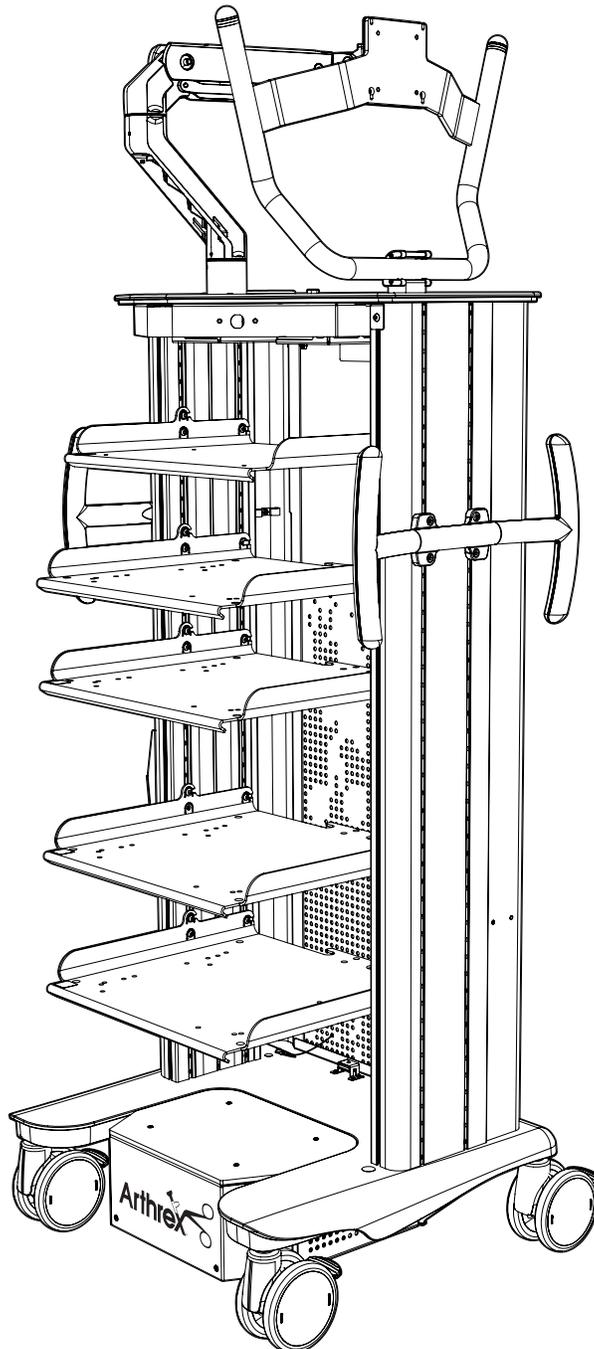




SYNERGY VIDEO CART INSTRUCTION MANUAL

MODEL: AR-3260-0001



*For additional detailed and essential information, please refer to DFU-0383-EO

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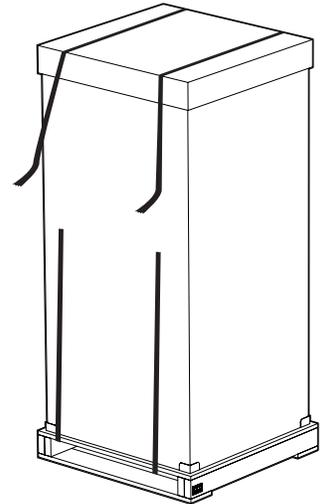
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Uncrating the Cart

1. Remove the Packaging:

Cut the strapping, pull off the corrugate top cap and full wrap up and off of the cart. The cart will have a plastic bag over and tucked underneath the base. Remove the bag by lifting off the cart. The cart and wood base should be exposed.

1

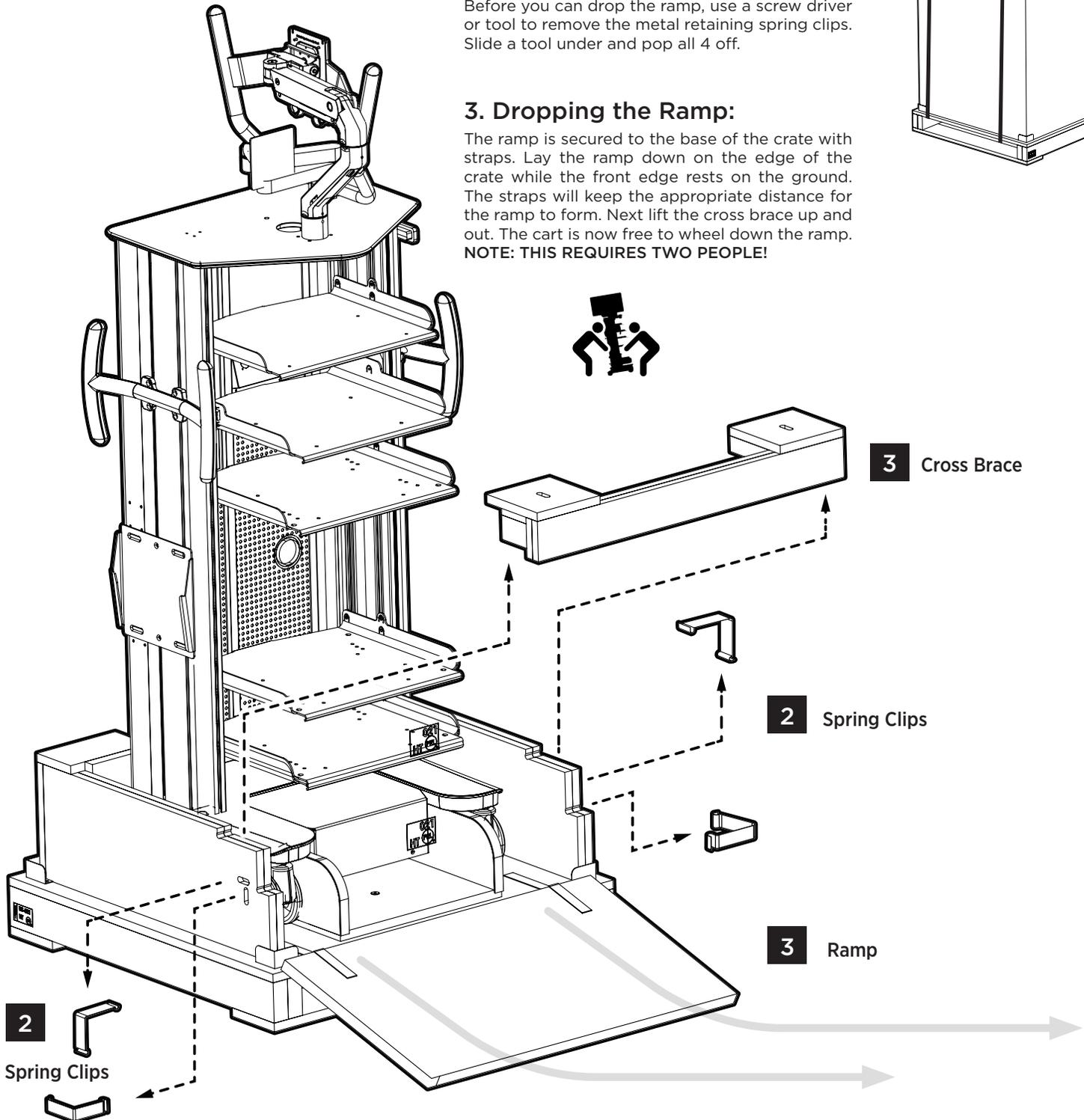


2. Removing Spring Clips:

Before you can drop the ramp, use a screw driver or tool to remove the metal retaining spring clips. Slide a tool under and pop all 4 off.

3. Dropping the Ramp:

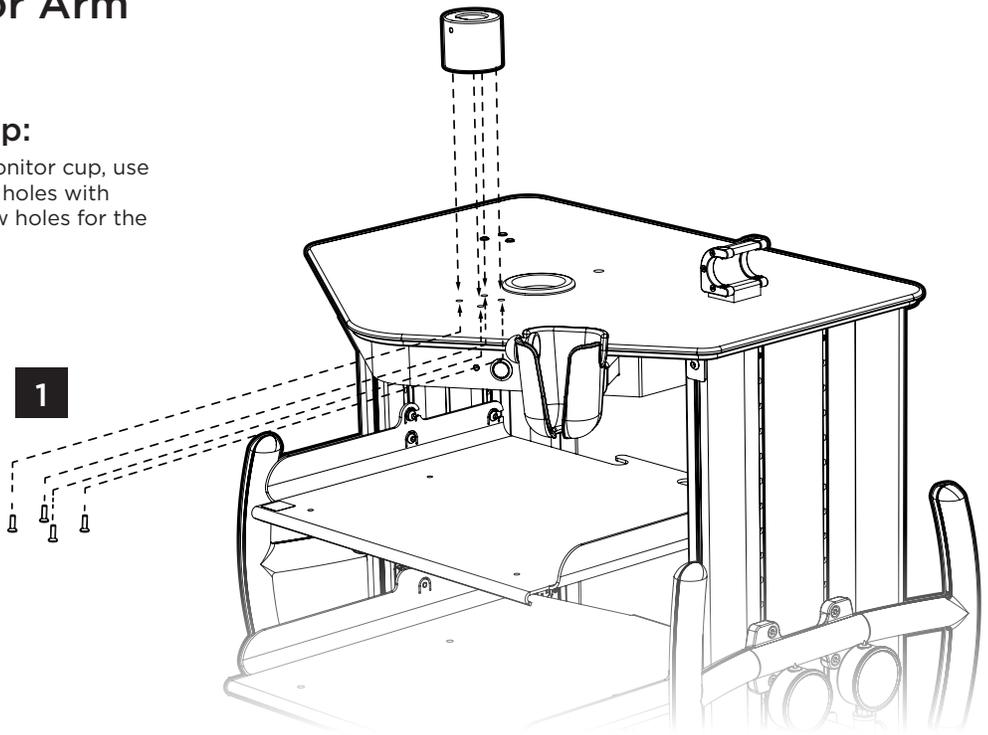
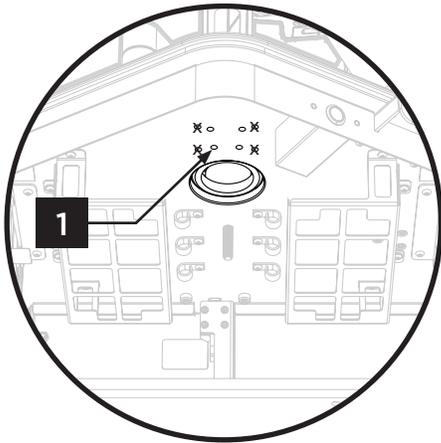
The ramp is secured to the base of the crate with straps. Lay the ramp down on the edge of the crate while the front edge rests on the ground. The straps will keep the appropriate distance for the ramp to form. Next lift the cross brace up and out. The cart is now free to wheel down the ramp. **NOTE: THIS REQUIRES TWO PEOPLE!**



Installing the Monitor Arm

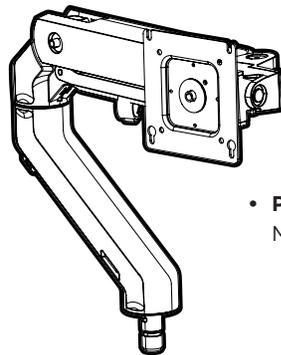
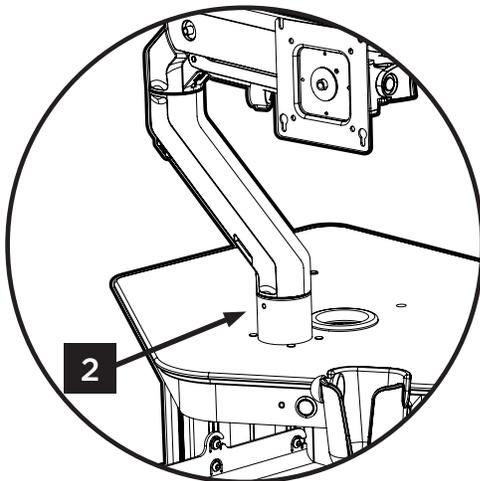
1. Mounting the Monitor Cup:

If you need to remove or remount the monitor cup, use the 4 screws provided and match up the holes with the cup. You should use the inner 4 screw holes for the single monitor cup.

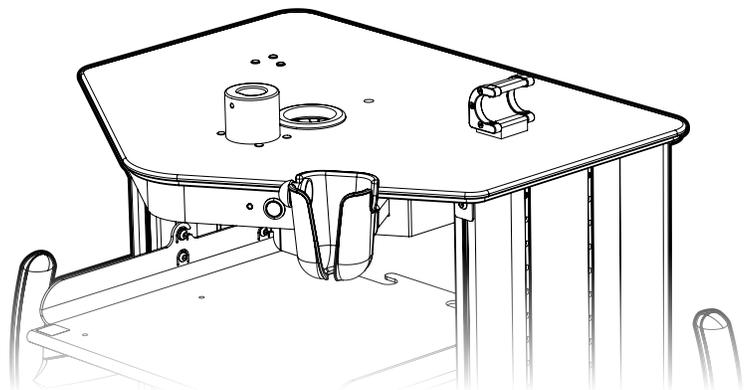


2. Install Monitor Arm:

With the set screw backed off, set the monitor arm into the monitor cup as show below. To keep the monitor arm from pulling out, tighten the set screw to where the arm does not pull up and out.



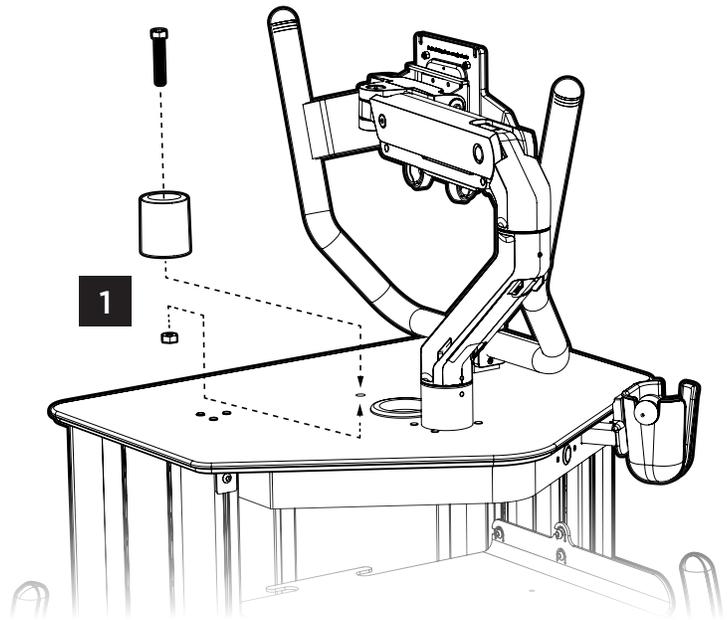
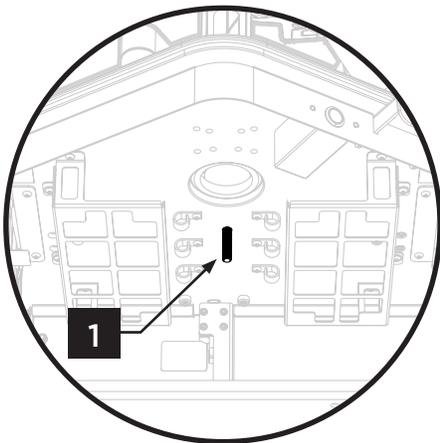
• P/N: AR-3260-1021
Monitor Boom Arm



Installing the Secondary Arm

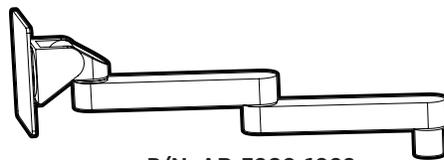
1. Mounting the Tablet Cup:

If you need to remove or mount the tablet cup you will need to access the underside through the back doors. Using the bolt provided, match up the hole with the cup and secure with the locking nut.

