

Tech Tub² Modular Cart System



Assembly Guide

FTT724_724-USB_732_732-USB_2019_A

Check out our other products online at
www.copernicused.com

For assistance, please contact us:

1-800-267-8494

Email 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.

24 Device Cart

(FTT724 or FTT724-USB)



32 Device Cart

(FTT732 or FTT732-USB)



Please Recycle

Tech Tub² Modular Cart System



Assembly Guide

FTT724_724-USB_732_732-USB_2019_A

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Have your packing slip ready for reference

Dear Educator,

Thank you for purchasing the Modular Cart. 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.

Happy teaching,

Kaylyn Belcourt-McCabe
President

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

Change is the end result
of all true learning.

LEO BUSCAGLIA

NORTH AMERICAN

PROVERB

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

**Life
Time**

Tech Tub²
Warranty

1

Year
Component
Warranty

5

Year
Frame
Warranty

Validate Your Warranty

To validate your warranty, submit the ON-LINE form at www.copernicused.com

Enter a draw 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.



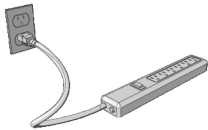
Adult
Supervision

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



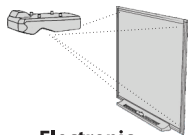
Indoor Use
Only

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

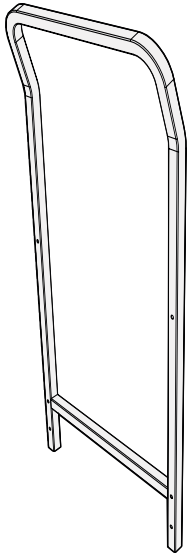
Do not climb on, hang from or suspend objects from any components of your product unless otherwise specified.

Tech Tub² Modular Cart System

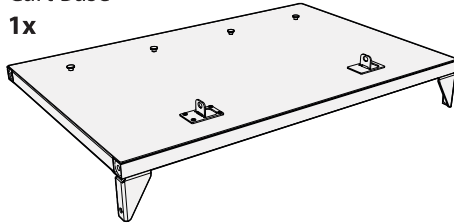
Before beginning, you should have:

Contents - FTT401-0

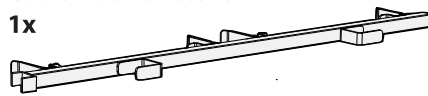
Left Handle
1x



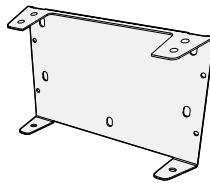
Cart Base
1x



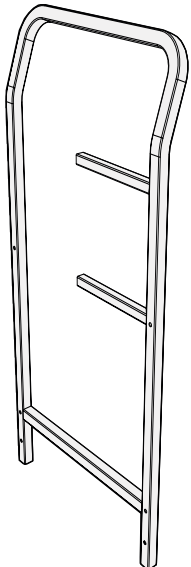
Cable Hook Stretcher
1x



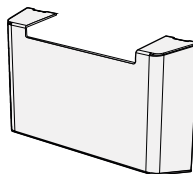
Power Timer
Mounting Bracket
1x



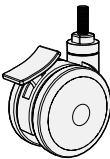
Right Handle
1x



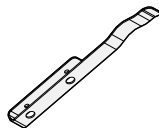
Power Timer
Cover
1x



4" Twin Wheel
Locking Caster
4x



Spring Steel
Cable Hook
1x



In Box 1

Hardware Actual Size

(A) Hex Bolt - M6 x 40mm
6x



(B) Hex Bolt - M6 x 35mm
2x



(C) Hex Bolt - M5 x 15mm
4x



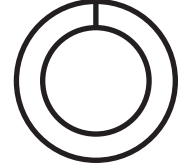
(D) Allen Key Screw - M5 x 15mm
2x



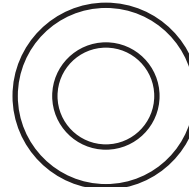
(E) M6 Star Washer
18x



(F) M12 Lock Washer
4x



(G) M12 Flat Washer
4x



(H) M5 Thumb Nut
4x



(I) M6 x 10mm
Thumb Screw
2x



(J) Zip Tie
2x



Caster Wrench
Not to Scale
1x



8mm/10mm
Hex Wrench
Not to Scale
1x

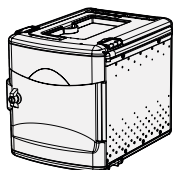


Allen Key
Not to Scale
1x

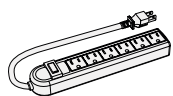


Tech Tub²® Modular Cart System

FTT700 (3x)

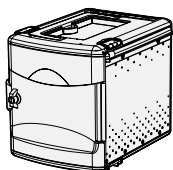


Tech Tub 2®
6 Device
Main Body
1x

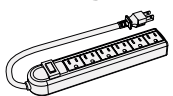


6 outlet
Power Strip
(25515)
1x

FTT700-F (1x)



Tech Tub 2®
6 Device
Main Body
1x



6 outlet
Power Strip
(25515)
1x



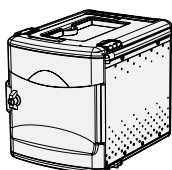
Power
Timer
(25526)
1x



15' Power
Timer Cable
1x

Tech Tub²® Modular Cart System with USB

FTT700-C (3x)



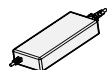
Tech Tub 2®
6 Device
Main Body
1x



10 Port USB Hub
(255144)
1x



USB "B" Cable
1x



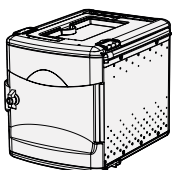
Power Adapter
(255146)
1x



Power Cord
1x

North American
power cord shown.

FTT700-G (1x)



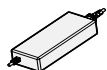
Tech Tub 2®
6 Device
Main Body
1x



10 Port USB Hub
(255144)
1x



USB "B" Cable
1x



Power Adapter
(255146)
1x

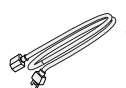


Power Cord
1x

North American
power cord shown.

