Hardware:  
Actual Size

- (A) 3/8" x 1-1/2" Bolt  
(43308)  
**12x**



- (B) 3/8" x 2-1/4" Bolt  
(43310)  
**4x**



- (C) #10-24 x 1/2" Self Tapping Screw  
(4302012)  
**8x**



- (D) 1/4" x 3/4" Self Tapping Screw  
(4300510)  
**6x**



- (V) 1/4" x 1" Screw  
(43004)  
**2x**



- (E) 1/4" x 1-1/4" Screw  
(43005)  
**8x**



- (F) 1/4" x 1-1/2" Screw  
(43006)  
**12x**



- (G) 1/4" x 2-1/4" Screw  
(43034)  
**2x**



- (H) 1/4" x 2-1/2" Screw  
(430082)  
**6x**



- (I) 1/4" Lock Nut  
(430101)  
**8x**



- (J) 3/8" Lock Nut  
(430122)  
**16x**



- (K) 3/8" Flat Washer  
(430197)  
**6x**



- (L) #10-24" Flat Washer  
(4301002)  
**8x**



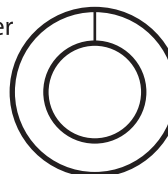
- (M) 1/4" Lock Washer  
(43010)  
**32x**



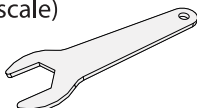
- (N) 5/16" Lock Washer  
(43025)  
**4x**



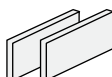
- (O) 1/2" Lock Washer  
(43010211)  
**4x**



Caster Wrench  
(not to scale)  
**1x**  
(320955)



Hook & Loop Tape  
(not to scale)  
**1x**  
(43322, 43323)



Hook & Loop Straps  
(not to scale)  
**6x**  
(43321)



## Metric VESA Mounting Hardware

- (P) M6 x 15mm VESA Screw  
(432151)  
**4x**



- (Q) M6 x 20mm VESA Screw  
(43222)  
**4x**



- (R) M8 x 15mm VESA Screw  
(432764)  
**4x**



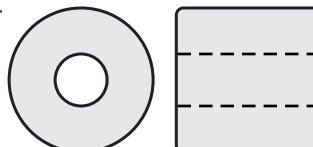
- (S) M8 x 25mm VESA Screw  
(432765)  
**4x**



- (T) M8 x 40mm  
(432762)  
**4x**



- (U) 3/4" Spacer  
(4303141)  
**4x**



1

Actual Size:



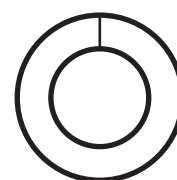
(A) 10x



(J) 10x



(K) 4x

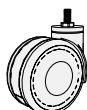


(O) 4x

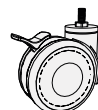
You will need: (Not to Scale)