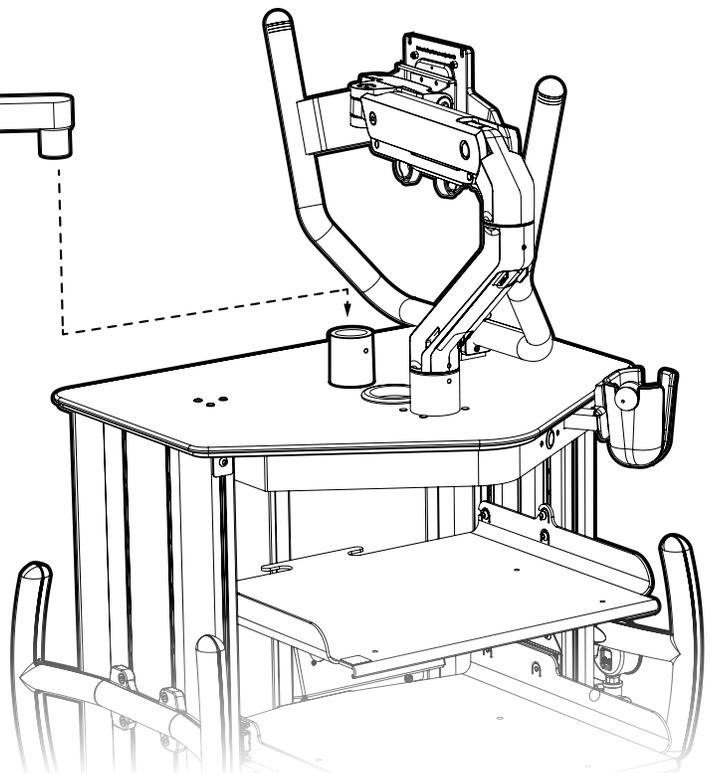
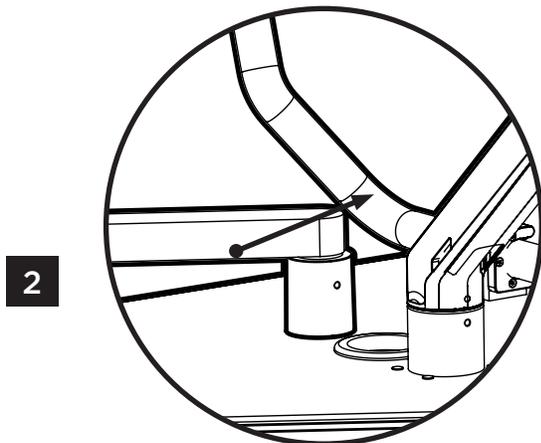


2. Install the Tablet Arm:

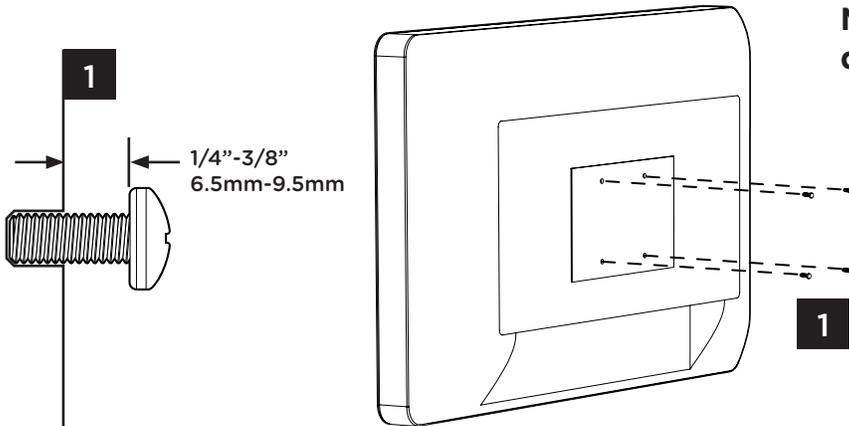
With the set screw backed off, set the tablet arm into the monitor cup as show below. To keep the tablet arm from pulling out, tighten the set screw to where the arm does not pull up and out.



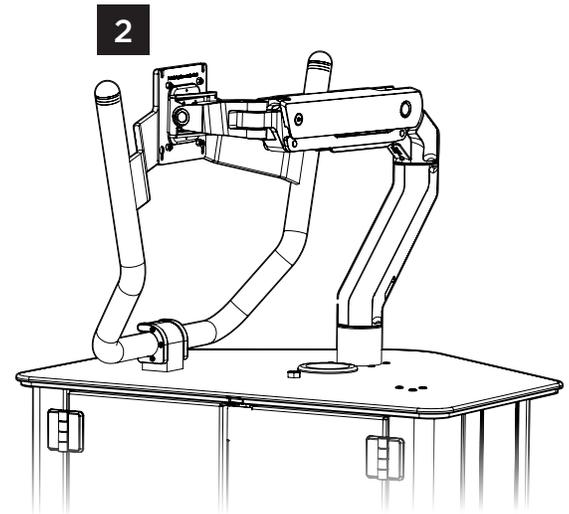
• P/N: AR-3260-1022
Secondary Arm



Mounting the Monitor



NOTE: Keep the monitor handle docked during the mounting process.

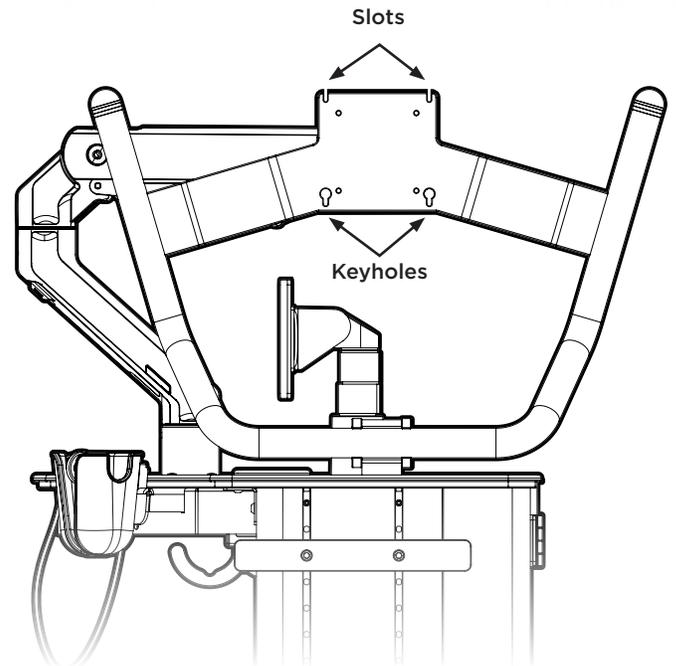


1. Preparing the Monitor:

Insert the four monitor screws in the screw holes located on the back of the monitor indicated by the dashed lines in the above image. Leave the screws protruding approx 1/4 to 3/8 inch or 6.5mm to 9.5mm.

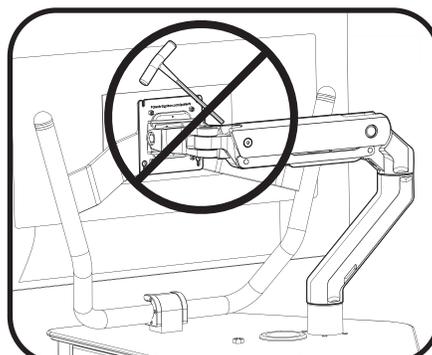
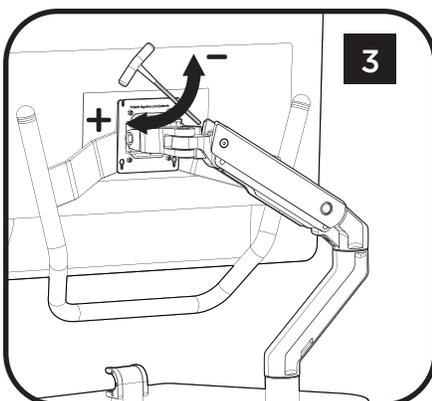
2. Mounting Plate Features:

The mounting plate features two slots and two “key-hole” style mounts to facilitate the mounting process. Position the monitor so that the four installed screw heads are inserted into the keyholes/slots, indicated by the arrows shown in the image below. Then lower the monitor until it is resting in the monitor mount. Tighten the four screws for final fixation.



3. Adjust Tension:

A 4mm alien Key may be used to adjust the tension on the boom arm. Counterclockwise will decrease the amount of tension Clockwise will increase the amount of tension. Access to the tension nut is only possible with the boom arm raised to it’s highest point.

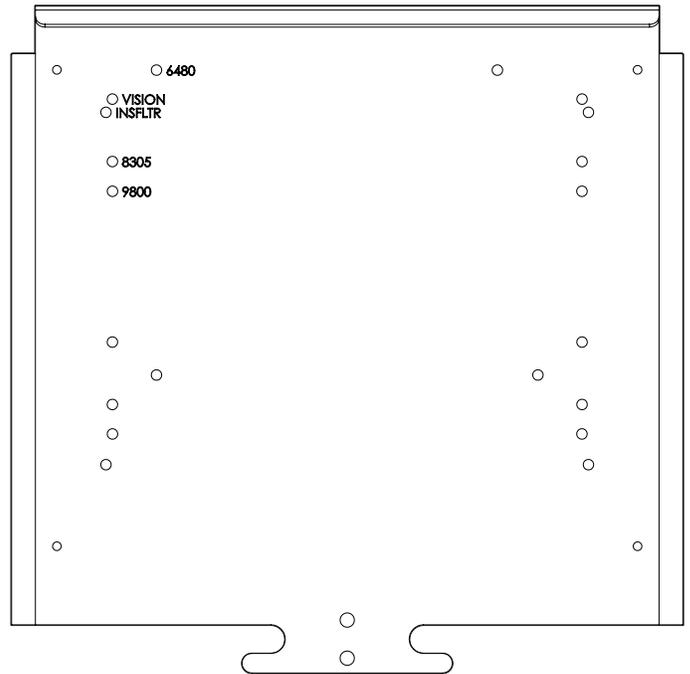


Mounting the Components

1. Multiple Shelf Configurations:

For your convenience, the screw holes are labeled for the corresponding component on the underside of each shelf.

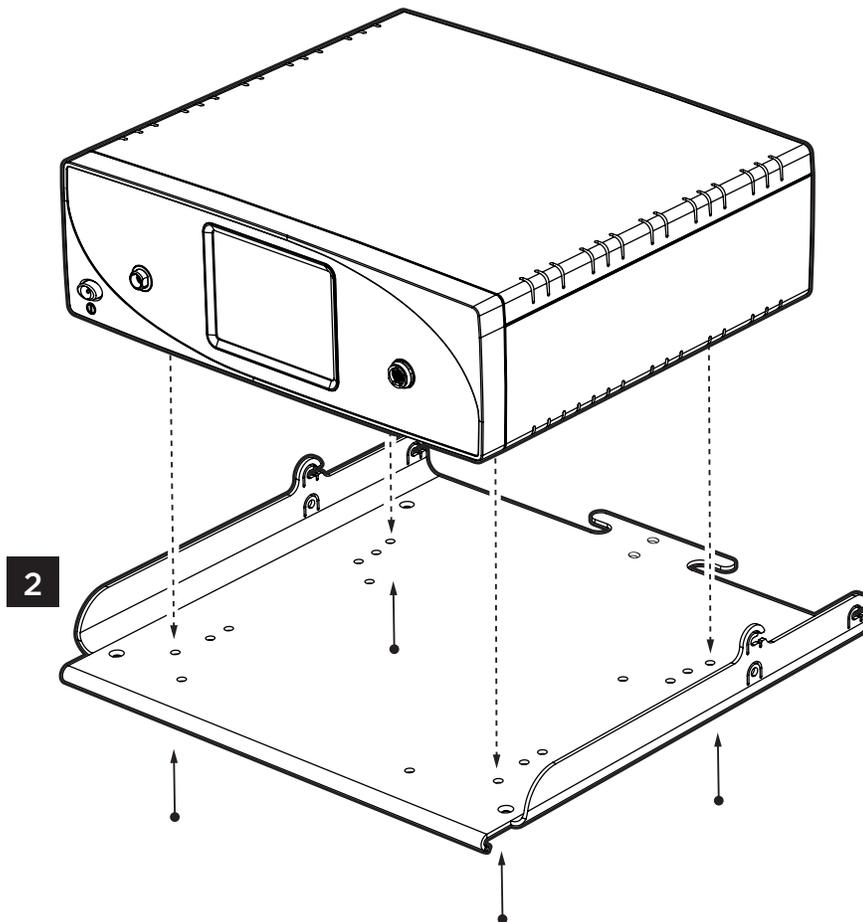
- 6480
- VISION
- INSFLTR
- 8305
- 9800



2. Mounting to the Shelf:

Place the component of your choice onto the appropriate shelf level. Insert component mounting screws from beneath the shelf in the locations indicated by the arrows on image below. Be sure to select the screw holes that correspond to your component of choice.

1 Shelf Bottom View



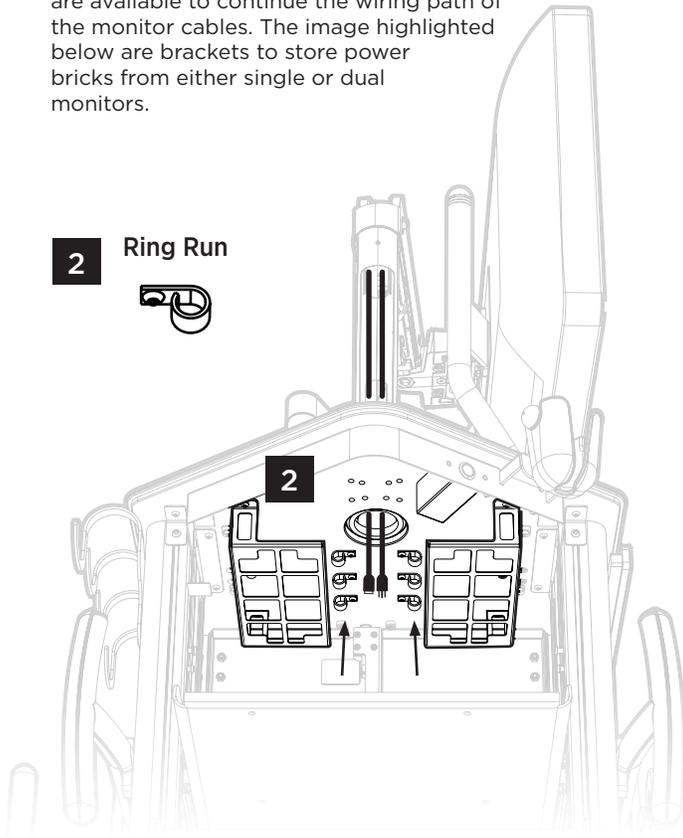
Cable Management

1. Monitor Power and Video Cables:

The Synergy Video Cart is equipped with ample cable management. The wiring pathway for the monitor is indicated with arrows on the image at right. Included are saddles for zip ties to secure cables in place.