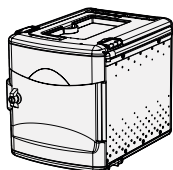


Power Timer
(25526)
1x

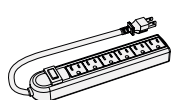


15' Power
Timer Cable
1x

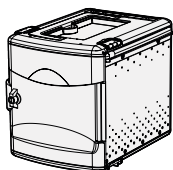
Tech Tub²® Modular Cart System

FTT700 (1x)


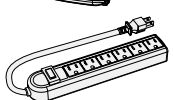
Tech Tub 2®
6 Device
Main Body
1x



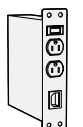
6 outlet
Power Strip
(25515)
1x

FTT700-F (1x)


Tech Tub 2®
6 Device
Main Body
1x



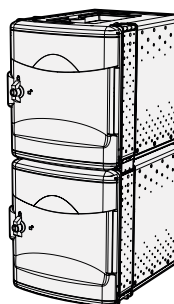
6 outlet
Power Strip
(25515)
1x



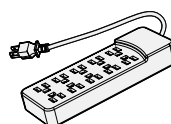
Power
Timer
(25526)
1x



15' Power
Timer Cable
1x

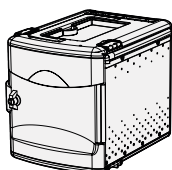
FTT1100 (2x)


Tech Tub 2®
10 Device
Main Body
1x

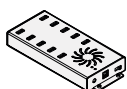


10 outlet
Power Strip
(255159)
1x

Tech Tub²® Modular Cart System with USB

FTT700-C (1x)


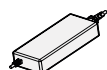
Tech Tub 2®
6 Device
Main Body
1x



10 Port USB Hub
(255144)
1x



USB "B" Cable
1x

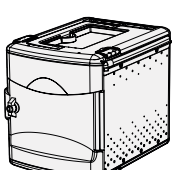


Power Adapter
(255146)
1x

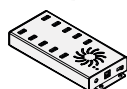


Power Cord
1x

North American
power cord shown.

FTT700-G (1x)


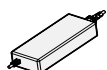
Tech Tub 2®
6 Device
Main Body
1x



10 Port USB Hub
(255144)
1x



USB "B" Cable
1x

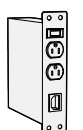


Power Adapter
(255146)
1x

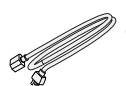


Power Cord
1x

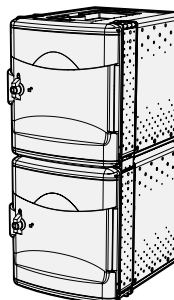
North American
power cord shown.



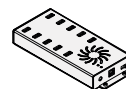
Power Timer
(25526)
1x



15' Power
Timer Cable
1x

FTT1100-USB (2x)


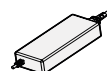
Tech Tub 2®
10 Device
Main Body
1x



10 Port USB Hub
(255144)
1x



USB "B" Cable
1x



Power Adapter
(255146)
1x



Power Cord
1x

North American
power cord shown.

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.

 Please note, star washers are critical components for electrical safety. Star washers must be included and fasteners fully tightened to prevent the risk of electric shock.



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 this product:

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

OR

Email our Tech Support Service at info@copernicused.com

Check out some of our
other great products!



www.copernicused.com

Need Tech Support?
Have a Question?



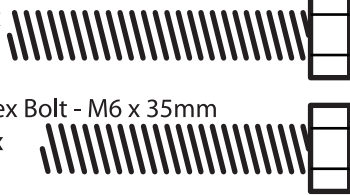
Email our Tech Support Service

1

Actual Size:

(A) Hex Bolt - M6 x 40mm

4x



(B) Hex Bolt - M6 x 35mm

2x



(E) M6 Star Washer

6x



You will need: (Not to Scale)

Left Handle

1x



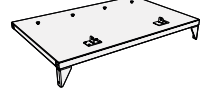
Right Handle

1x



Cart Base

1x

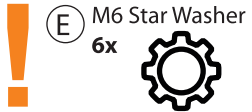


8mm/10mm Hex Wrench

1x

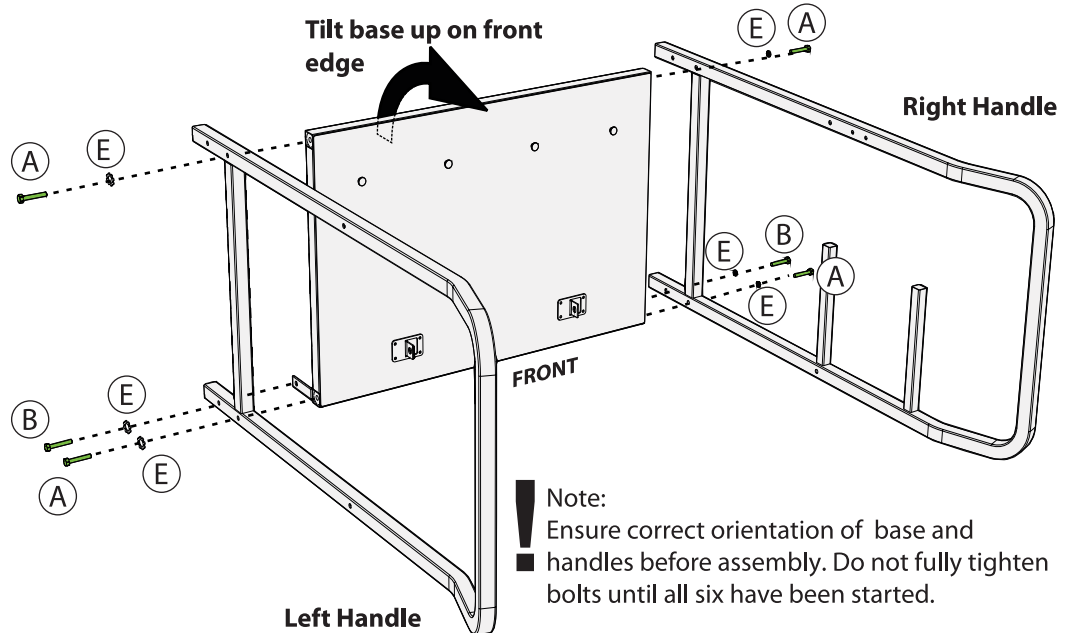


Attach Left Handle and Right Handle to Cart Base



(E) M6 Star Washer
6x

Please note, star washers are critical components for electrical safety. Star washers must be included and fasteners fully tightened to prevent the risk of electric shock.