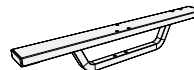
Base Frame Front Stretcher  
1x



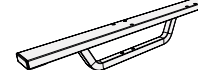
5" Caster  
2x



5" Locking Caster  
2x



Left Foot  
1x



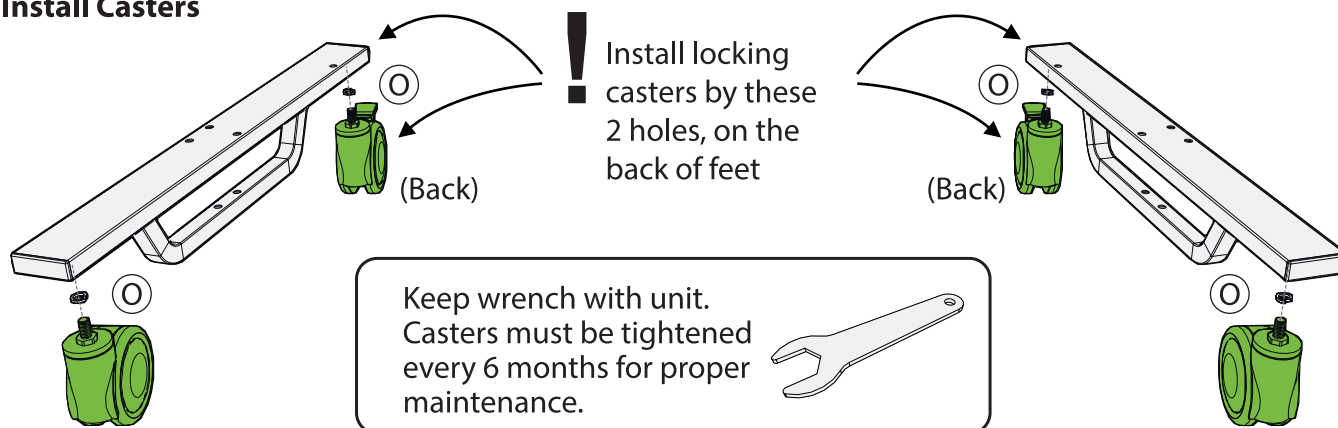
Right Foot  
1x



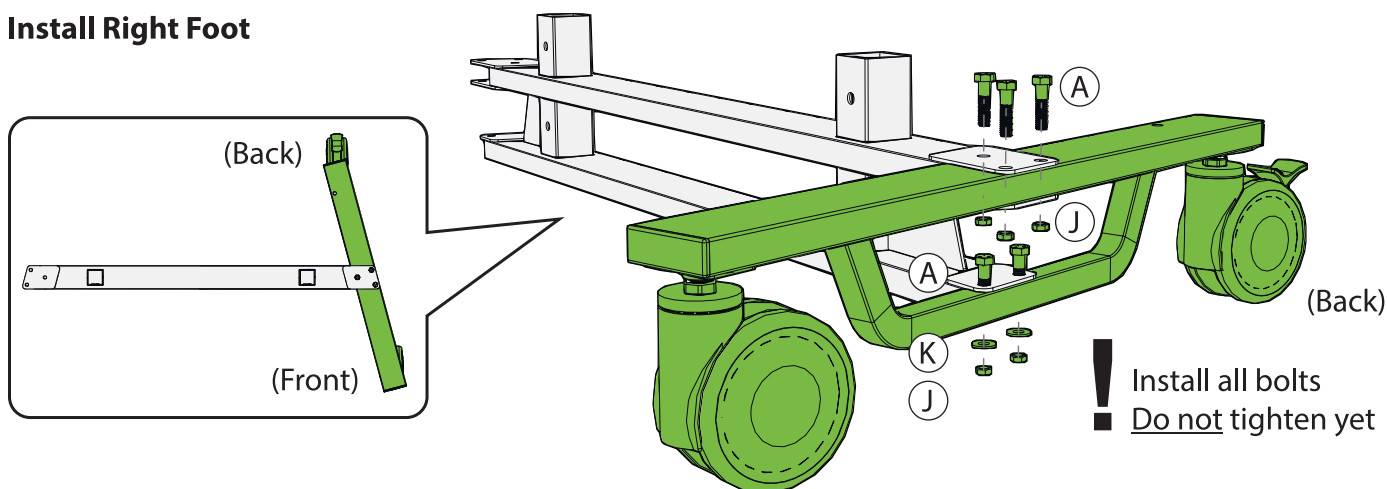
Caster Wrench  
1x

## Assembly Base Frame

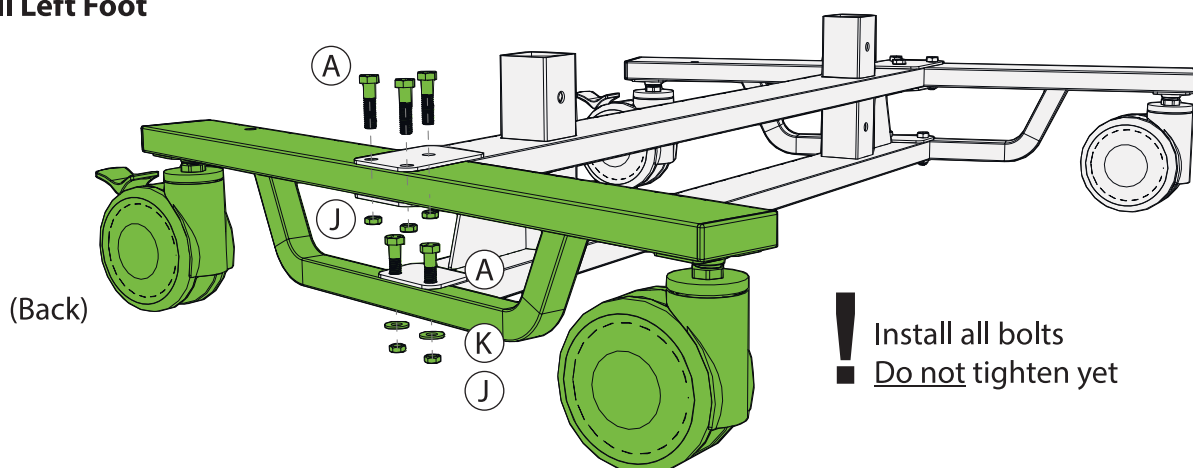
### A Install Casters



### B Install Right Foot



### C Install Left Foot



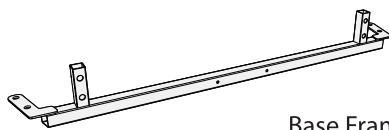


2

Actual Size:



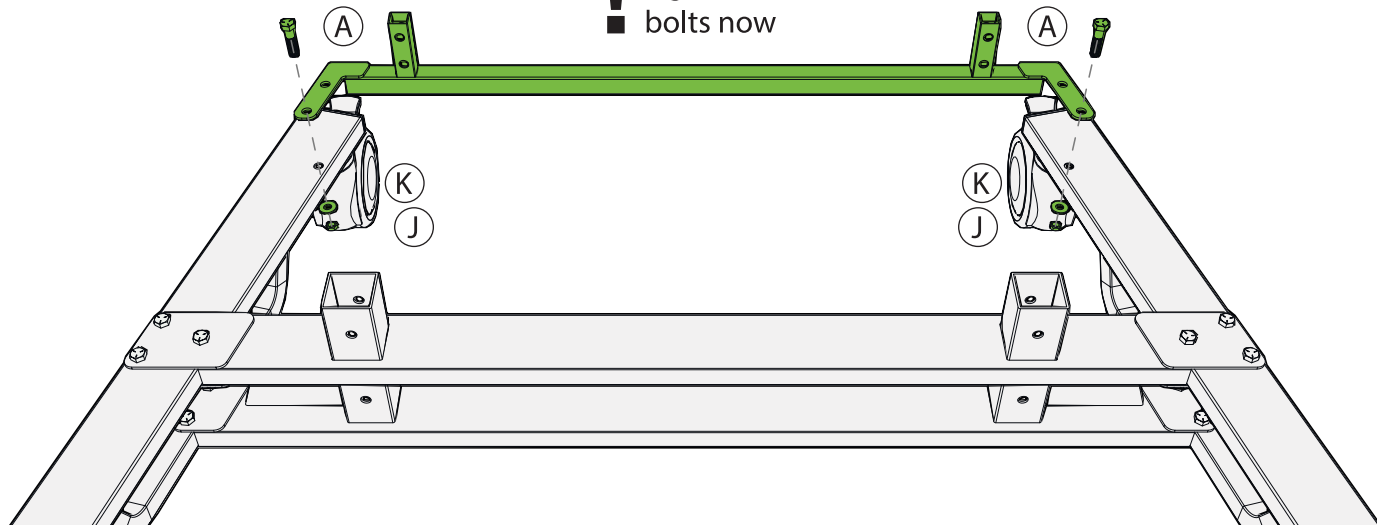
You will need: (Not to Scale)



Base Frame Back Stretcher  
1x

## Install Back Stretcher

**!** Tighten all  
bolts now

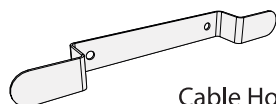


3

Actual Size:

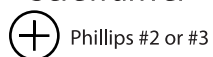


You will need: (Not to Scale)