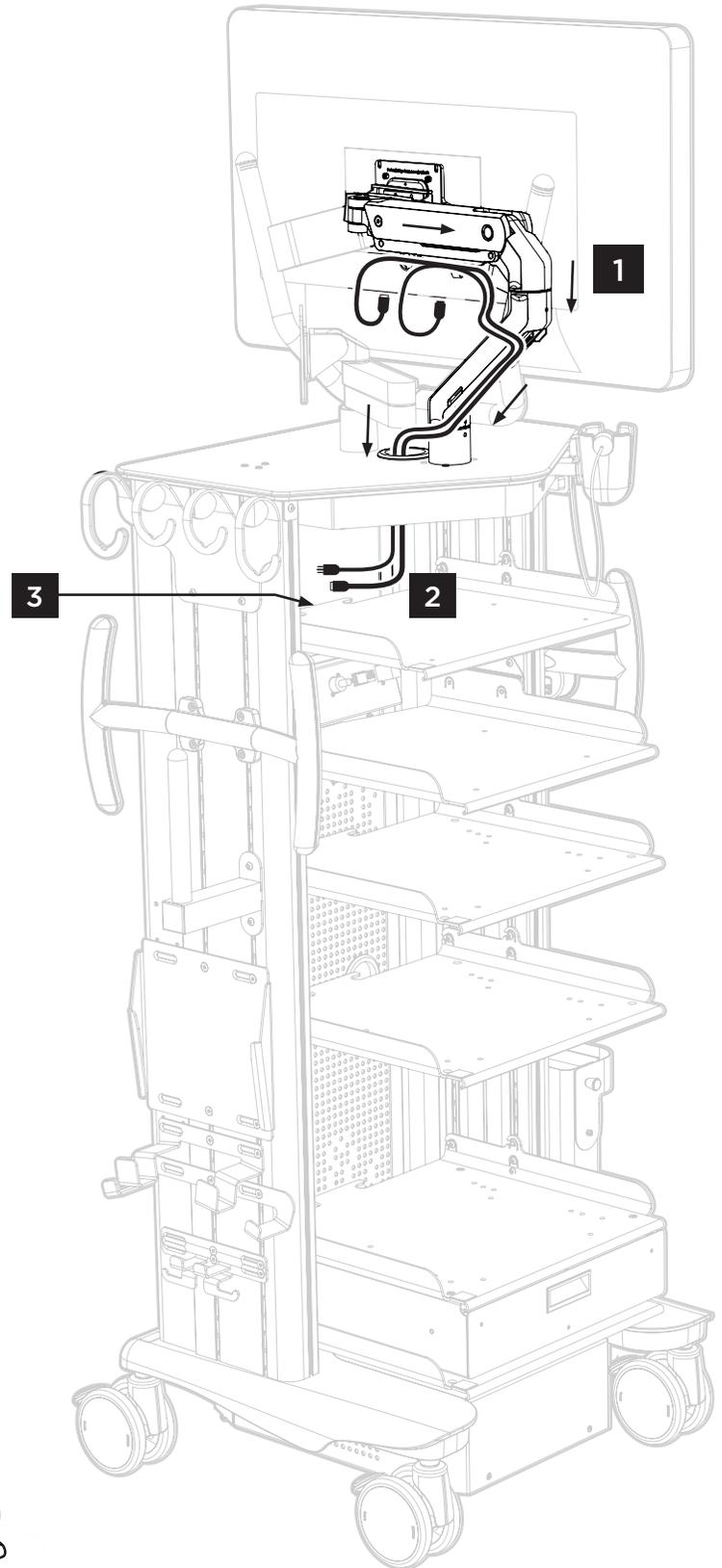
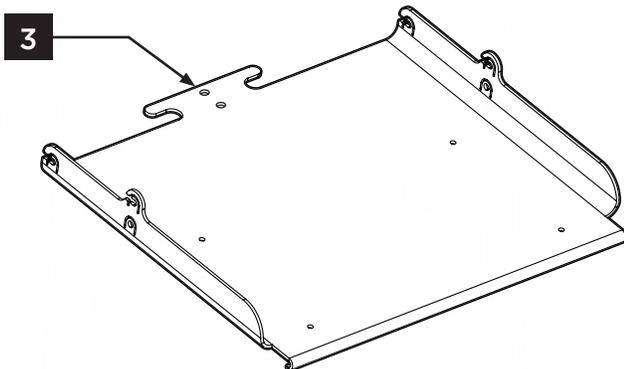
2. Power Brick Shelf with Ring Runs:

The image below indicates “ring runs” which are available to continue the wiring path of the monitor cables. The image highlighted below are brackets to store power bricks from either single or dual monitors.



3. Shelf Cable Management:

Each shelf has a cord wrap feature built into the back of the shelf with holes for cable tie placement.

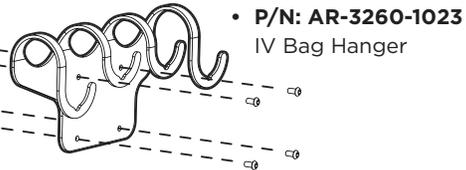
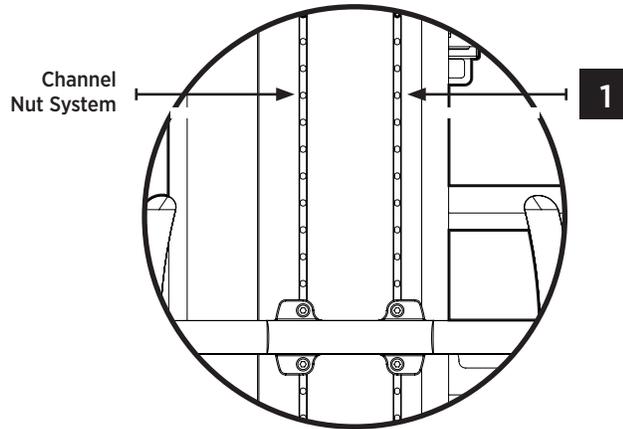
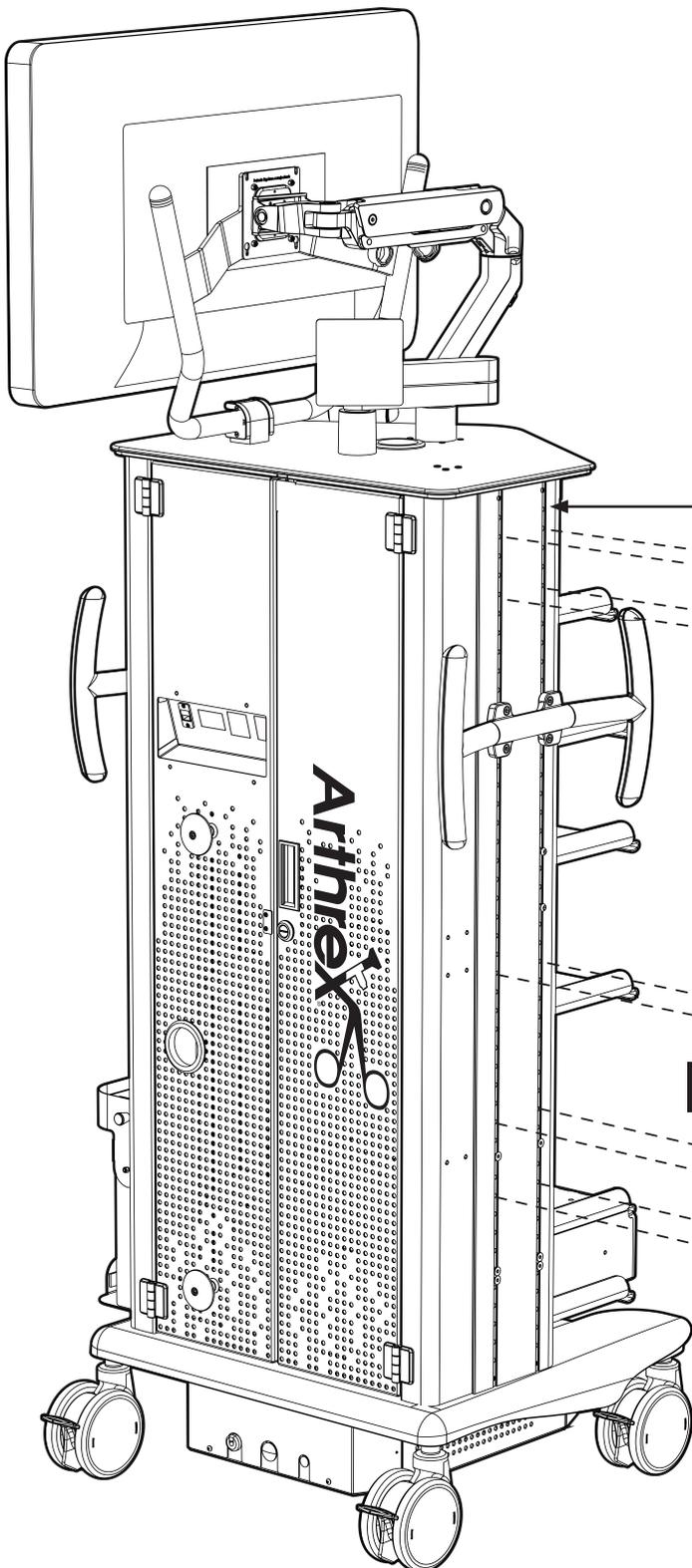


Attaching an Accessory

All accessories come pre-drilled with either two or four holes that match the width of the integrated Channel Nut system. The Channel Nut system is indicated by the arrows in the image below.

1. Decide on Location:

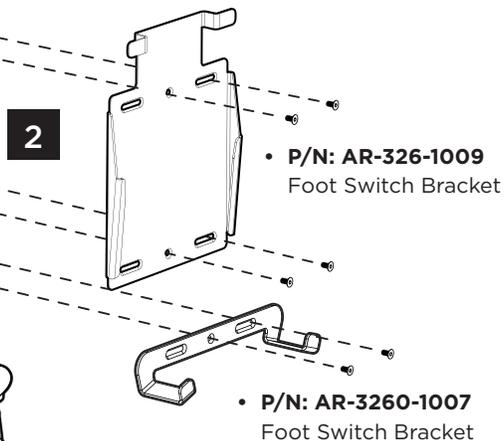
At the desired height, line up the pre-drilled screw holes of your accessory with the Channel Nut system.



2. Securing Accessory:

Insert and tighten the associated screws with the appropriate Allen key provided.

*Be sure to allow appropriate space between your accessories to ensure proper fixation.



- (Not Shown)
- **P/N: AR-3260-1005**
Foot Switch Bracket
- **P/N: AR-3260-1006**
Foot Switch Bracket
- **P/N: AR-3260-1008**
Foot Switch Bracket
- **P/N: SR-3260-1054**
Channel Nut Screws
- (EU Only)
- **P/N: AR-3260-1010**
Pole Pump Mount
- **P/N: AR-3260-1013**
EU Bed Rail
- (US Only)
- **P/N: AR-3260-1014**
US Bed Rail

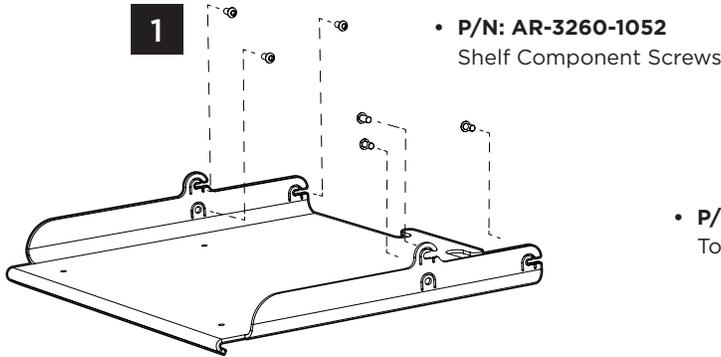
Replacing/Adjusting a Shelf

***Always remove component when replacing/adjusting a shelf.**

Each shelf is secured by a total of 6 screws. There are three screws on each side (see view below). The cart is shipped with all shelves installed at the appropriate height for Arthrex components.

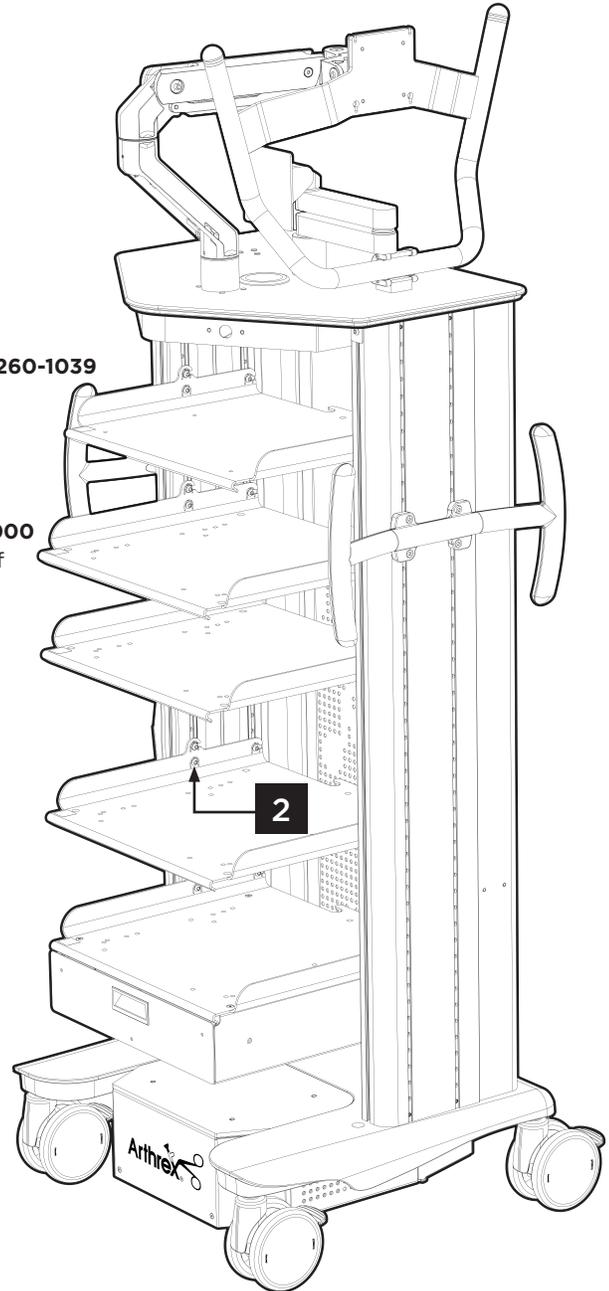
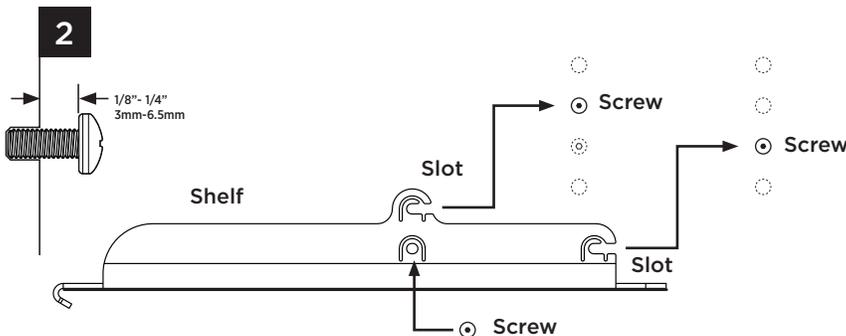
1. Replacing a Shelf:

To replace a damaged shelf remove all six screws and one grounding washer. Make sure you're holding on to the shelf while removing the final screw.