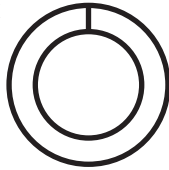


2

Actual Size:

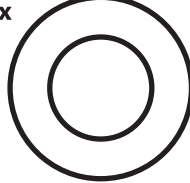
(F) M12 Lock Washer

4x



(G) M12 Flat Washer

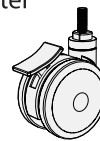
4x



You will need: (Not to Scale)

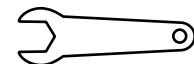
4" Twin Wheel Locking Caster

4x



Caster Wrench

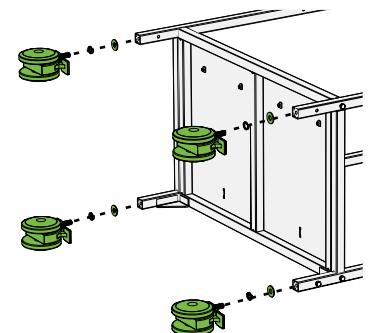
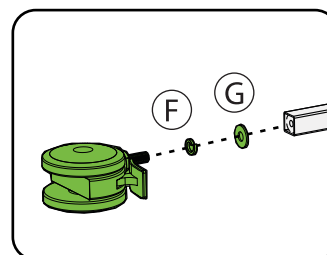
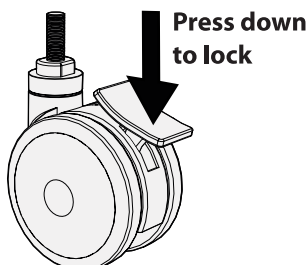
1x



Attach Casters to cart



Lock the casters before installation so you can quickly thread them into the ends of the tube by hand. Use the caster wrench to finish tightening them completely.



Note:
Return cart to upright position once casters are installed.
Check casters every 6 months and tighten as needed.

3

Actual Size:

(A) Hex Bolt - M6 x 40mm
2x

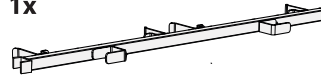


(E) M6 Star Washer
2x



You will need: (Not to Scale)

Cable Hook Stretcher
1x



8mm/10mm Hex
Wrench
1x

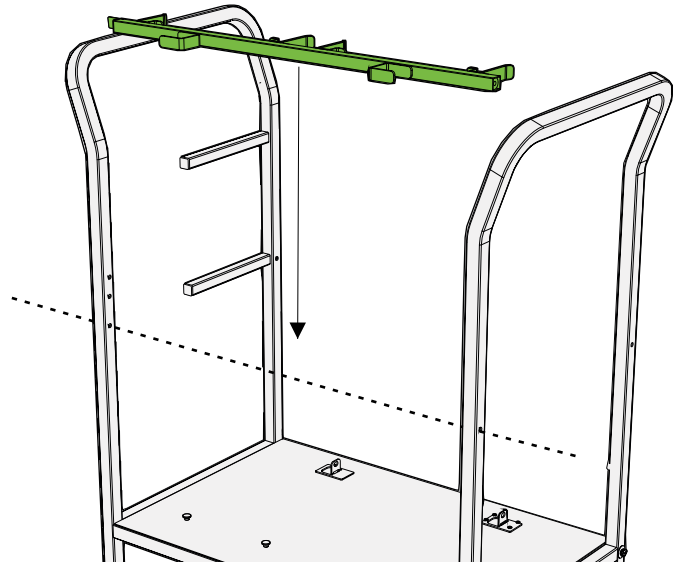
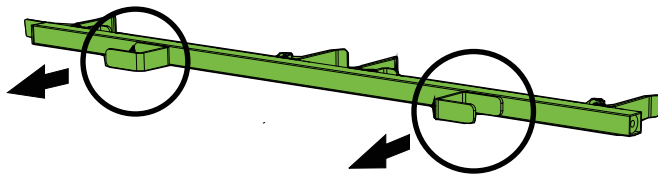


Fasten Cable Hook Stretcher to Handles

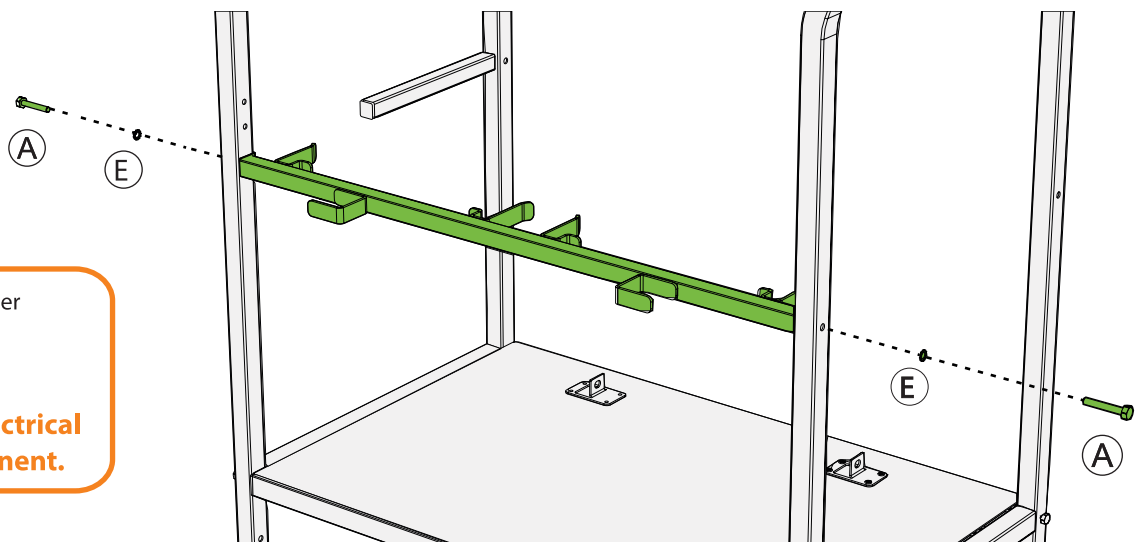
1 Position Cable Hook Stretcher so it aligns with holes on handles



Note:
Ensure cable hooks point toward back of cart.