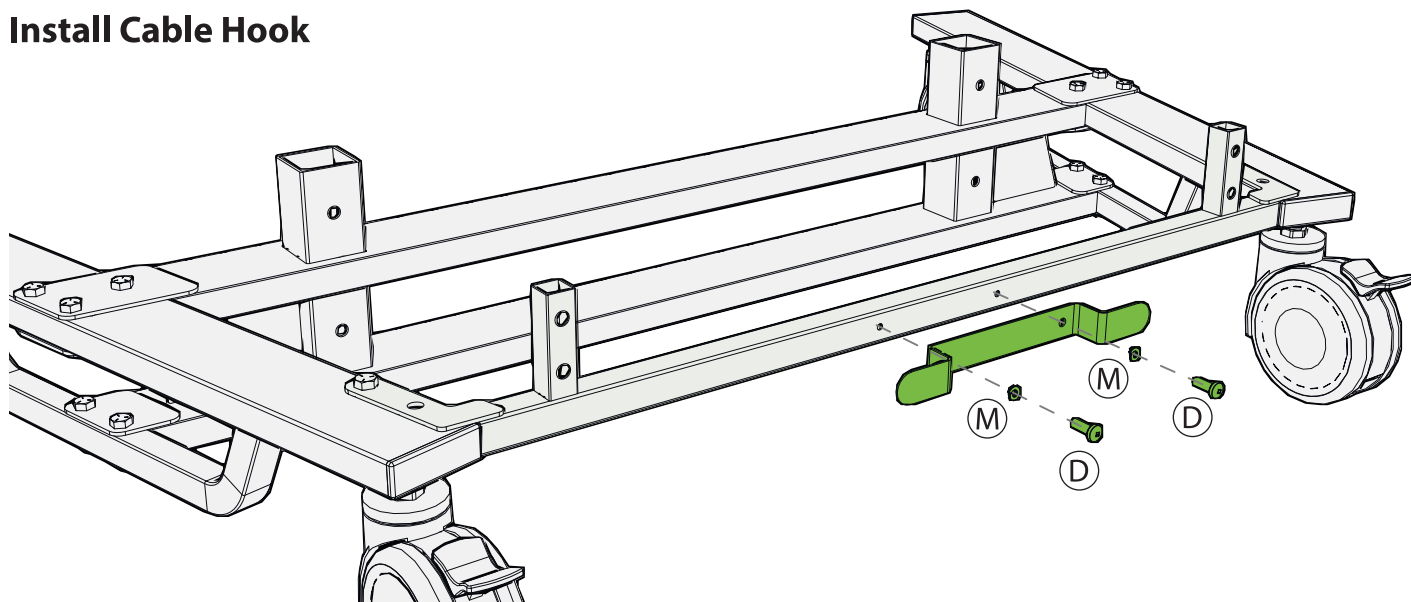


Cable Hook  
1x

Screwdriver



## Install Cable Hook





4

Actual Size:

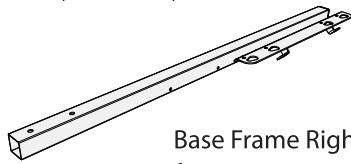


(B)  
4x

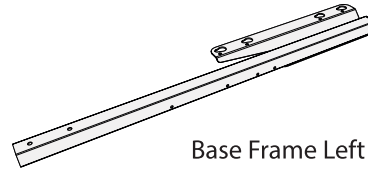


(J)  
4x

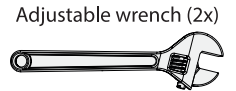
You will need: (Not to Scale)



Base Frame Right Riser  
1x

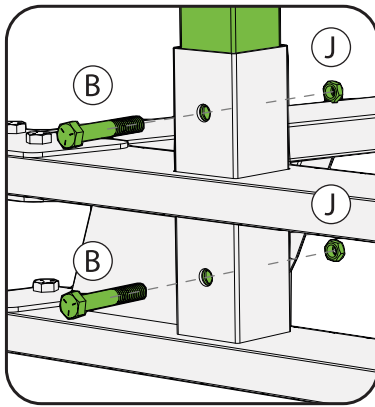


Base Frame Left Riser  
1x

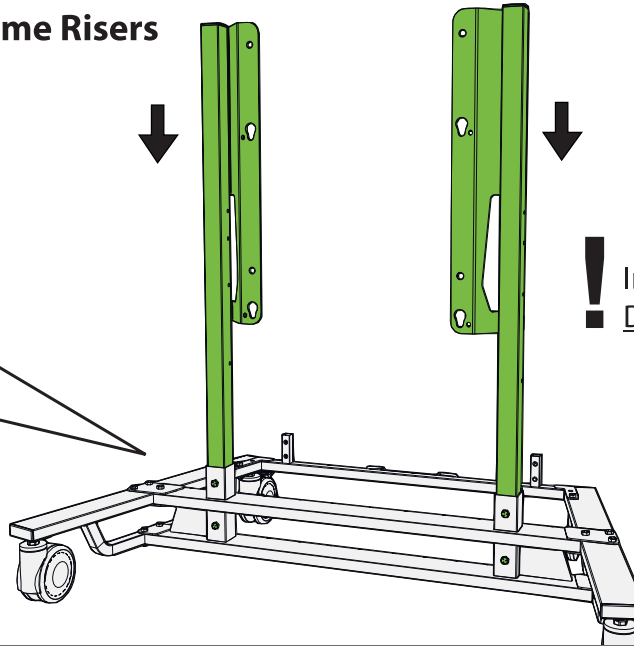


**OR**  
9/16" Wrench (2x)

## Install Left & Right Base Frame Risers



2x



**!** Install bolts on both sides  
**Do not** tighten yet

5

Actual Size:



(E)  
8x

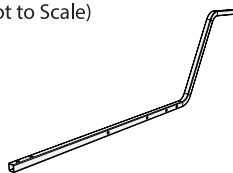


(I)  
4x



(M)  
4x

You will need: (Not to Scale)

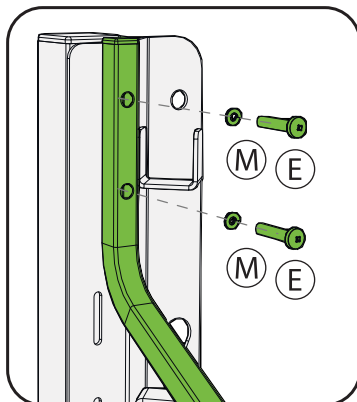


Rear Tube Support  
2x

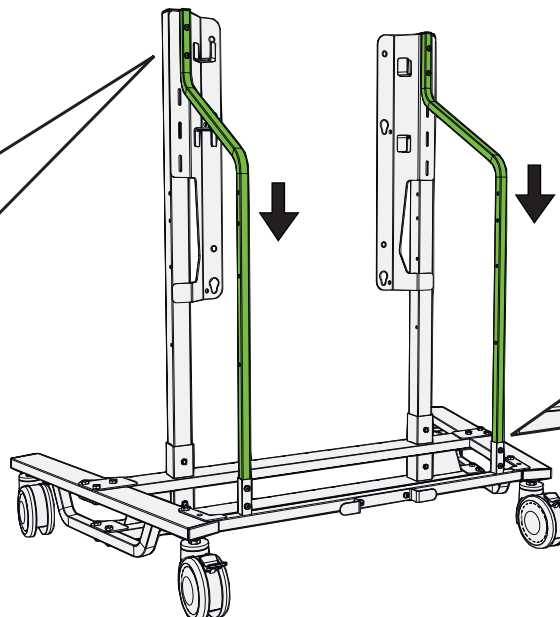
Screwdriver

(+) Phillips #2 or #3

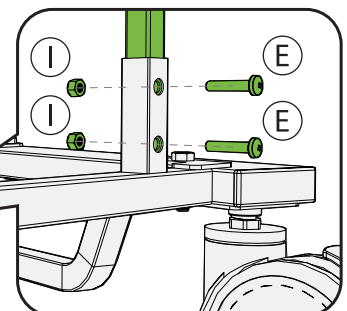
## Install Rear Tube Supports



2x



**!** Install screws on both sides  
**Do not** tighten yet



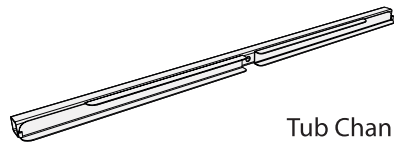
2x

6

Actual Size:

F  
6xH  
6xM  
12x

You will need: (Not to Scale)

Tub Channel  
6x

Screwdriver



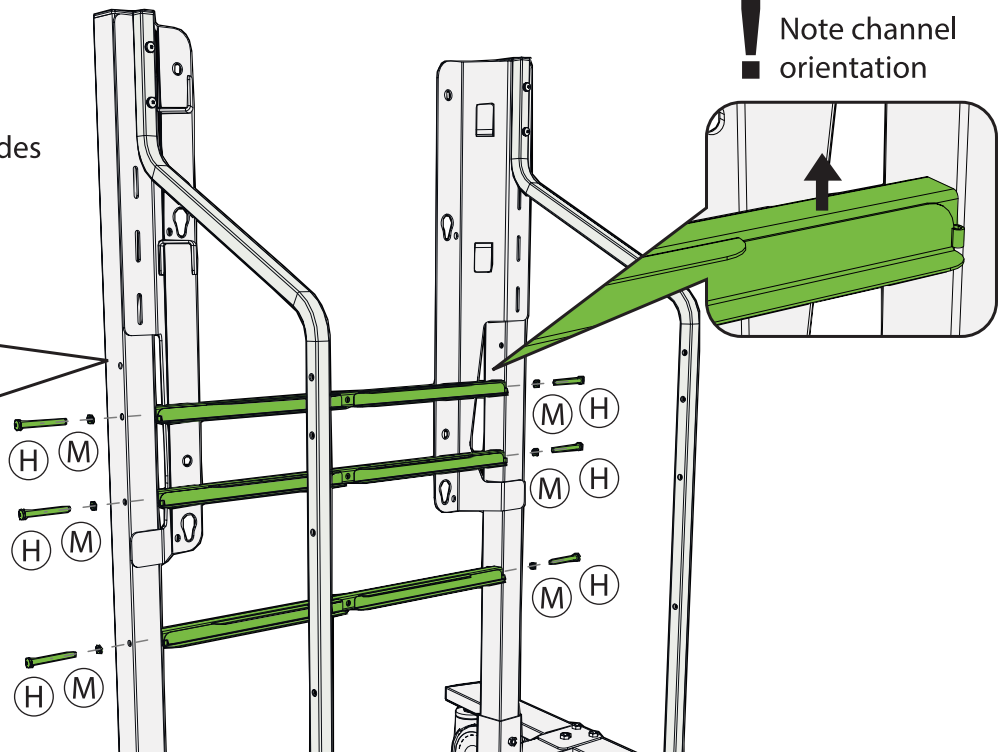
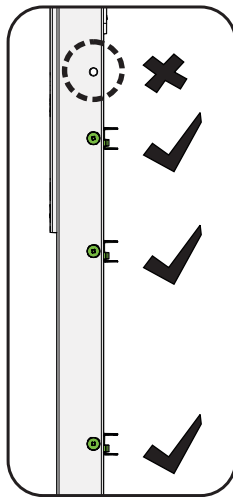
Phillips #2 or #3

## Installing Tub Channels

### A Install Front Tub Channels



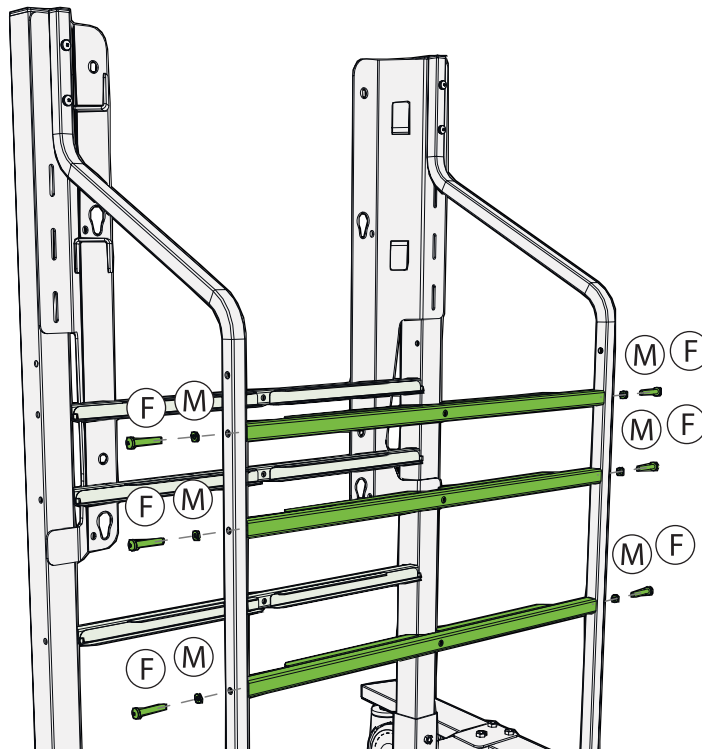
Install hardware on both sides

Do not tighten yetNote channel  
orientation

### B Install Rear Tub Channels



Install hardware on both sides

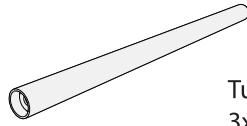
Do not tighten yet

7

Actual Size:



You will need: (Not to Scale)