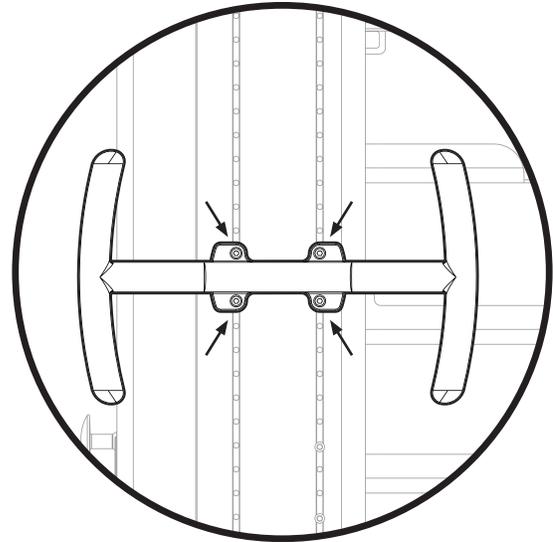
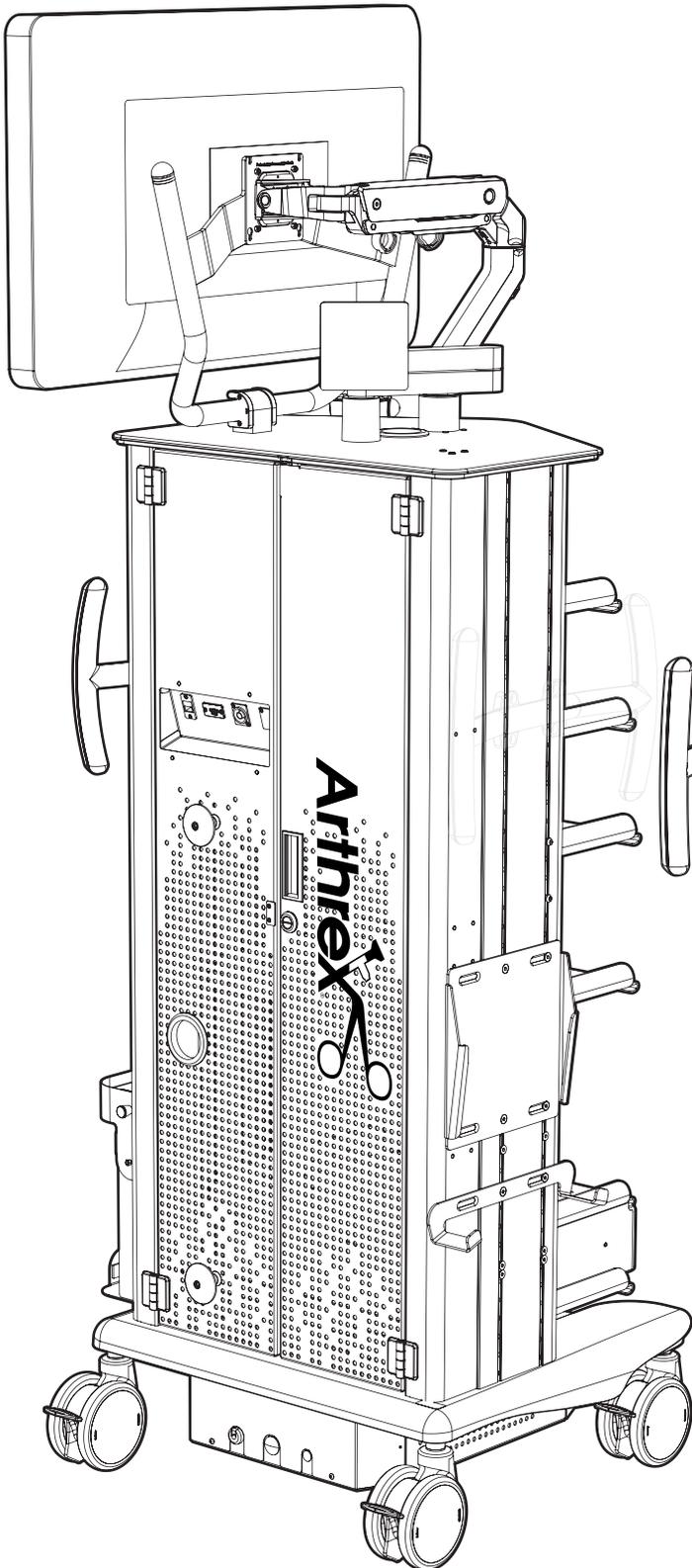
2. Adjusting the Shelf Height:

To adjust the shelf height remove all six screws as shown above. Notice the shelf has 3 holes on each side where two are slots. This will assist you with mounting the shelf. Choose a desired height and thread the top hole/slot screw into the channel nut system and the rear hole/slot, make sure you thread the screws on both sides. You should have four total screws in place, two on each column. You'll need to leave an 1/8" - 1/4" or 3mm - 6.5mm gap behind. Do Not Tighten yet!

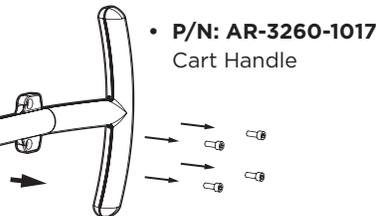


Slide the shelf behind the four screws by aligning the slots on the shelf with the screws fastened to the inside column. Insert the last two screws through the bottom holes in the shelf, one on each side inserting a grounding washer to one of the screws. Tighten all six screws to secure shelf in place

Replacing the Handle



The Synergy Video Cart handle is affixed by four screws inserted in the Channel Nut system. The four screws are shown with arrows pointed to their location.



1. Remove the Handle:

Locate the 4 screws and remove them making sure to hold on to handle while removing the last screw. Note the screw holes used, you will need to know where to place the new handle.

2. Replacement Handle:

Install the replacement handle at the same height.
*Synergy Video Cart handle should always be mounted in the original factory position.

3. Secure Handle:

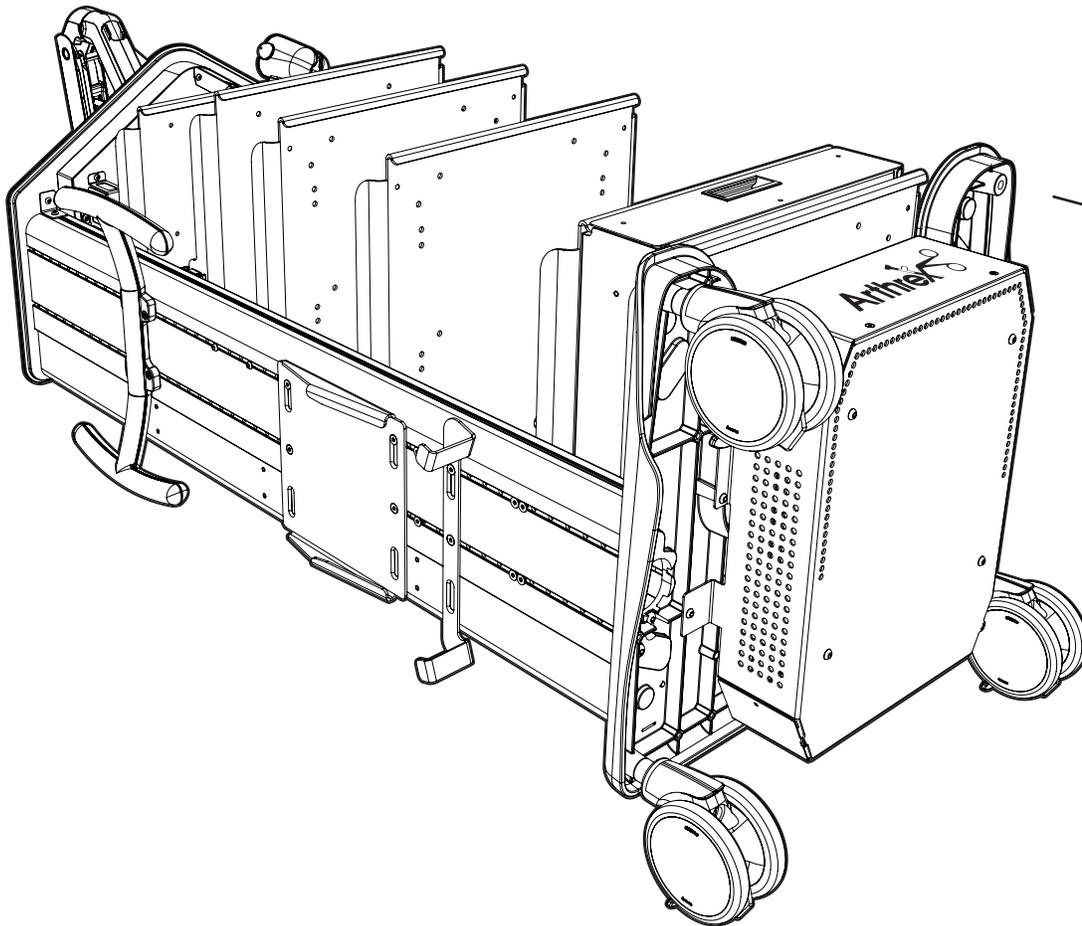
Tighten all 4 screws

Replacing a Caster

***SAFETY WARNING: This requires two people!**



1. Apply the brake to **ALL FOUR CASTERS**
2. Remove all components from the cart including the monitor.
3. **WITH A SECOND PERSON**, tip the cart backwards so that the caster being replaced is elevated off the floor and the cart is horizontal on the floor.
4. Remove the damaged caster and insert the new caster **WITH ITS BRAKE APPLIED**.
5. **WITH A SECOND PERSON**, lift the cart back to its standing upright position.
6. Re-install your components and monitor



- **P/N: AR-3260-1024**
Single Caster

(Not Shown)

- **P/N: AR-3260-1025**
Casters Kit (qty:4)

(EU Only)

- **P/N: AR-3260-1047**
Single Conductive Caster
- **P/N: AR-3260-1048**
Conductive Casters Kit (qty:4)

Replacing the Monitor Dock

***Note: swing monitor arm and tablet arm away from the damaged dock.**

The monitor docking station is affixed to the Synergy Video cart with three screws inserted from beneath the top plate.

1. Open Rear Doors:

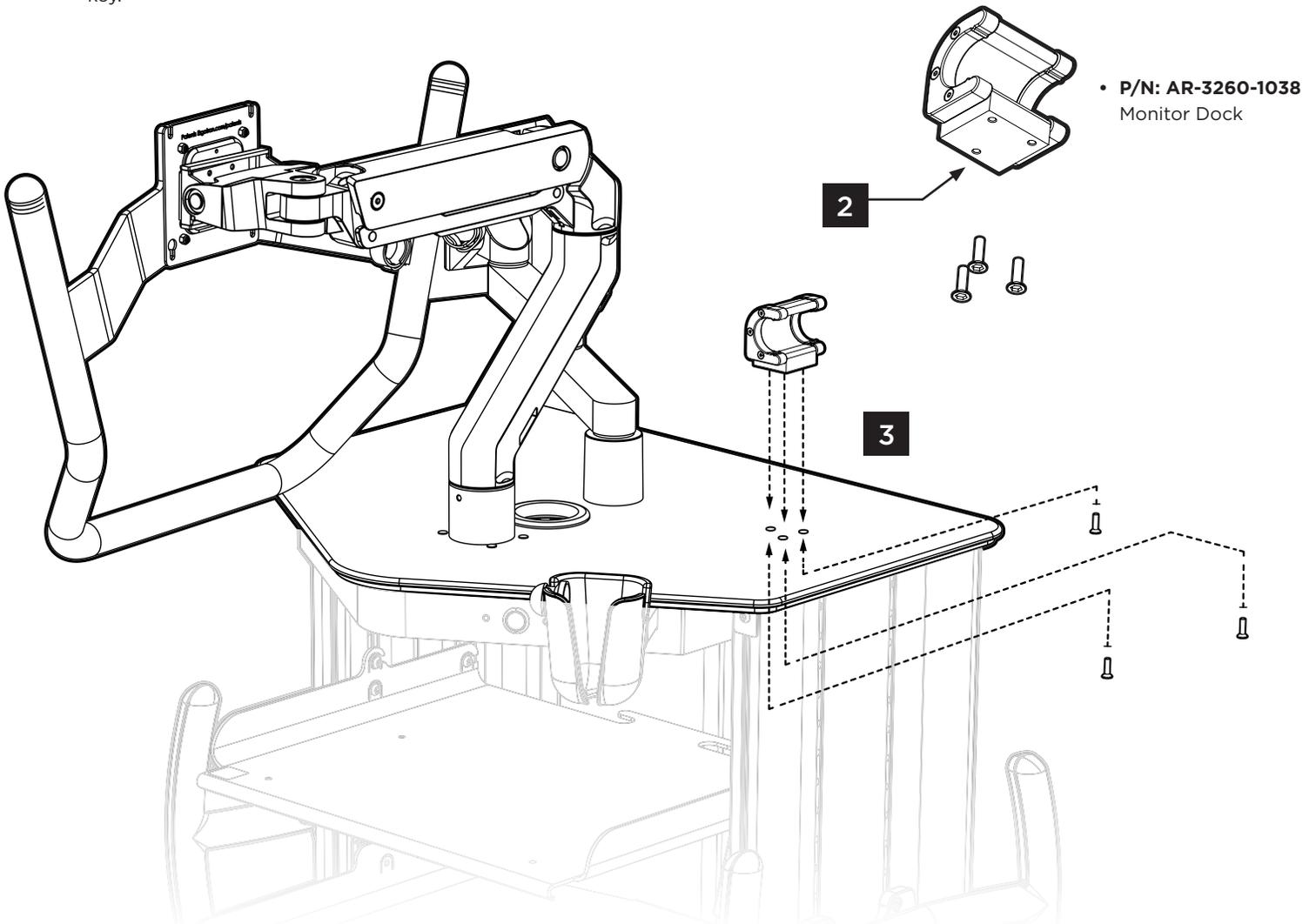
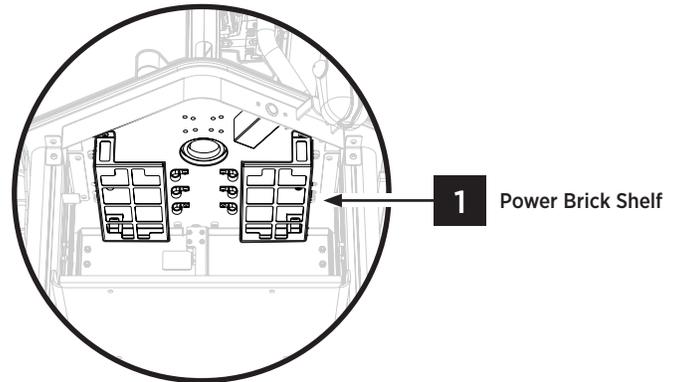
Open the rear doors to gain access to the underside of the top plate. You may need to remove the power brick shelf if your Allen key is too short.

2. Removing the Damaged Dock:

Remove all three screws with the associated Allen key and replace with a new monitor docking station.