2 Fasten Cable Hook Stretcher to handles



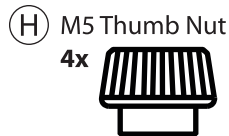
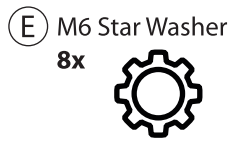
(E) M6 Star Washer
2x



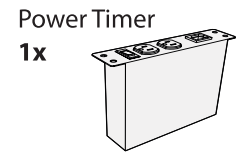
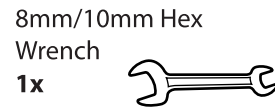
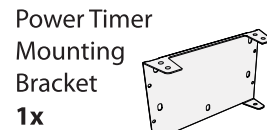
**Important electrical
safety component.**

4

Actual Size:



You will need: (Not to Scale)



Note:
Power Timer will be shipped
inside one of the Tech Tub boxes

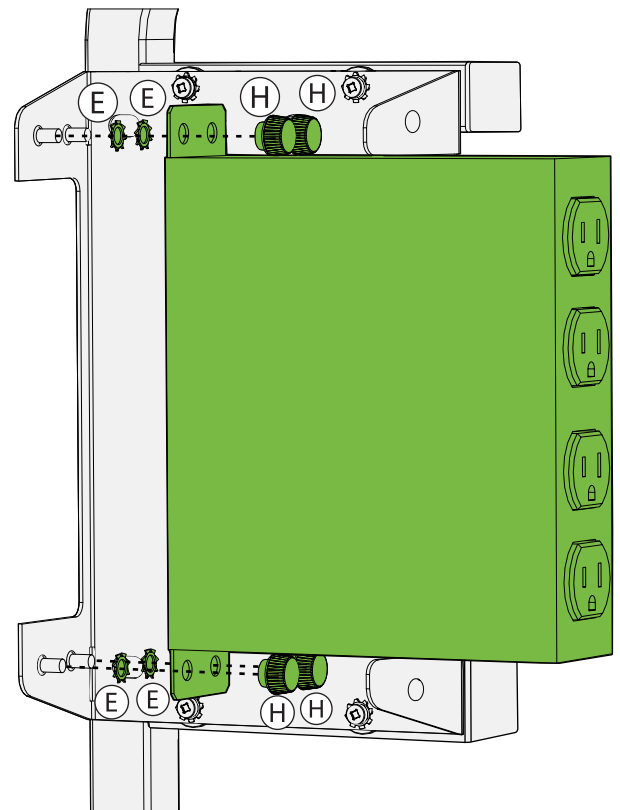
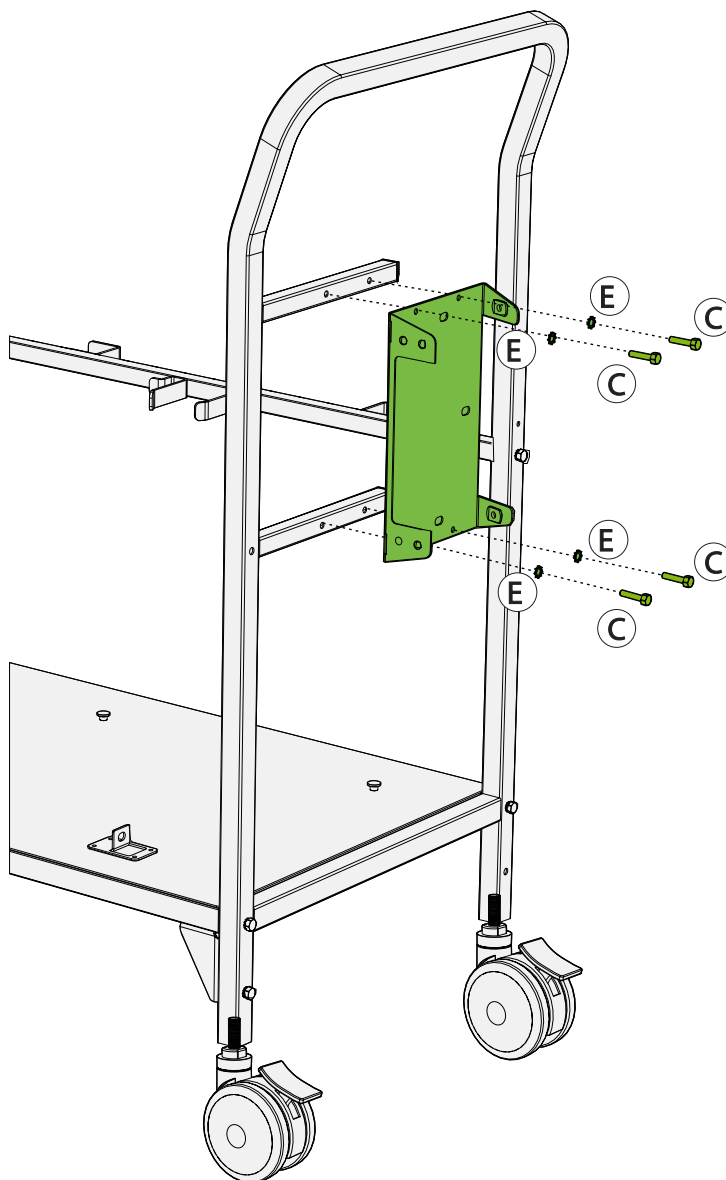
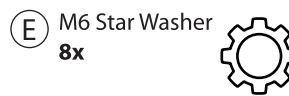
Install Power Timer

1 Fasten Mounting Bracket to Right Handle

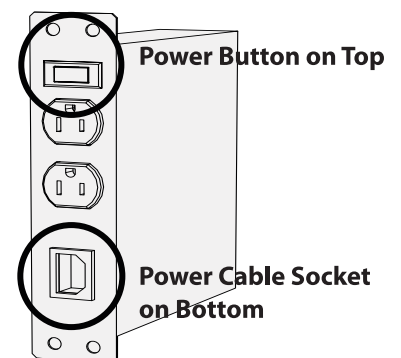
2 Fasten Power Timer to Mounting Bracket



**Important electrical
safety component.**



Note:
Ensure the Power Timer
is mounted in the
correct orientation.



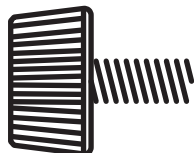
4 Cont.