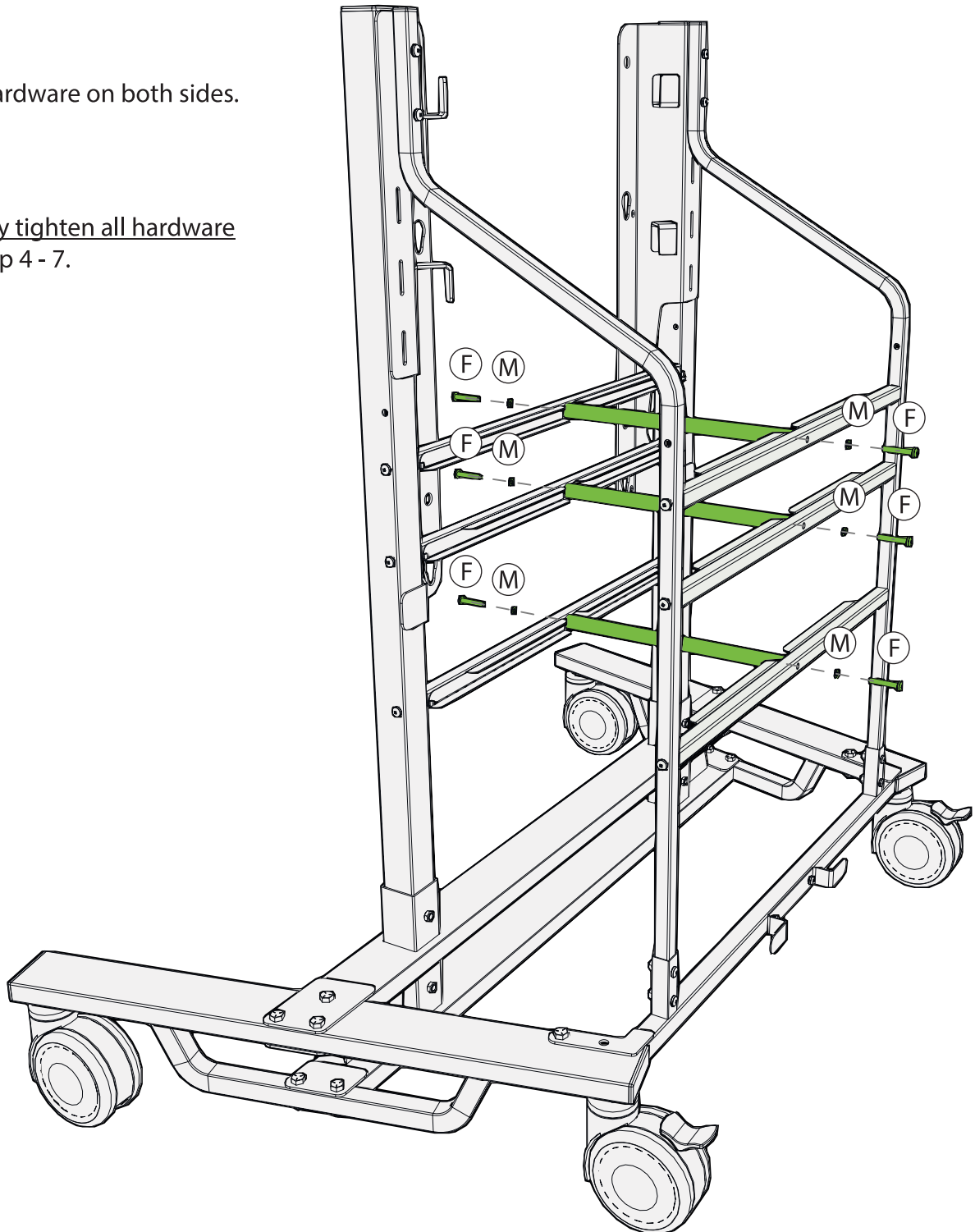
Tub Channel Joining Stretcher  
3x

Screwdriver



## Install Tub Joining Stretchers

- A Install hardware on both sides.
- B Now fully tighten all hardware from Step 4 - 7.



8

Actual Size:

M  
4xN  
4x

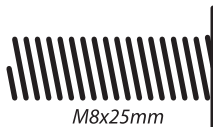
M6x15mm

P  
4x

M6x20mm

Q  
4x

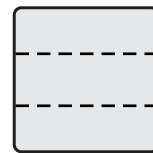
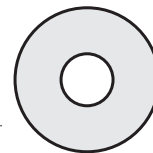
M8x15mm

R  
4x

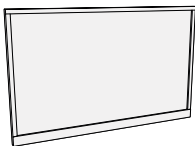
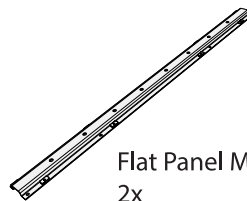
M8x25mm

S  
4x

M8x40mm

T  
4xU  
4x

You will need: (Not to Scale)