3. Secure NEW Monitor Docking Station:

From the underside through the rear doors fasten the new dock by inserting the three screws and tighten with an Allen key.



Replacing the Main Power Cord

1. Remove Backplate:

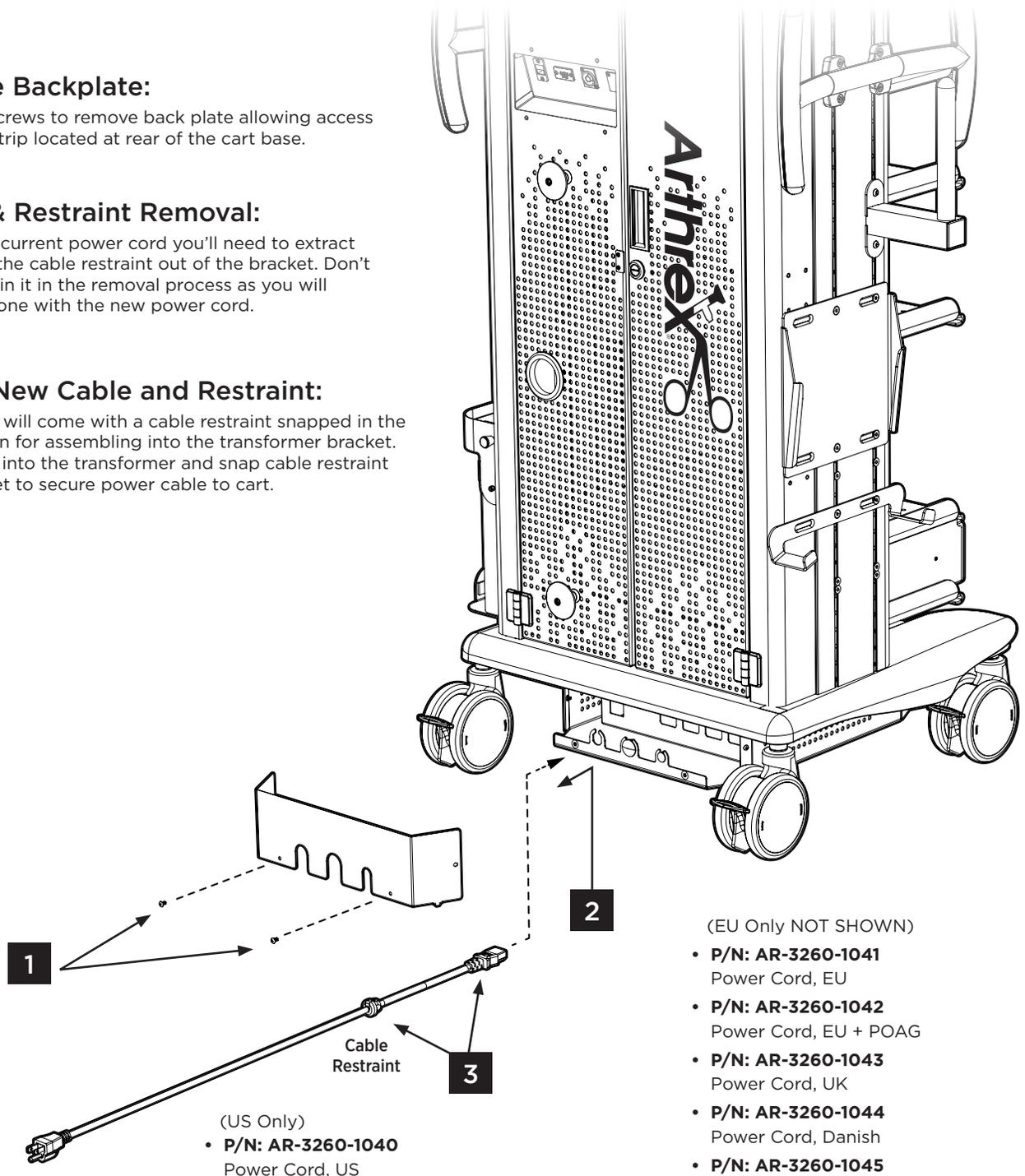
Remove two screws to remove back plate allowing access to the power strip located at rear of the cart base.

2. Cable & Restraint Removal:

To replace the current power cord you'll need to extract the cable and the cable restraint out of the bracket. Don't worry if you ruin it in the removal process as you will receive a new one with the new power cord.

3. Install New Cable and Restraint:

The new cable will come with a cable restraint snapped in the correct location for assembling into the transformer bracket. Plug the cable into the transformer and snap cable restraint into the bracket to secure power cable to cart.



(US Only)
 • **P/N: AR-3260-1040**
 Power Cord, US

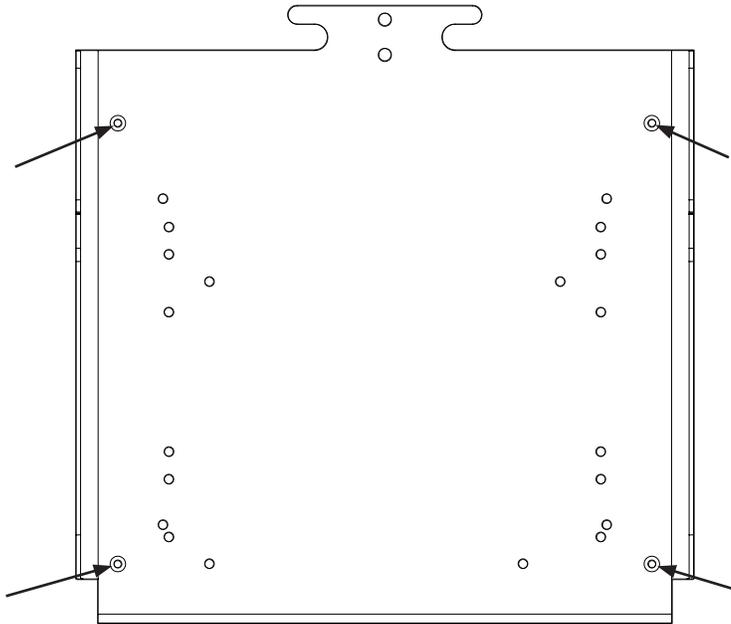
(EU Only NOT SHOWN)

- **P/N: AR-3260-1041**
Power Cord, EU
- **P/N: AR-3260-1042**
Power Cord, EU + POAG
- **P/N: AR-3260-1043**
Power Cord, UK
- **P/N: AR-3260-1044**
Power Cord, Danish
- **P/N: AR-3260-1045**
Power Cord, Italy
- **P/N: AR-3260-1046**
Power Cord, Swiss + POAG

Installing a Drawer

1. Locate Mounting Holes:

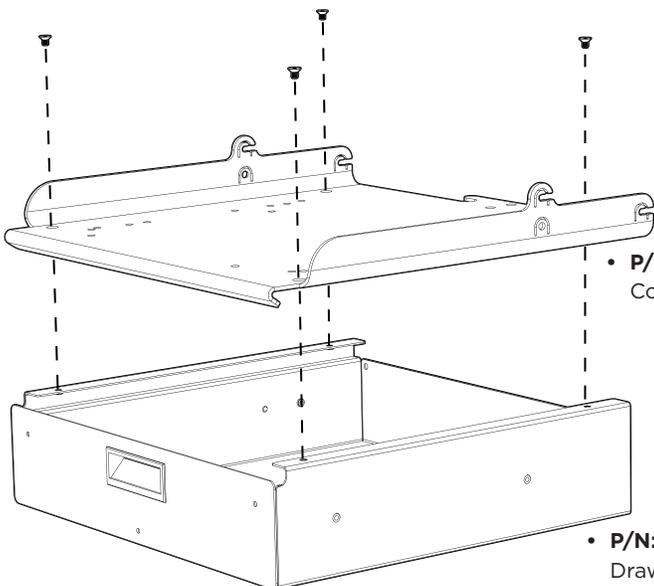
The drawer is mounted to the under side of a shelf. There are four mounting holes located on the top of the shelf as shown.



1 Shelf Top View

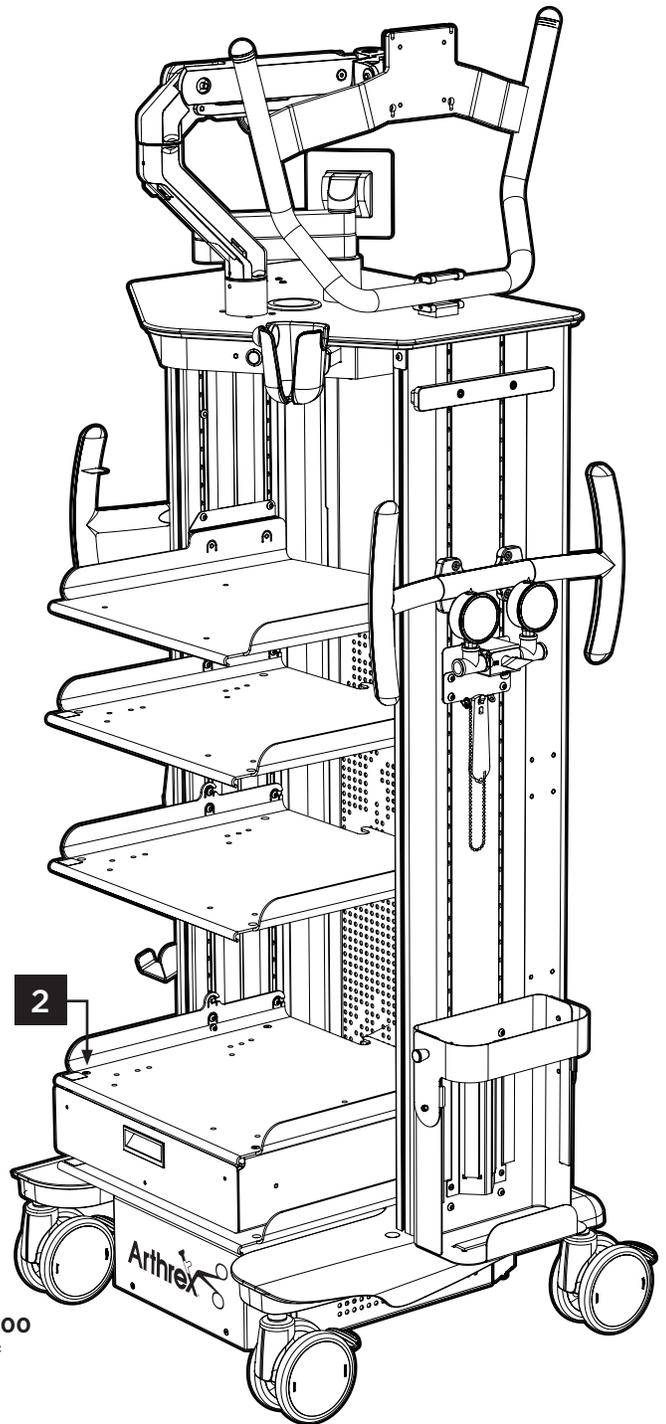
2. Attach Drawer to Shelf:

Aligning the drawer to the bottom of the shelf. Insert and tighten the associated screws with the appropriate Allen key provided.

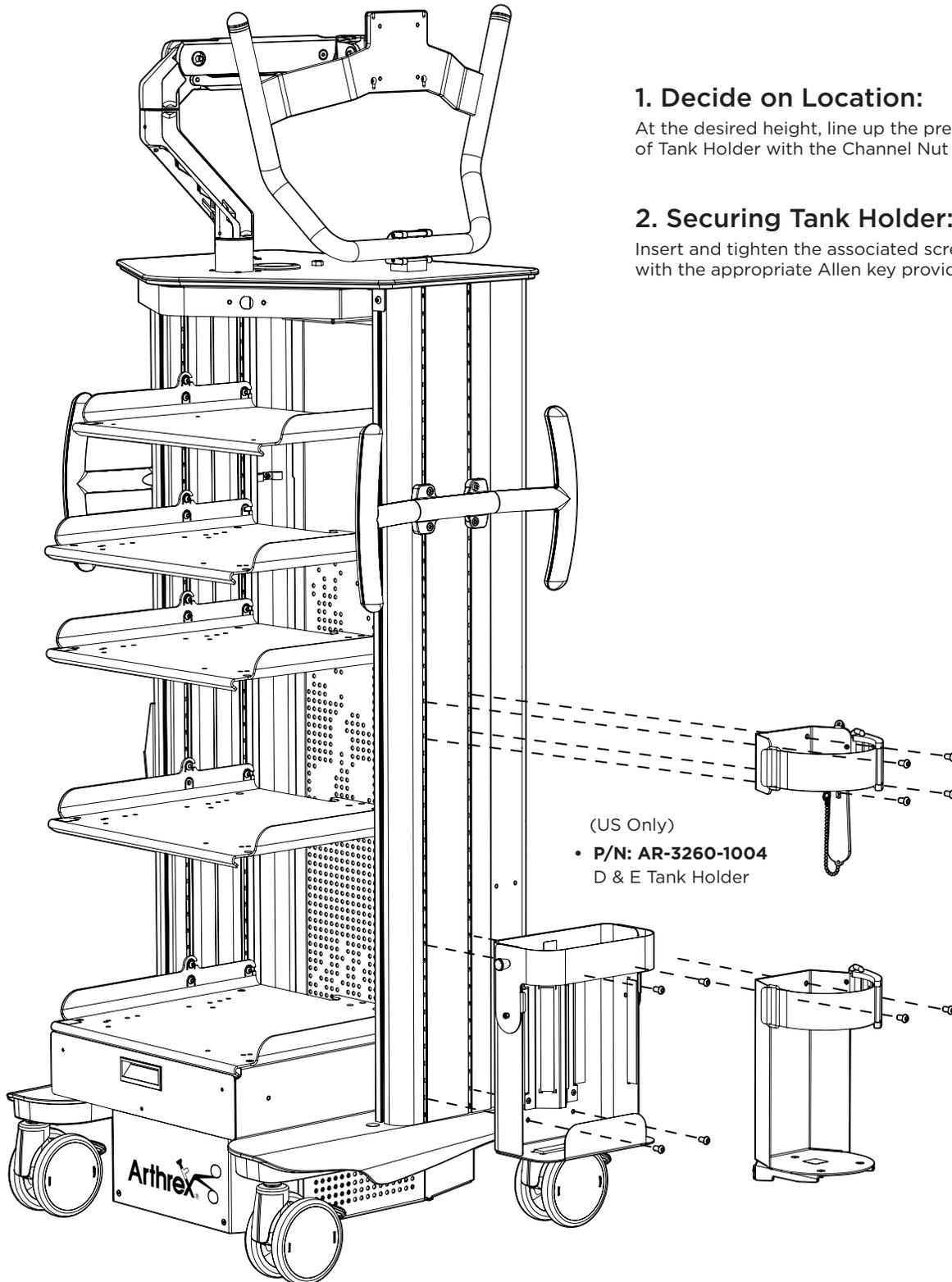


• P/N: AR-3260-1000
Component Shelf

• P/N: AR-3260-1001
Drawer



Attaching Tank Holders



1. Decide on Location:

At the desired height, line up the pre-drilled screw holes of Tank Holder with the Channel Nut system.

2. Securing Tank Holder:

Insert and tighten the associated screws with the appropriate Allen key provided.