Actual Size:

(E) M6 Star Washer
2x

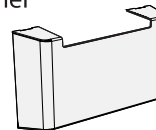


(I) M6 x 10mm Thumb Screw
2x



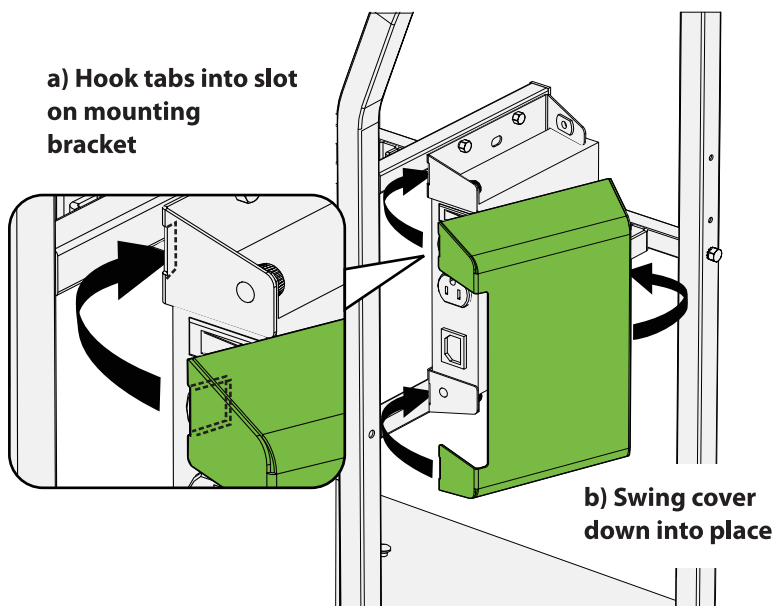
You will need: (Not to Scale)

Power Timer
Cover
1x

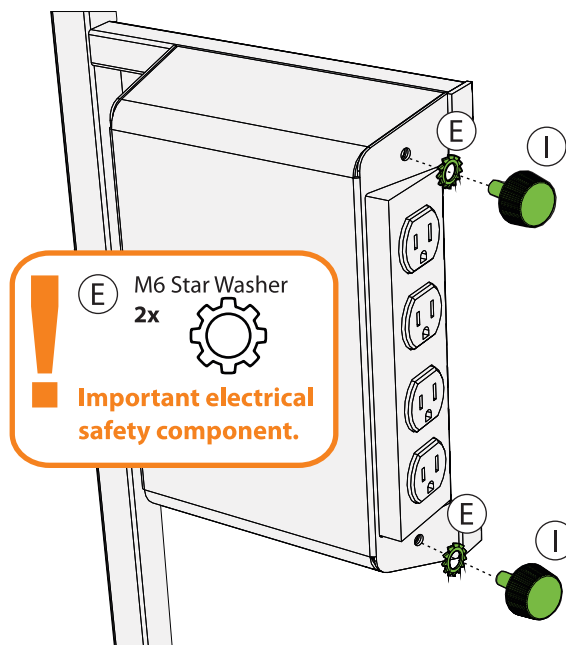


Install Power Timer

1 Hook Power Timer Cover onto Mounting Bracket



2 Fasten Power Timer Cover to Mounting Bracket



5

Actual Size:

(D) M5 15mm
2x



You will need: (Not to Scale)

Spring Steel
Cable Hook
1x

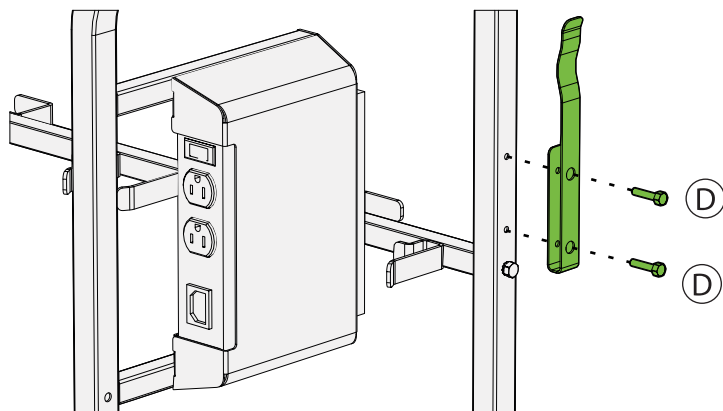


Allen Key
1x



Install Spring Steel Cable Hook

Fasten to Right Handle at the back



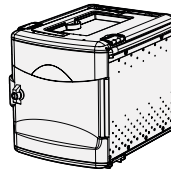
Before proceeding to the next step please check the entire assembly for loose parts; tighten all casters, bolts, screws and nuts.

Tighten all casters using supplied Caster Wrench.

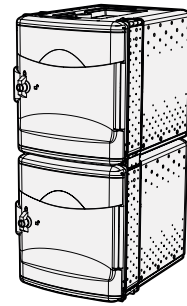
Keep wrench with unit. Casters must be tightened every 6 months for proper maintenance.

6

You will need: (Not to Scale)

Tech Tub2®
6 Device
2x

OR

Tech Tub2®
10 Device
2x

Install Tech Tubs onto cart

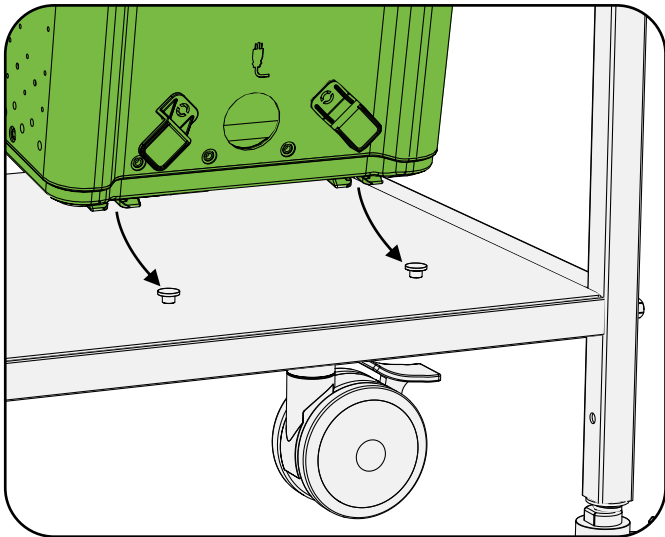


Note: Please follow the assembly instructions that accompanied your Tech Tub2® to get it ready for installation on the Cart.