Compatible flat panel  
(sold separately)  
1xFlat Panel Mount Riser  
2x

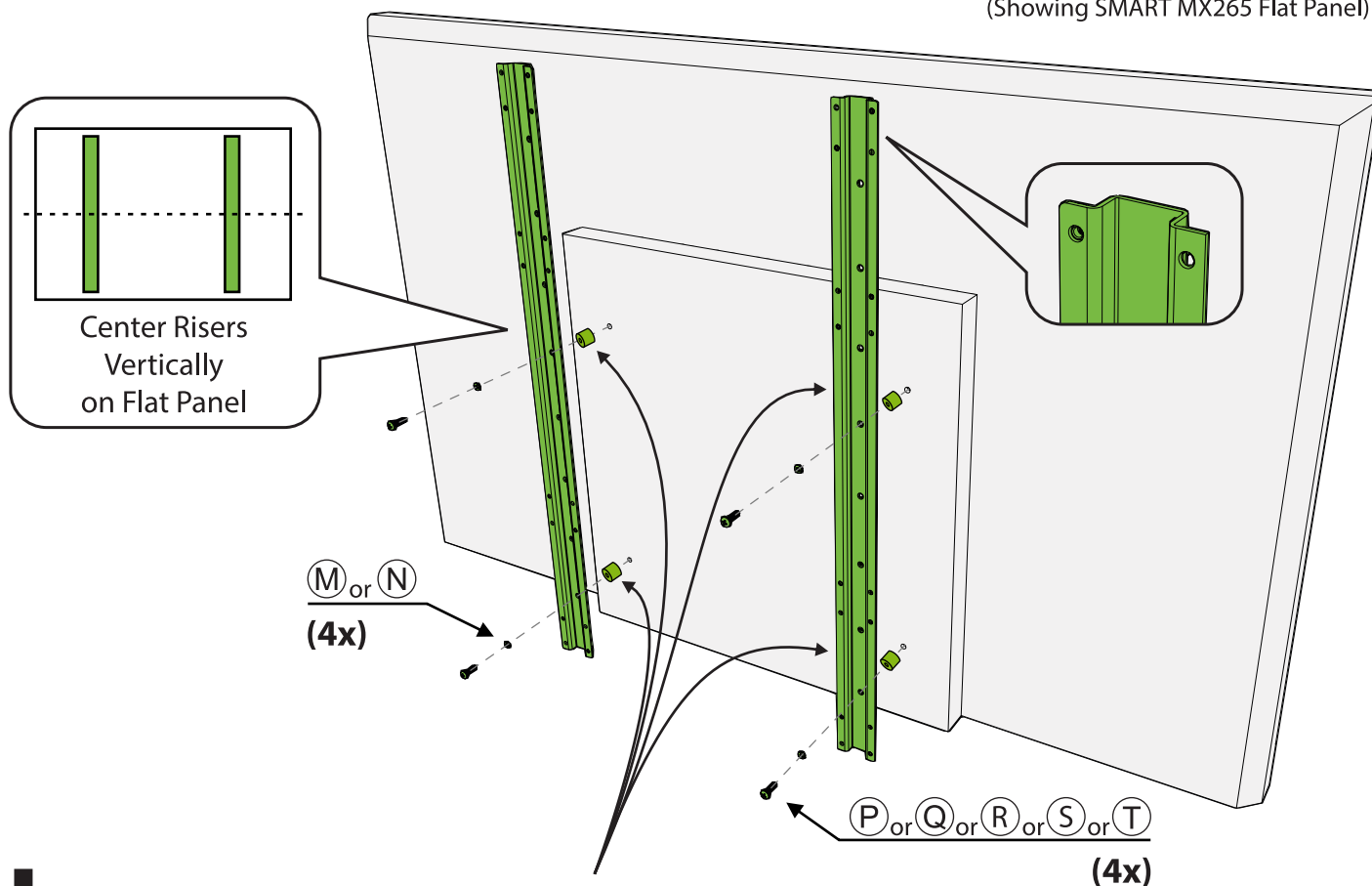
Screwdriver

⊕ Phillips #2 or #3

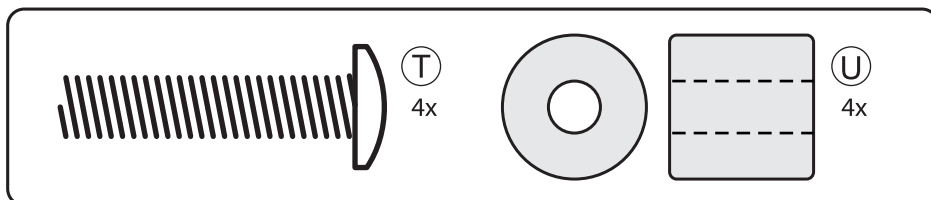
## Attaching Your Flat Panel Mount Risers

- ! Check your flat panel owners manual to determine correct VESA screw size and torque specifications to avoid causing damage to your flat panel.

(Showing SMART MX265 Flat Panel)



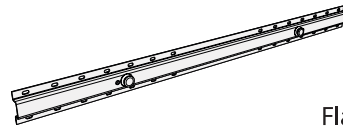
- ! For TVs without a flat back (Ex. Promethean) use the provided 3/4" spacers and longer screws. Install spacers between mount and TV.





You will need: (Not to Scale)

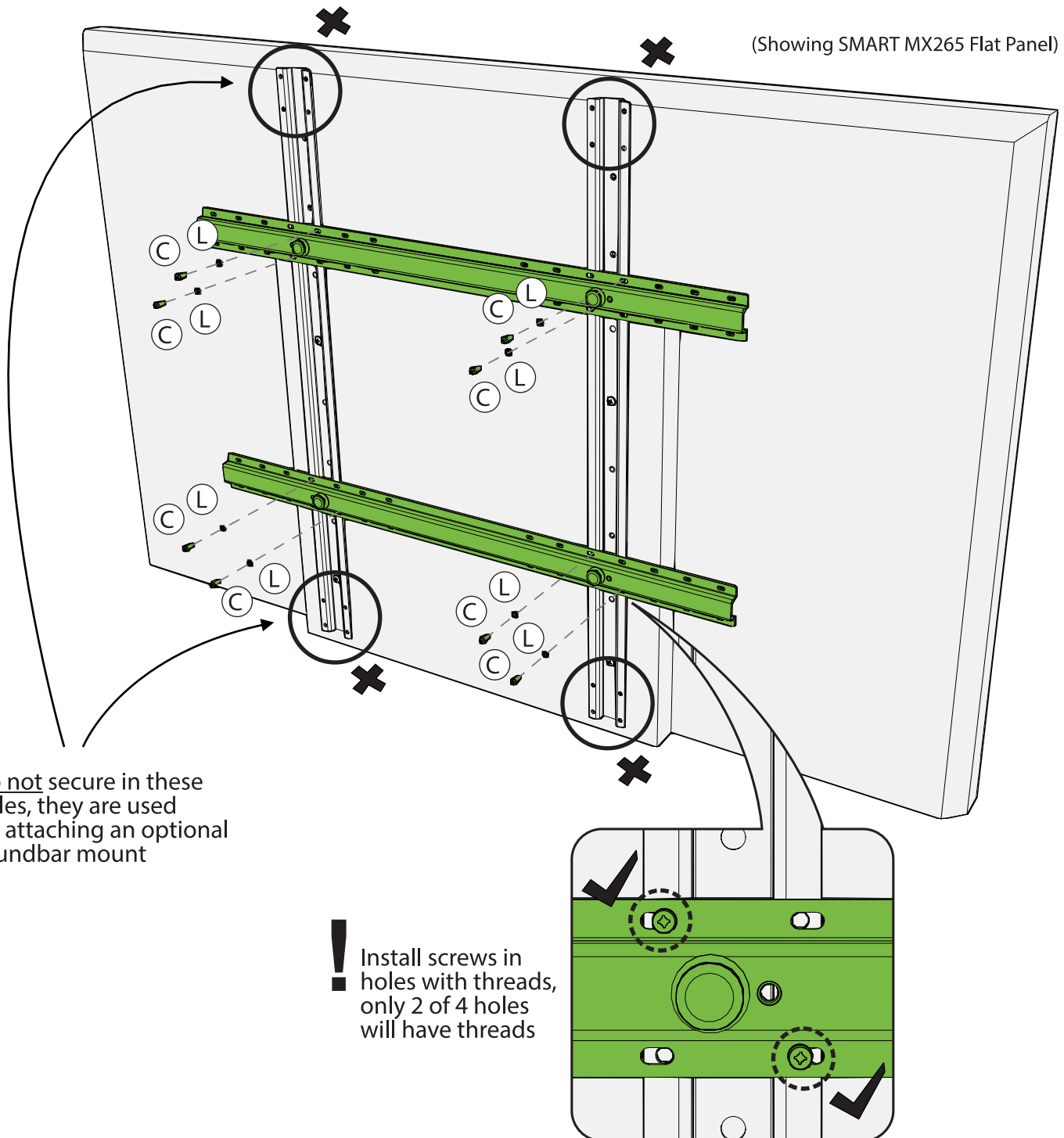
Screwdriver  
 Phillips #2 or #3



Flat Panel Mount Stretcher  
 2x

## Install Flat Panel Mount Stretchers

(Showing SMART MX265 Flat Panel)