(EU Only)

- **P/N: AR-3260-1002**
140mm Tank Holder

(US Only)

- **P/N: AR-3260-1004**
D & E Tank Holder

(EU Only NOT SHOWN)

- **P/N: AR-3260-1003**
200mm Tank Holder

Attaching a Camera Cup

1. Locate Mounting Holes:

The Camera Cup is mounted to the under side of the top. There are two mounting holes located underneath the top as shown.

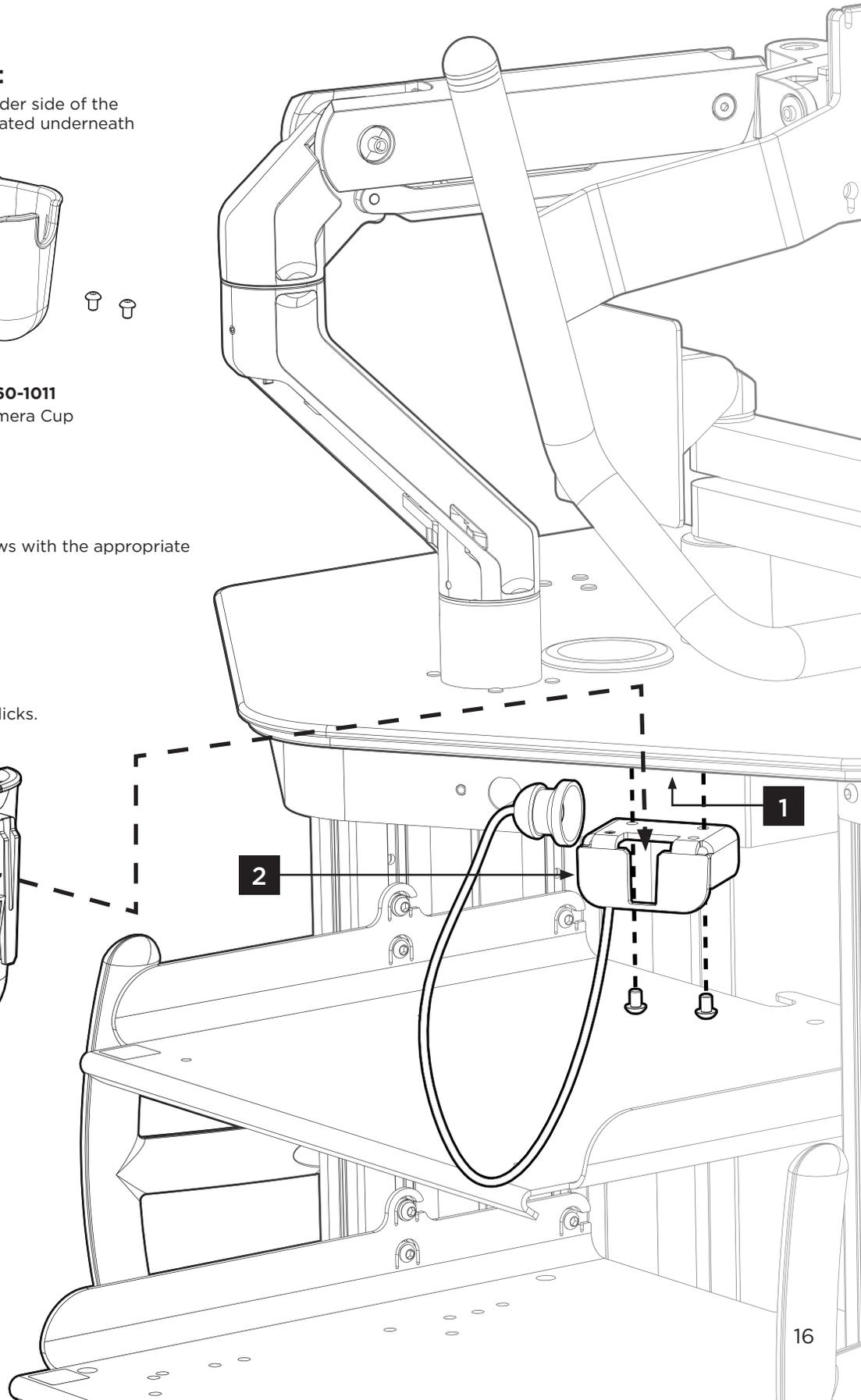
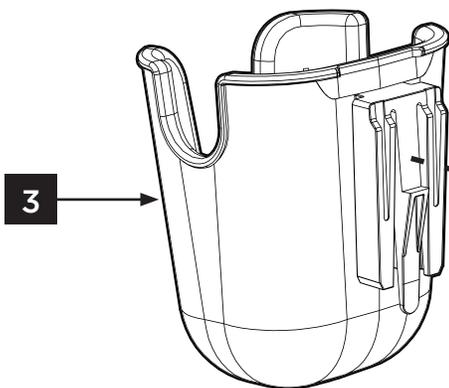


2. Attach Cup Bracket:

Insert and tighten the associated screws with the appropriate Allen key provided.

3. Attach Cup:

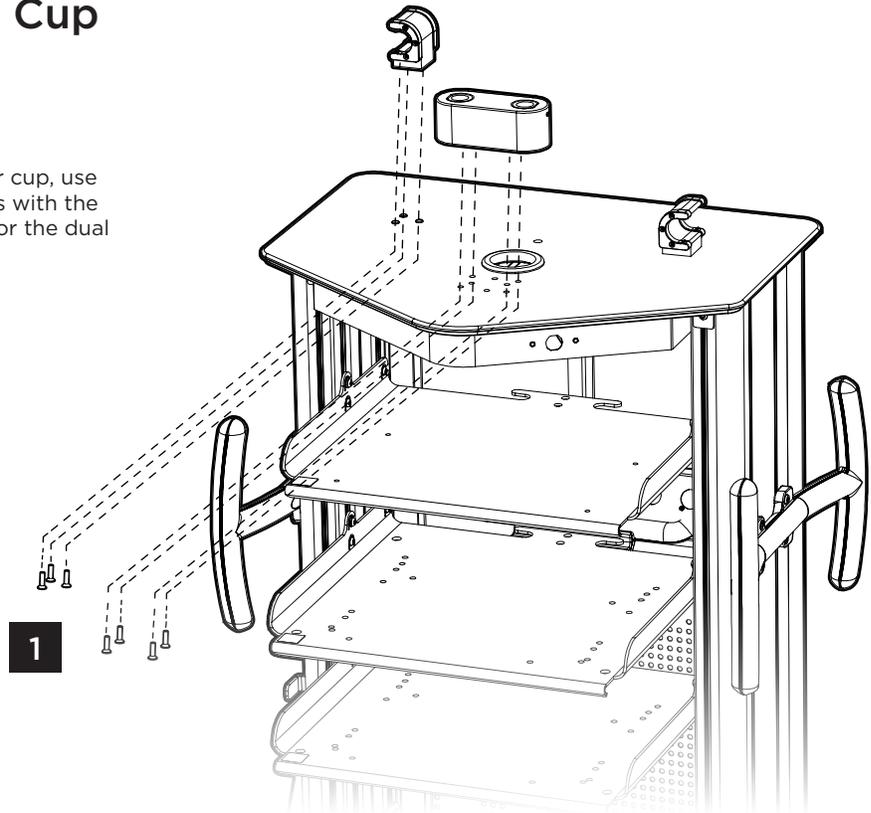
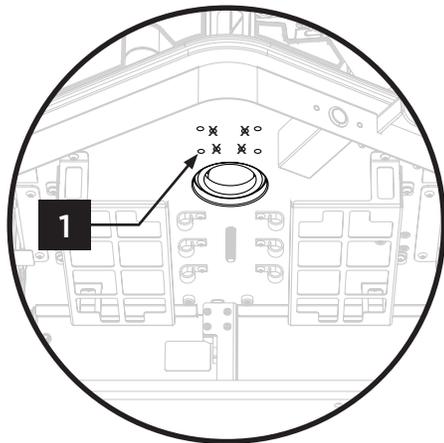
Slide camera cup into bracket until it clicks.



Installing Dual Monitor Cup

1. Mounting the Monitor Cup:

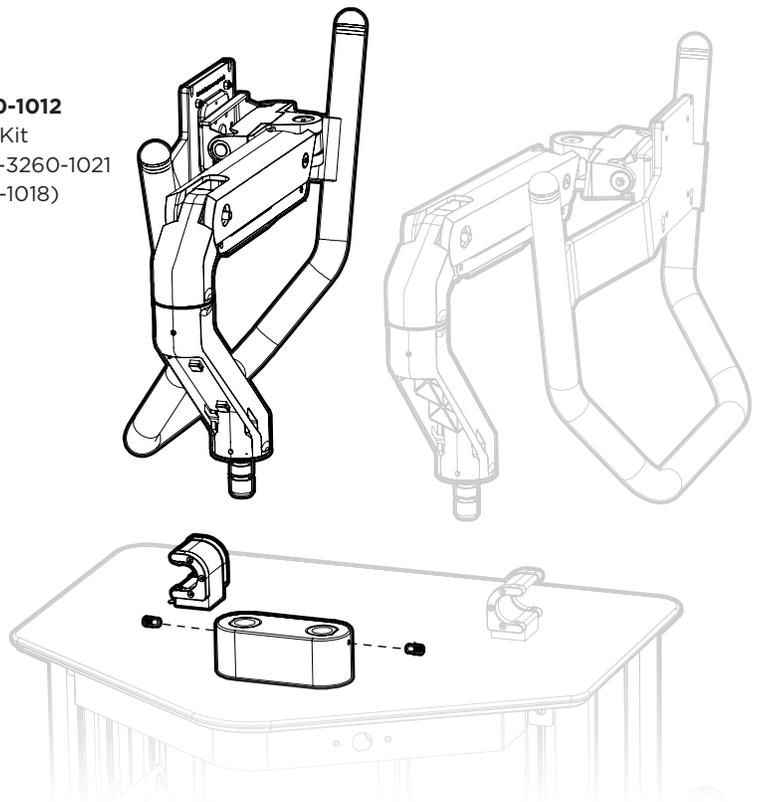
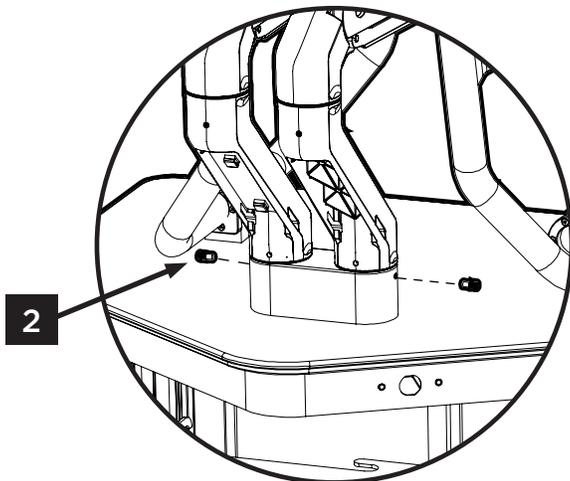
If you need to remove or remount the monitor cup, use the 4 screws provided and match up the holes with the cup. You should use the outer 4 screw holes for the dual monitor cup.



2. Install Monitor Arm:

With the set screw backed off, set the monitor arm into the monitor cup as show below. To keep the monitor arm from pulling out, tighten the set screw to where the arm does not pull up and out.

- **P/N: AR-3260-1012**
Dual Monitor Kit
(includes: AR-3260-1021
and AR-3260-1018)



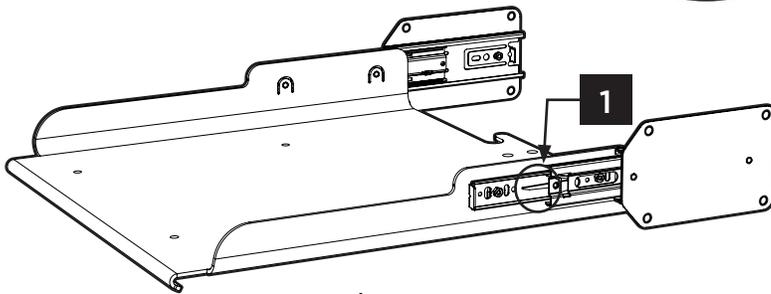
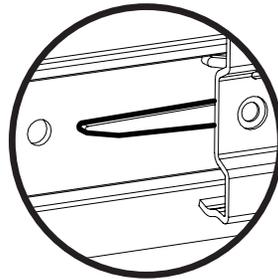
Installing/replacing Pump Pull Out Shelf

***Always remove component when replacing/adjusting a shelf.**

The shelf is secured by a total of 8 screws. There are four screws on each side.

1. Remove Shelf From Rails:

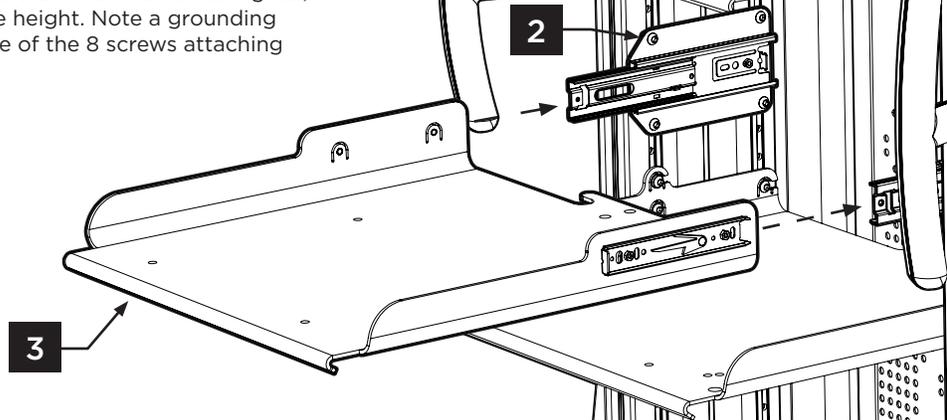
Fully extend shelf and push disconnect lever to slide the rails off from each side of the shelf.



• P/N: AR-3260-1015
Pump Pullout Shelf

2. Attach Rails:

Notice the rails are attached to a bracket that has 4 holes and is chamfered on one side. The chamfered side should be facing out. Screw the rail on to the channel nut system with the 4 screws. Repeat on the other side with the remaining rail, making sure that it is at the same height. Note a grounding washer should be used under one of the 8 screws attaching the bracket.



3. Install shelf:

Slide the shelf onto the newly installed rails, pushing it all the way in. Fully extend the shelf to make sure it is locked on.

Replacing the Monitor Handle

***Warning: Always remove Monitor when replacing a Monitor Handle.**

See Mounting the Monitor Page 5 for monitor removal.

1. Remove Monitor Handle:

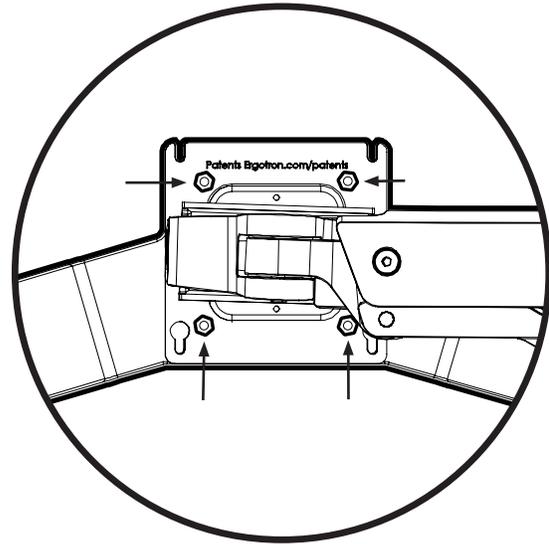
Locate the 4 nuts and remove them making sure to hold on to handle while removing the last nut. Note the screw holes used, you will need to know where to place the new handle.