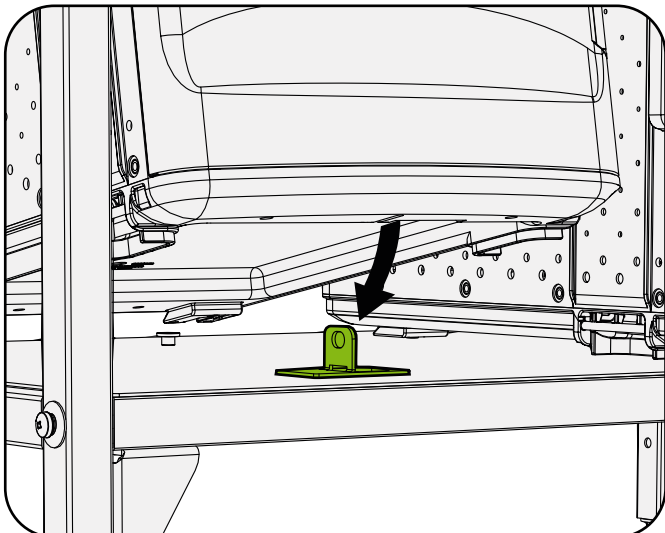


Lock Casters before installing Tubs onto Cart.

1 Hook rear feet onto pins on the Cart Base

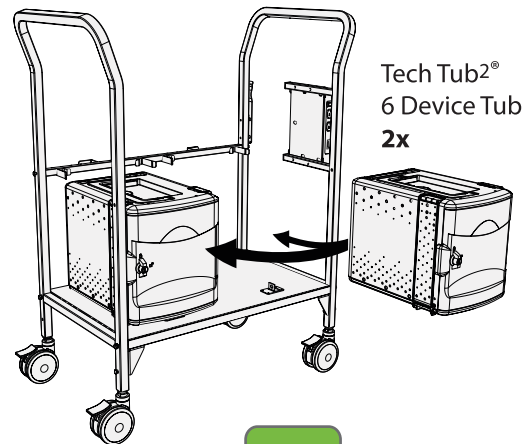


2 Lower front of tub onto metal tab on Cart Base



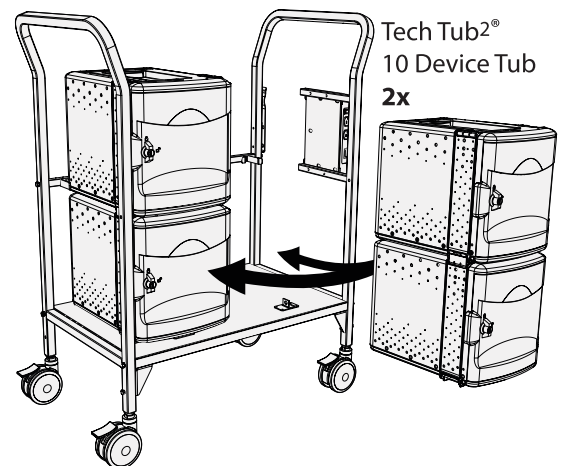
3 Repeat steps 1 and 2 for other side of cart

24 Device Cart (FTT724 or FTT724-USB)



OR

32 Device Cart (FTT732 or FTT732-USB)

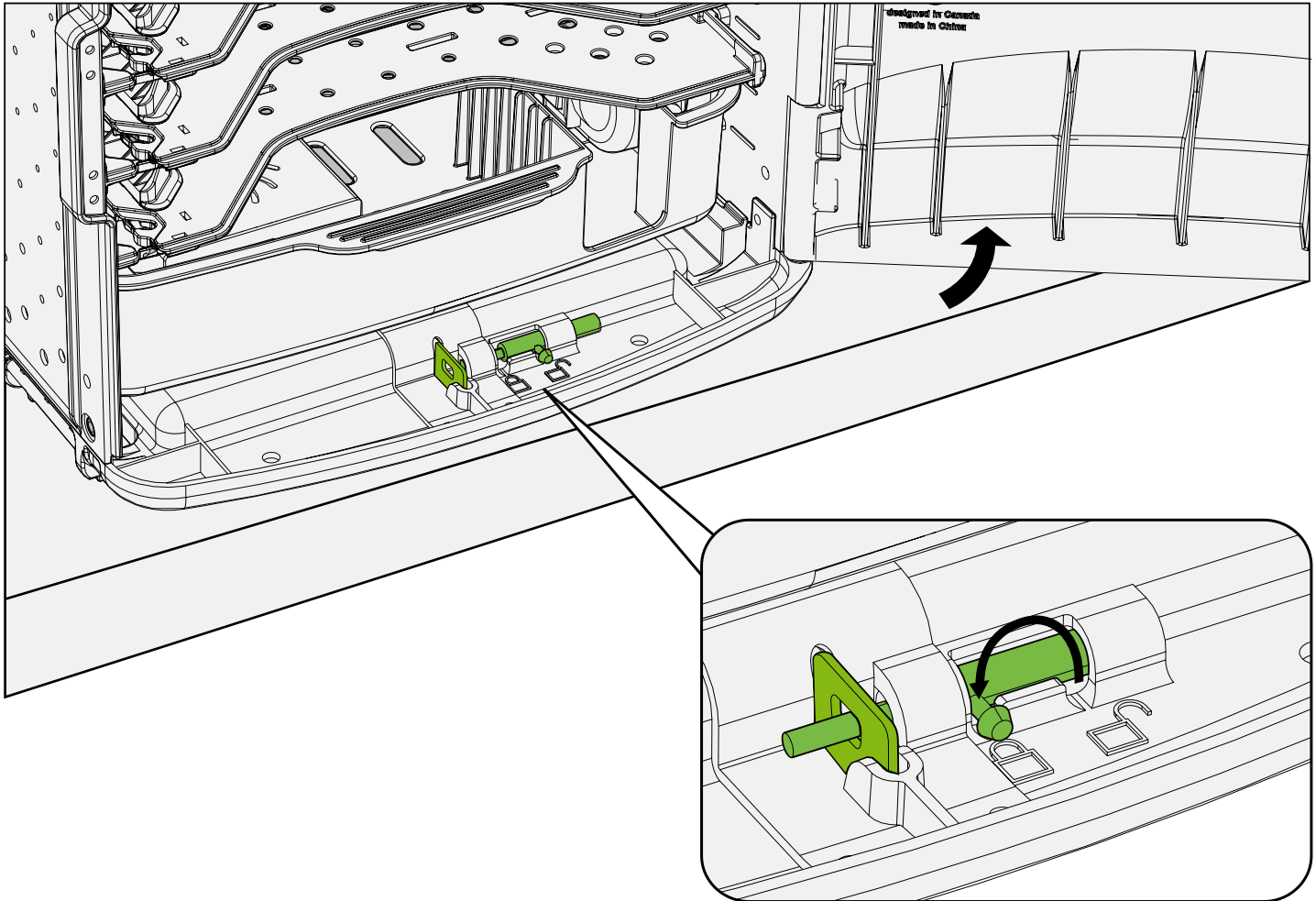


Note: Ensure the 10 Device Tub is always mounted directly to the cart, not stacked on top of a 6 Device Tub.