10

Actual Size:



2-Person Task

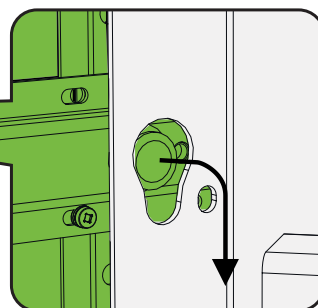
You will need: (Not to Scale)

Screwdriver

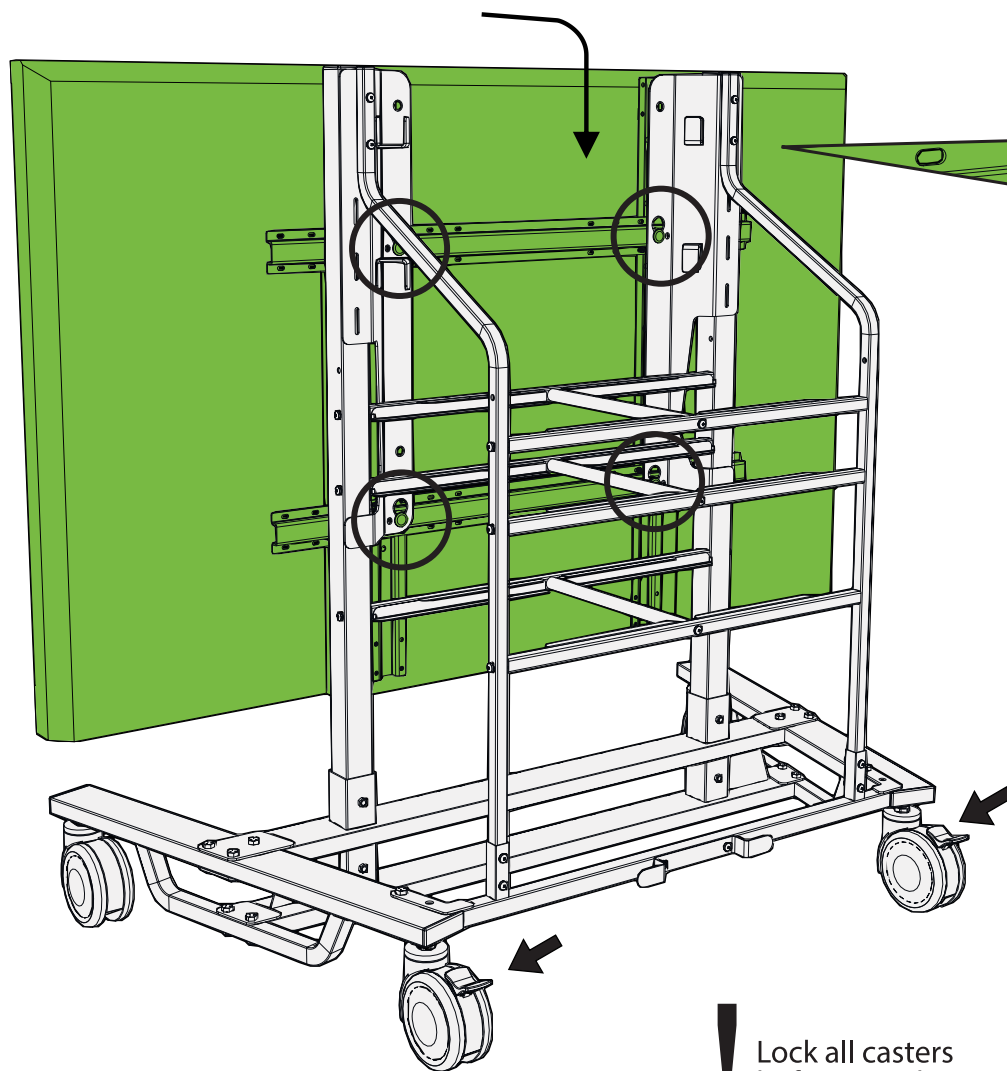
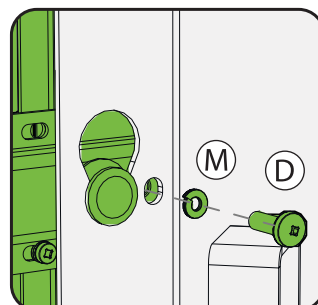
⊕ Phillips #2 or #3

## Secure Flat Panel To Cart

- A Insert all 4 adapters into keyholes.



- B Insert all 4 Safety Screws



! Lock all casters before attaching flat panel to cart

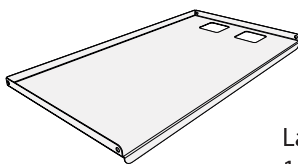


11

Actual Size:



You will need: (Not to Scale)