2. Replacement Monitor Handle:

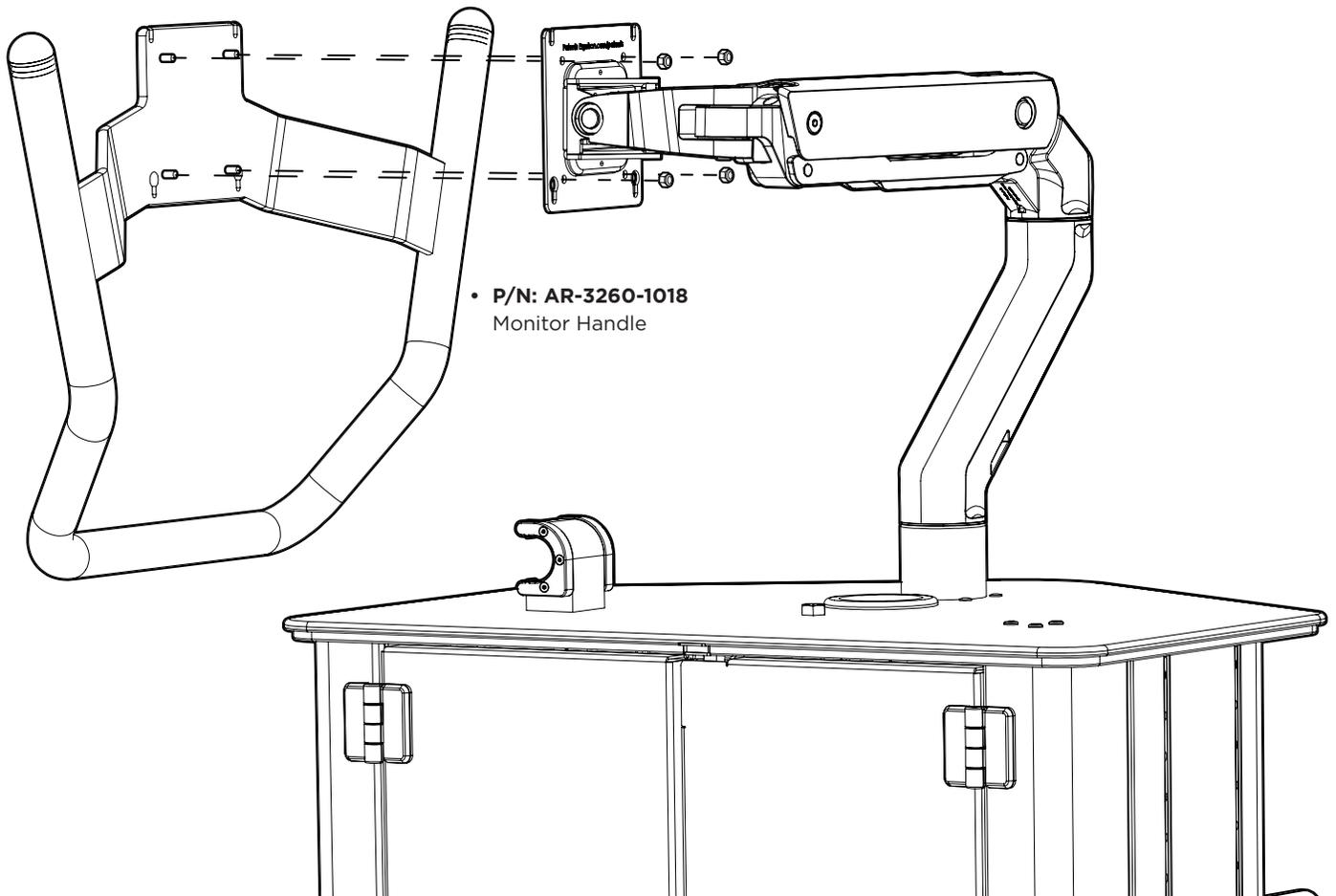
Replace Monitor Handle.

3. Secure Handle:

Tighten all 4 nuts.



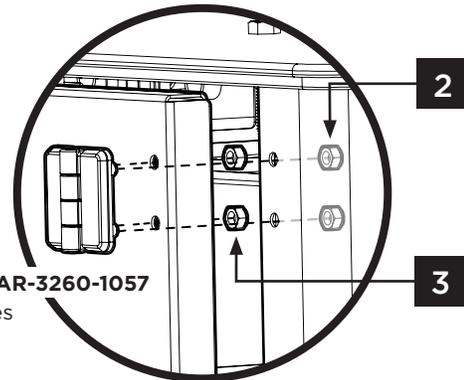
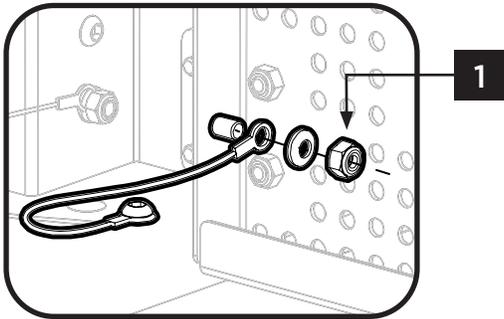
1 The monitor handle is affixed by four nuts. The four nuts are shown with arrows pointed to their location.



Attaching/Replacing a Door

1. Remove Grounding Cable:

Locate the grounding cable on the inside of the door by the bottom hinge. Remove the nut holding it to the door. There is one grounding cable on each door.



Each door is held on by two hinges which are affixed by four nuts.

2. Remove the Doors:

Locate the 4 nuts that attach the hinges to the frame and remove them making sure to hold on to the door while removing the last nut. Note the nuts that attach the hinges to the door should be still attached. Repeat process for other door.

3. Remove the Hinges:

With the door off remove the 4 nuts that attach the 2 hinges to the door. Repeat process for other door.

4. Replacement Door:

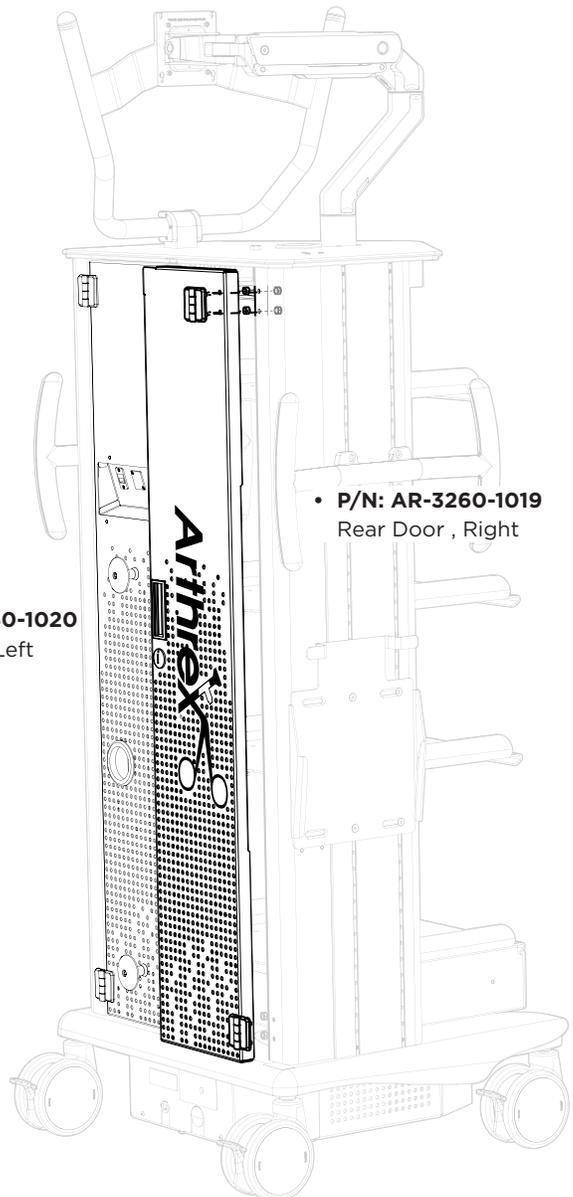
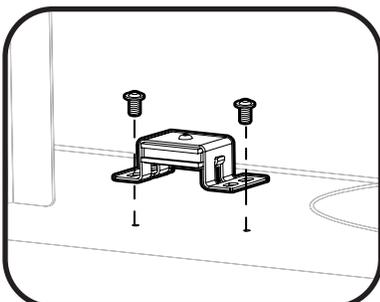
Install the 2 hinges to the door with the 4 nuts. Then install the door to the cart with the remaining for nuts. Repeat process for other door.

5. Secure Door:

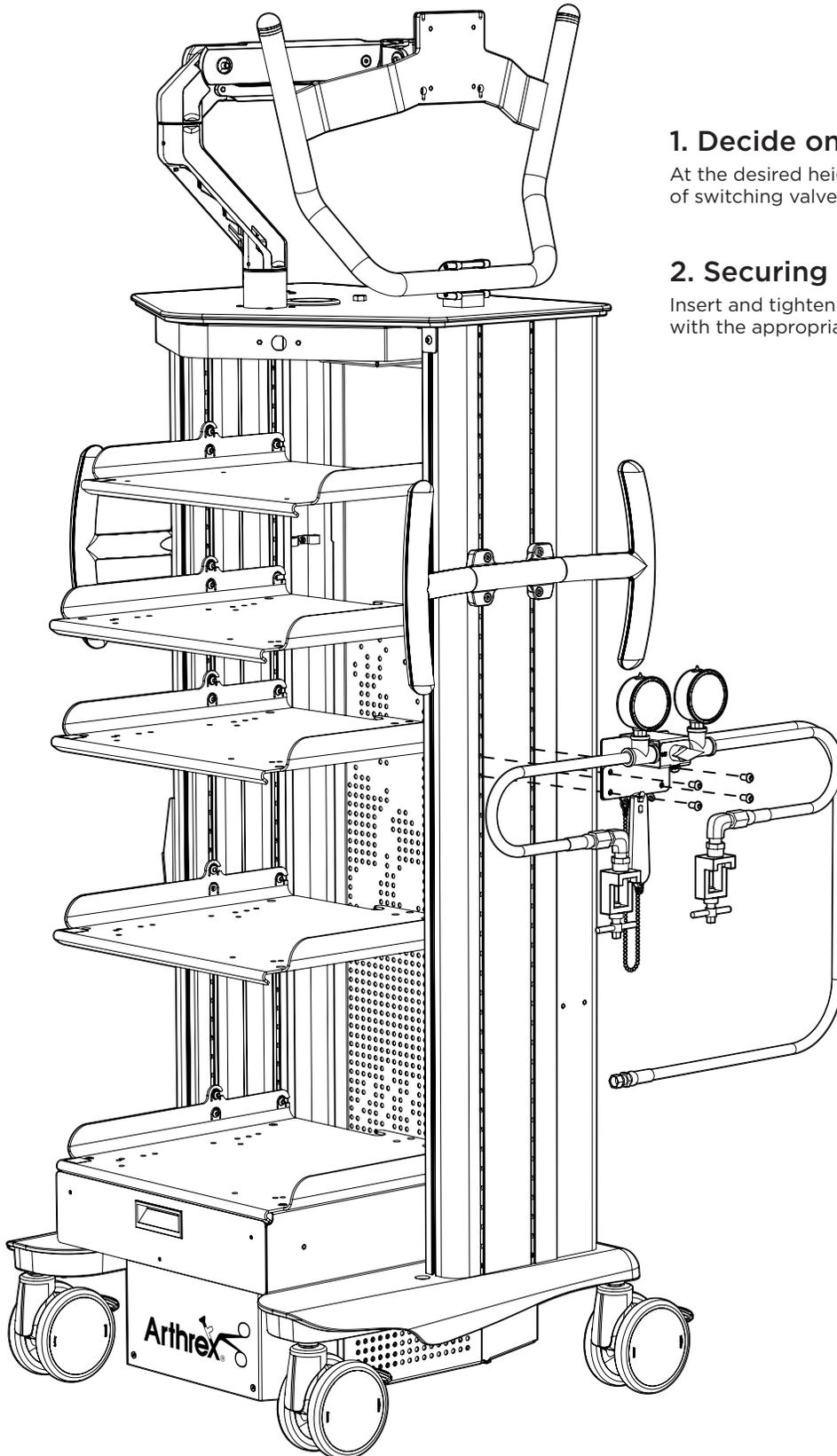
Tighten all 16 nuts on both doors.

6. Replacing the Door Magnets:

There are 3 door magnets one located at the top and two at the bottom of the cart where the doors come together. The door magnet is held down with 2 screw. Remove the screw to replace them.



Attaching Switching Valve



1. Decide on Location:

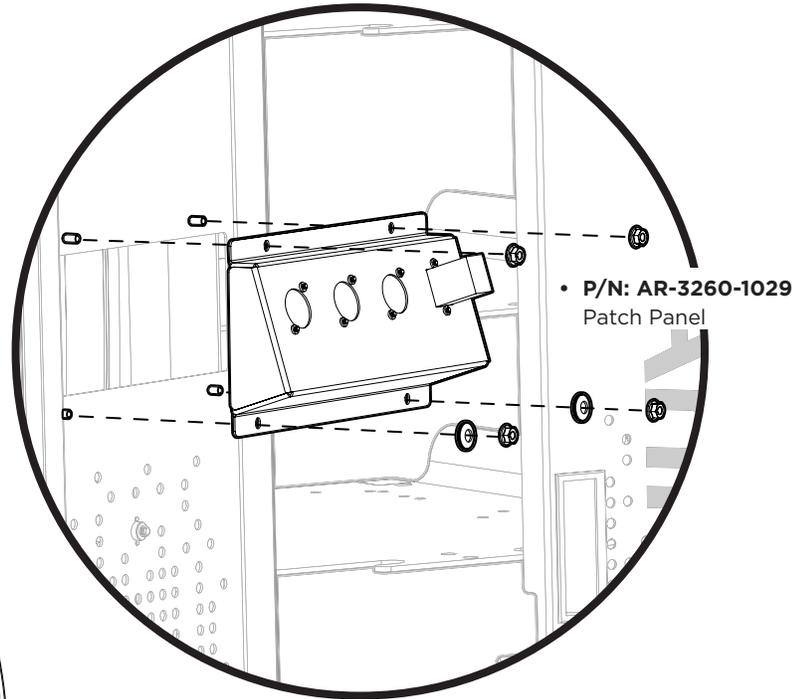
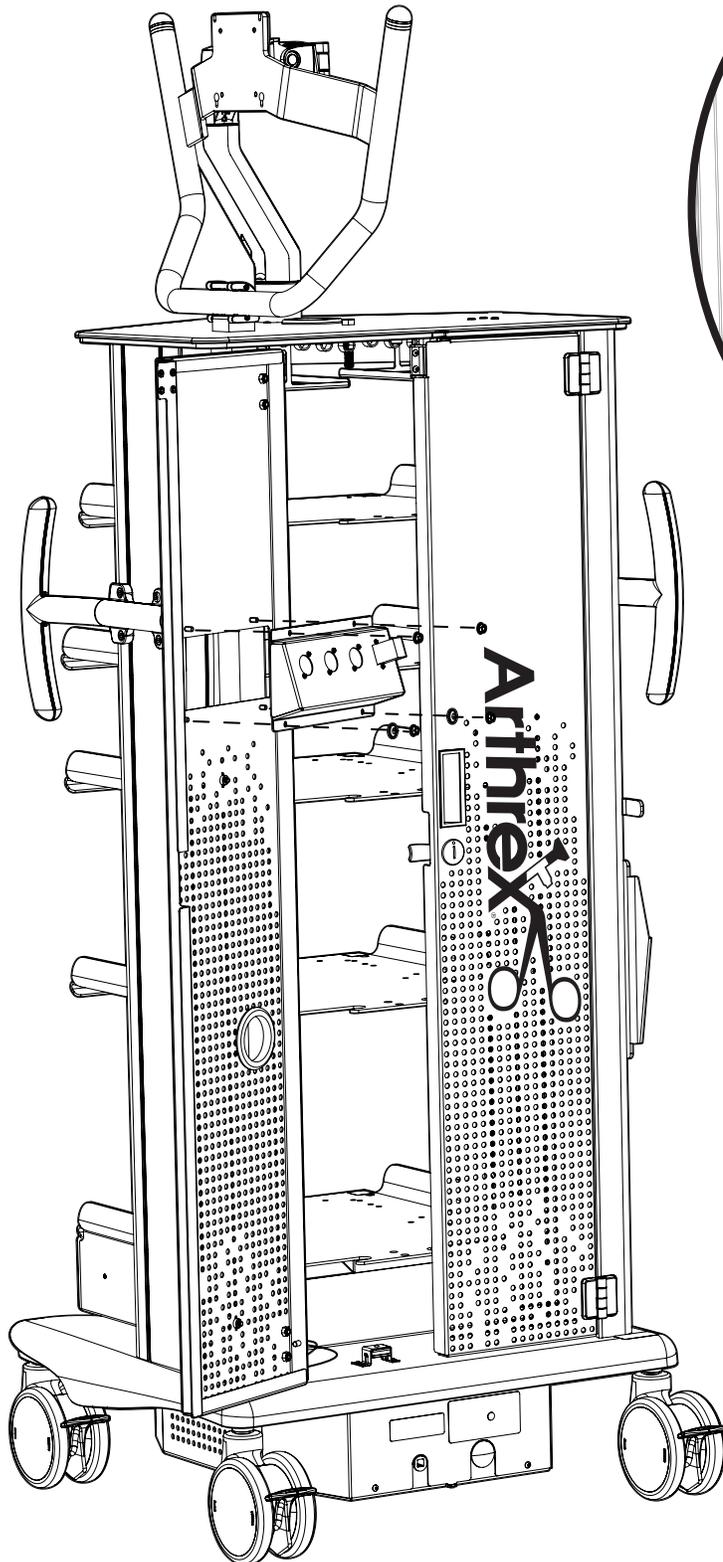
At the desired height, line up the pre-drilled screw holes of switching valve with the Channel Nut system.