Continue on next page...

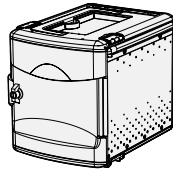
Install Tech Tubs onto cart

- 4 Open front door of Tech Tub and slide metal locking pin through metal tab



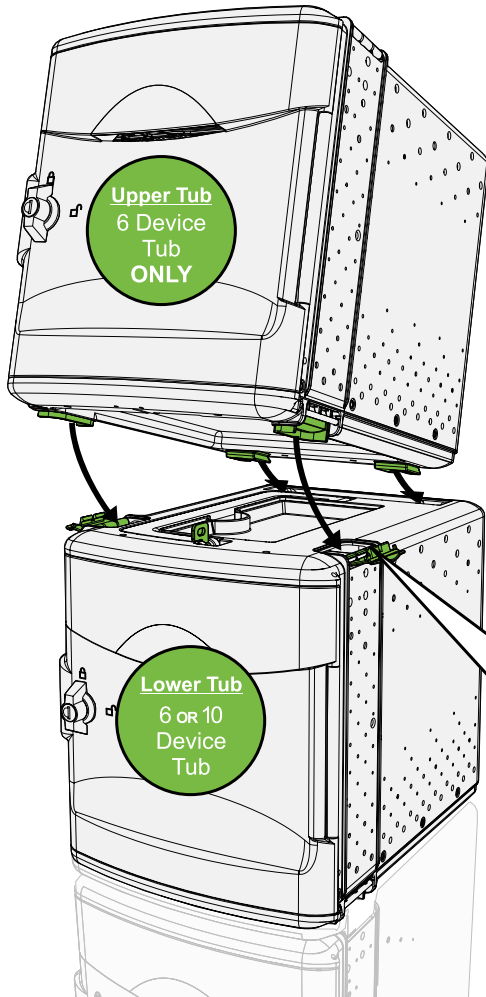
NOTE:

! The locking process is the same for both left and right position on the cart.

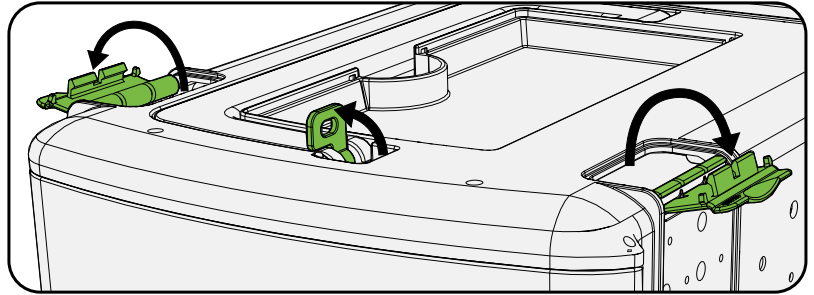


Tech Tub2®
6 Device
2x

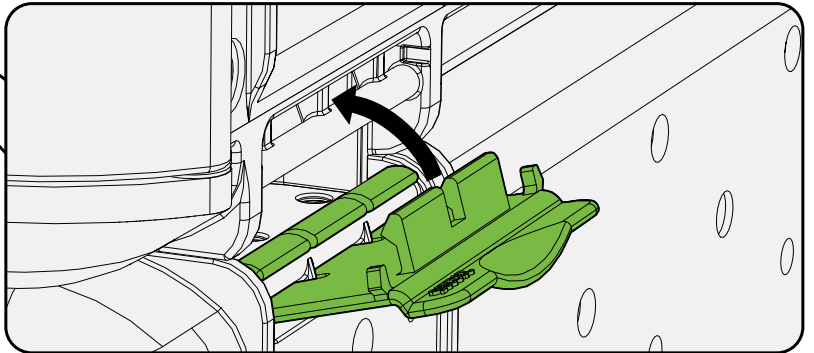
Connect a 6 Device Tub to a 6 Device Tub or a 10 Device Tub



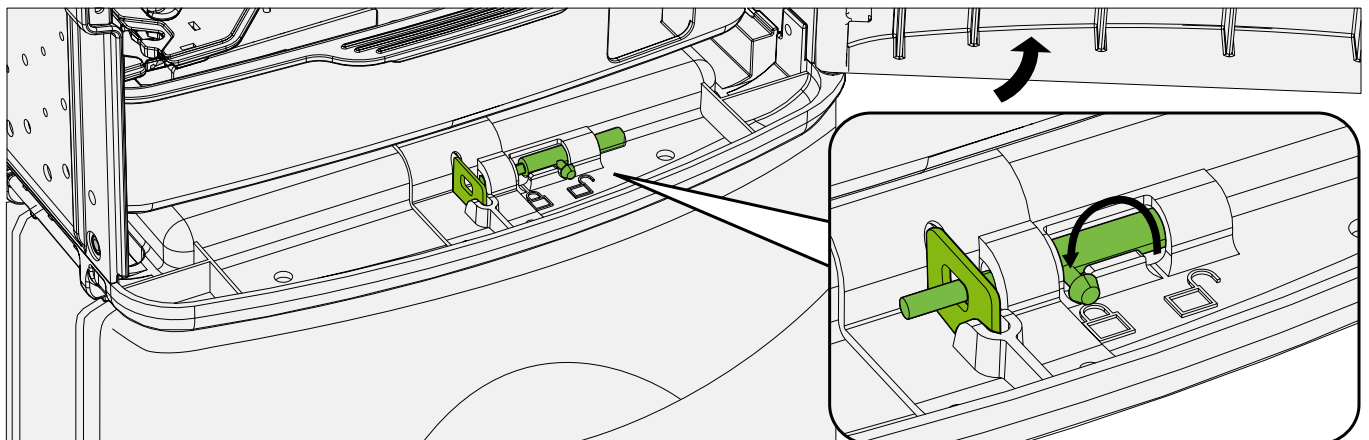
- 1 Flip up Locking Tab and Open side Flip Locks on lower tub