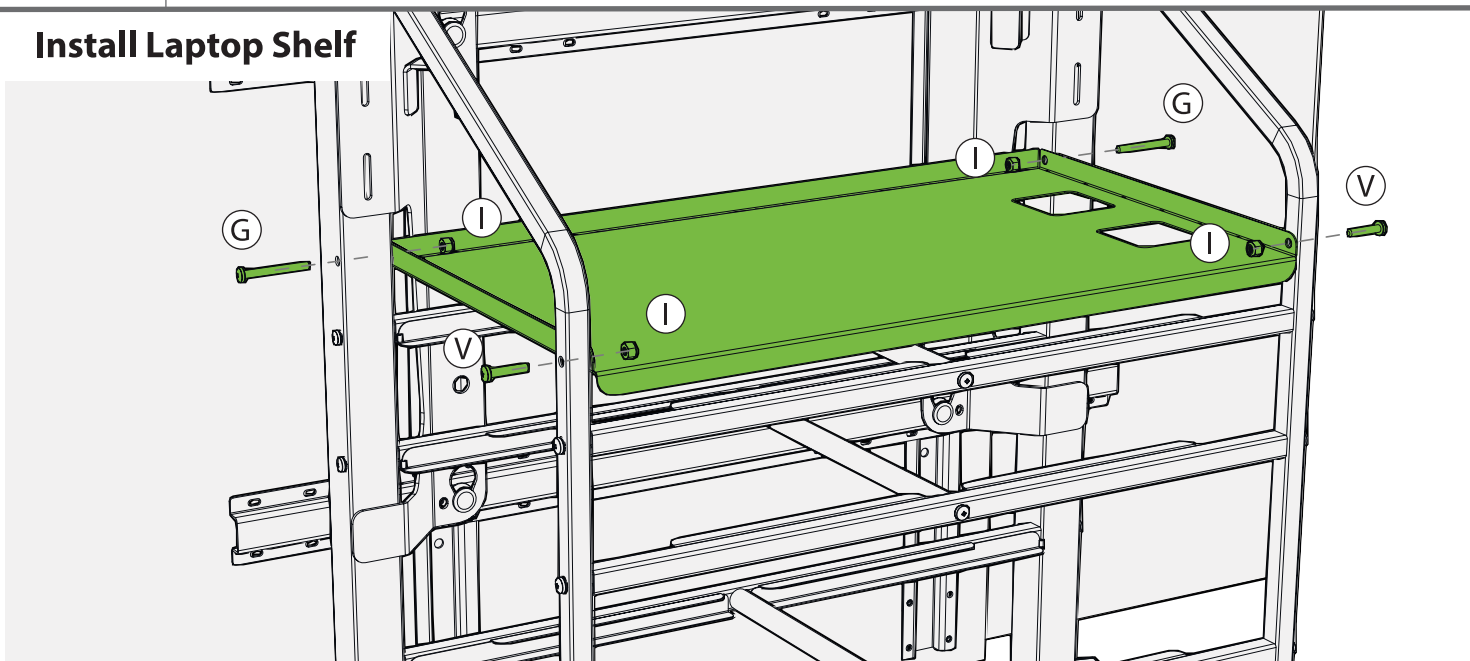


Laptop Shelf  
1x

Screwdriver



## Install Laptop Shelf



12

Actual Size:

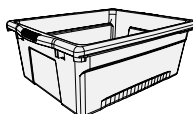
You will need: (Not to Scale)



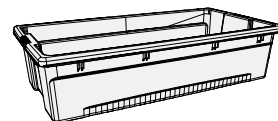
Tiny Tub  
2x



Shallow Tub  
2x

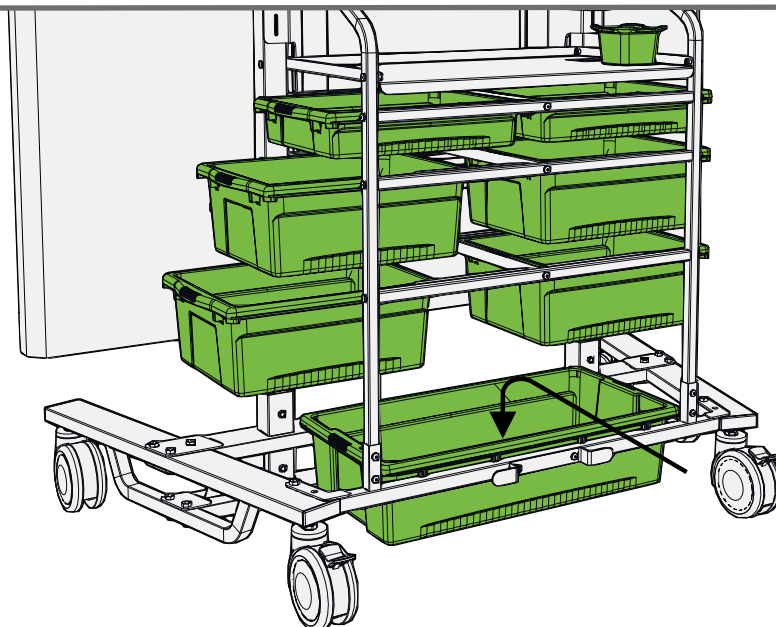


Open Tub  
4x



Really Big Tub  
1x

## Install Tubs



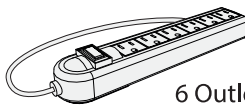
! Install Really Big Tub  
from behind



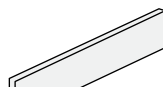
13

Actual Size:

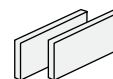
You will need: (Not to Scale)



6 Outlet Powerbar  
1x

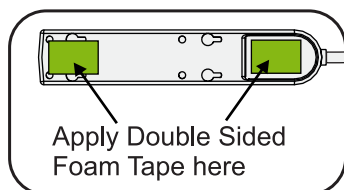


Hook & Loop Straps  
6x

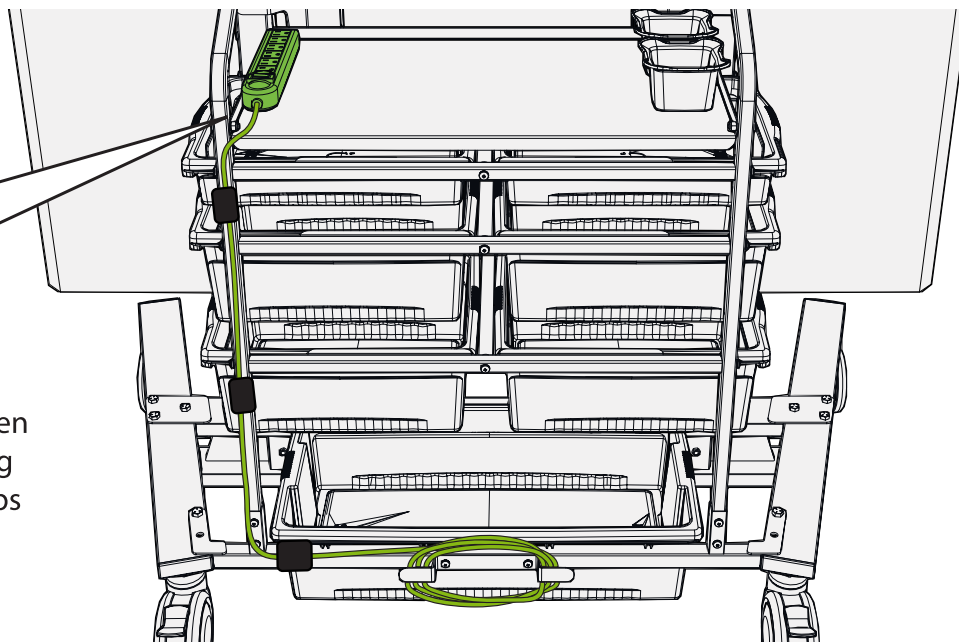


Hook & Loop Tape  
1x

## Install Powerbar



**!** Wrap your power cord when not in use and secure using supplied hook & loop straps



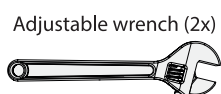
14

Actual Size:

You will need: (Not to Scale)



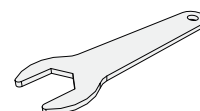
+



OR

7/16" Wrench (2x)  
9/16" Wrench (2x)

+



Caster Wrench  
1x

## Final Assembly Checks

**Check entire assembly for loose parts; tighten all casters, bolts, screws and nuts**



Tighten all casters using supplied Caster Wrench.

Keep wrench with unit. Casters must be tightened every 6 months for proper maintenance.