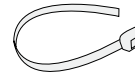
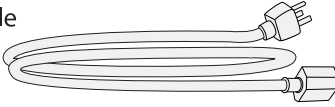
- 2 Insert back feet of upper tub into slot on top of lower tub
- 3 Insert front feet of upper tub into holes on top of lower tub
- 4 Connect upper and lower tub using side Flip Locks



- 5 Open the front door of upper tub and slide locking pin through metal tab

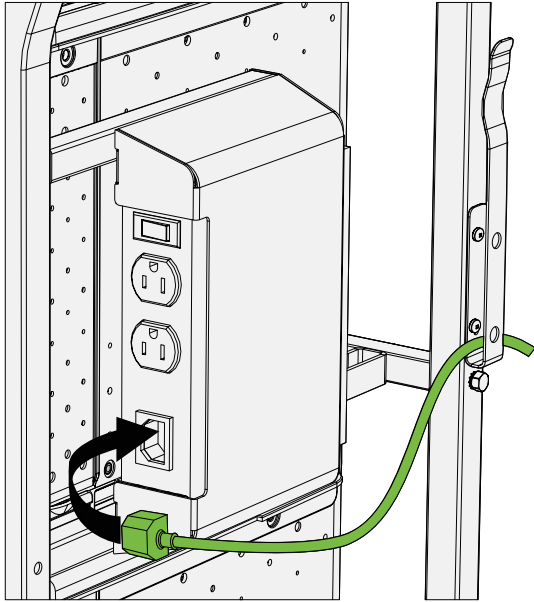


- 6 Close and lock front door of Tech Tub2 to secure devices

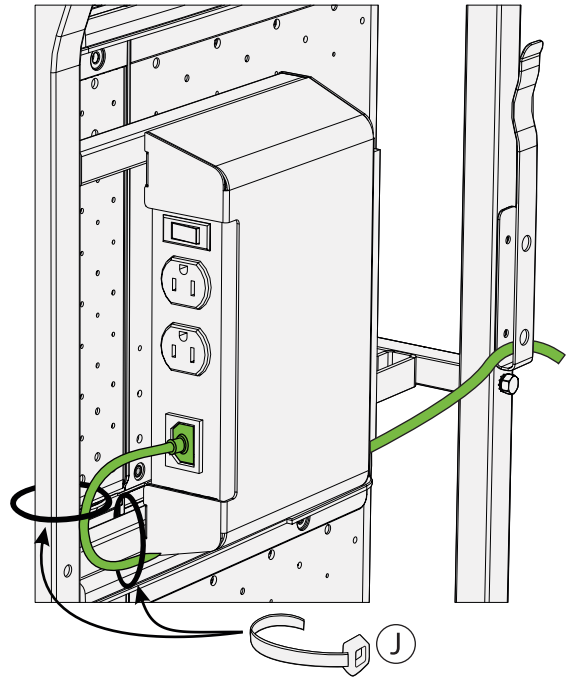


Attach Power Cable to Power Timer

1 Plug Power Cable into Power Timer



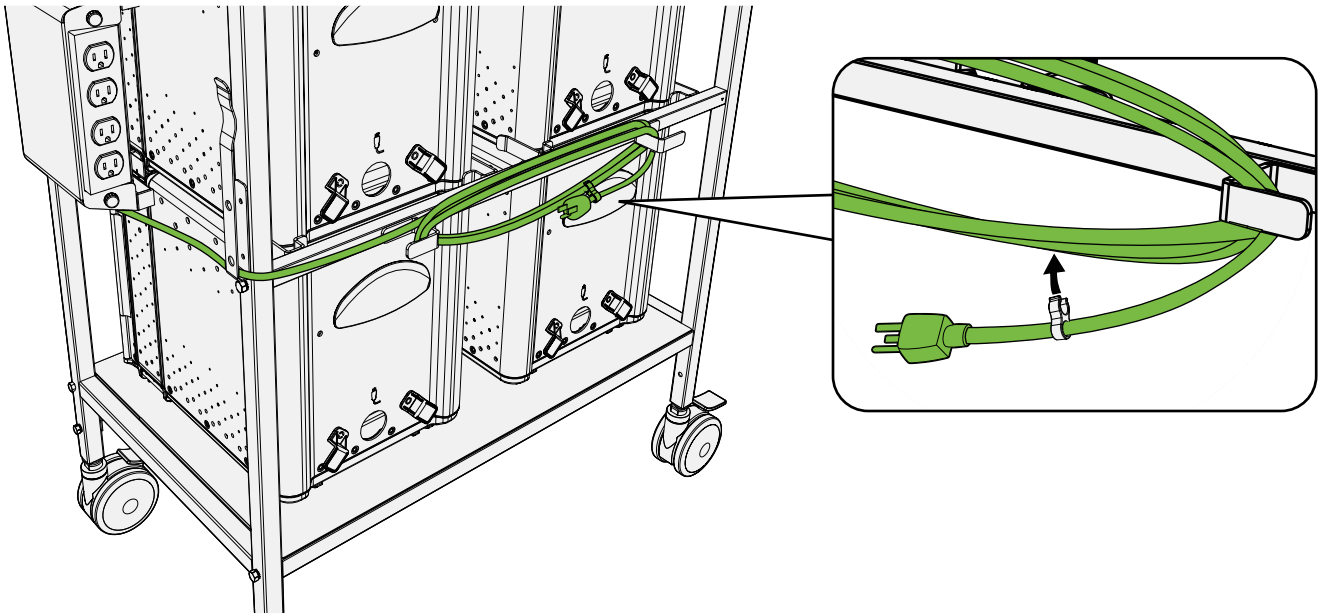
2 Zip tie Power Timer Cable to frame



Note:

- Leave some slack in cable when zip tying it to the cart to avoid excess strain on cable or power timer.
- Trim the ends of the zip ties once they are fully tightened around the power cable.

3 Wrap Power Timer Cable on Cable Hook Stretcher before moving cart



Note:

- Use the attached clip to secure the power cable to itself before moving the cart.

Plug Power Strip From Each Tech Tub Into Power Timer

Route Power Cables through Spring Steel Cable Hook and plug them into the Power Timer

Note:

To keep the power cables organized keep the excess length of cable wrapped on the back of the Tech Tub².

Ensure that there is enough slack to prevent unnecessary strain on the power cables or power timer.