2. Securing Switching Valve:

Insert and tighten the associated screws with the appropriate Allen key provided.

- **P/N: AR-3260-1026**
Dual Yoke CO2 Switching Valve
(includes: AR-3260-1027 Hardware Kit)
- **P/N: AR-3260-1027**
Hardware Kit

Replacing Patch Panel



Patch Panel is held on by four nuts to the back side of a door. Note the to lower nuts have grounding washers.

1. Remove Patch Panel:

Remove the four screws located behind the door.

2. Attaching Patch Panel:

Insert Patch Panel over the 4 studs that are on the back of the door. Put the 2 grounding washers over the lower two studs then the 4 nuts onto the 4 studs. Tighten the 4 nuts.

Replacing Transformers/Housing

1. Remove Backplate:

Remove two screws to remove back housing allowing access to the power strip located at rear of the cart base.

2. Unplug all Cables:

Unplug all the cables that are plugged into the transformer. Leaving the cables in the cable restraint.

3. Remove Front plate:

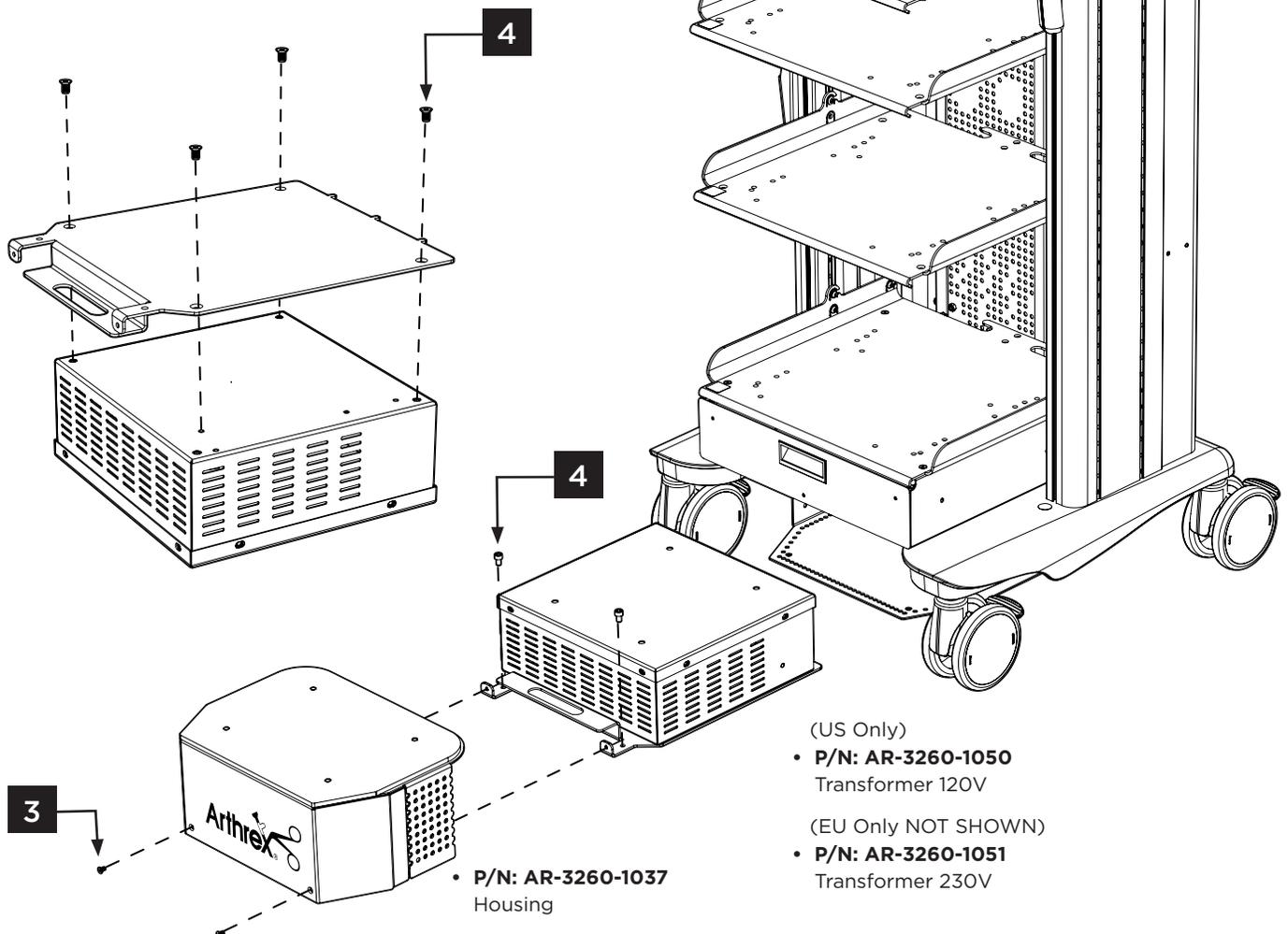
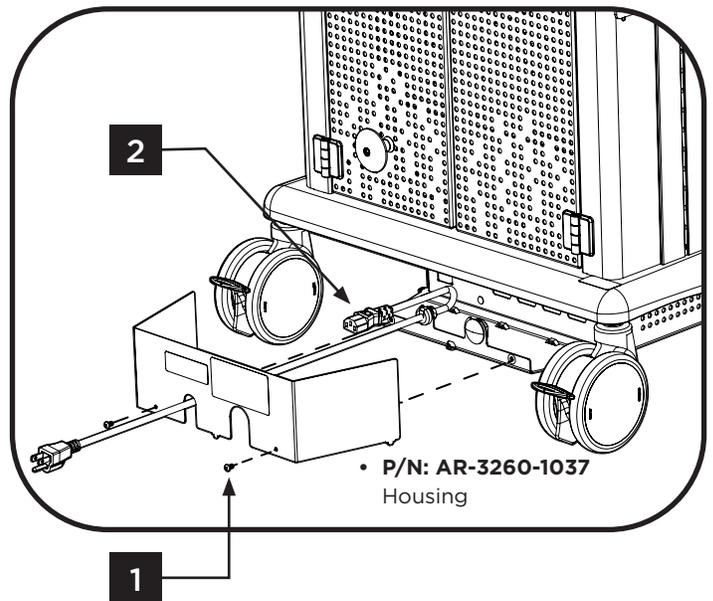
Remove two screws to remove front housing allowing access to transformer tray.

4. Remove Transformer:

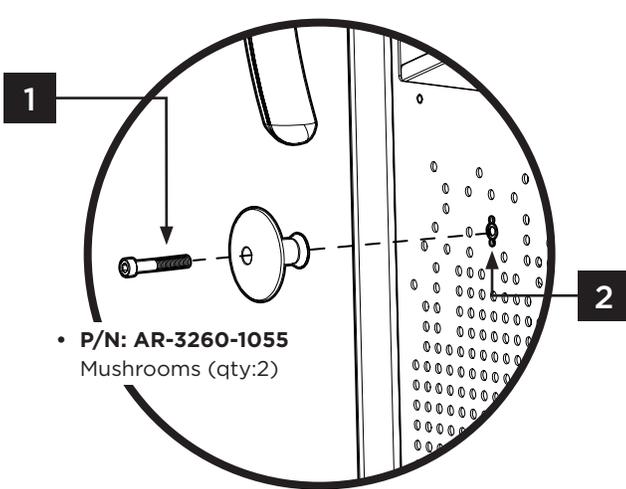
Remove two screws to slide the tray holding the transformer out. With the tray out you can flip the transformer over and remove the four screws that hold it to the tray.

5. Install new Transformer:

Follow the instructions in reverse to install the new transformer.



Attaching/Replacing a Mushroom Cordwrap



Each Mushroom Cordwrap is held on by one screw.

1. Remove the Mushroom:

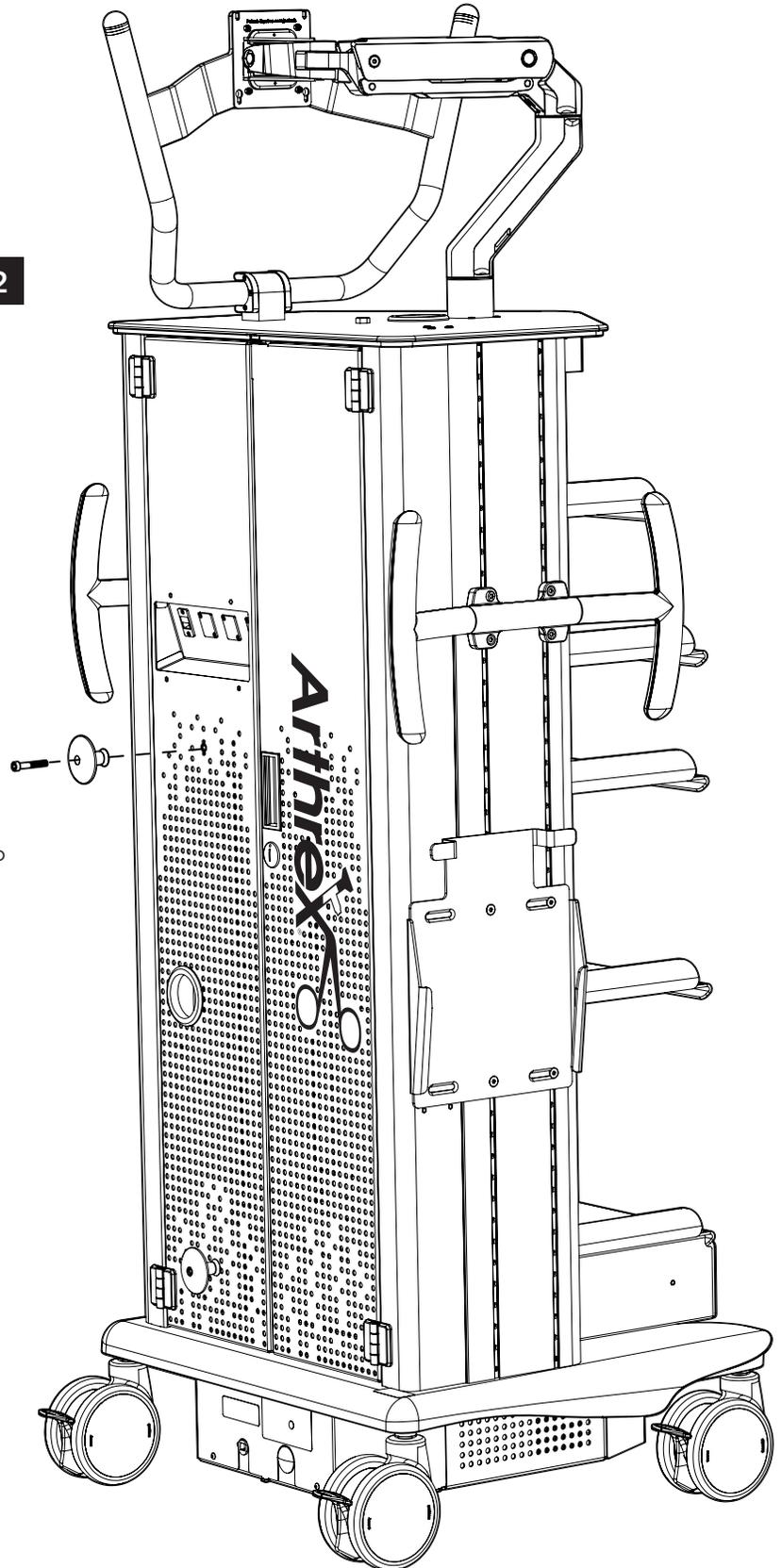
Locate the screw that attaches the Mushroom to the door and remove them making sure to hold on to the Mushroom while removing.

2. Replacement of Mushroom:

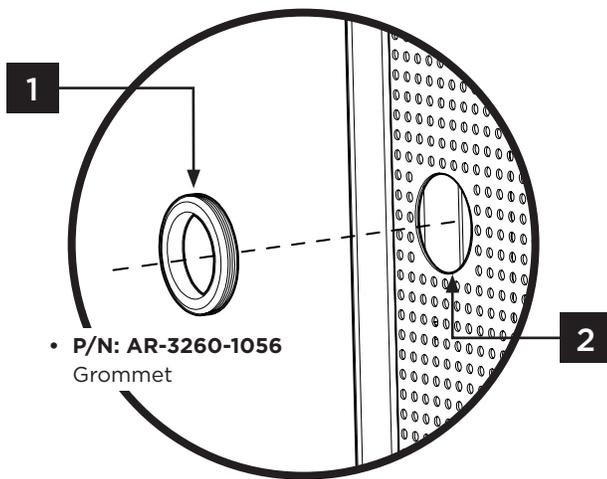
Install the Mushroom with the screw aligning the post to the screw hole.

3. Secure Mushroom:

Tighten the screw. Note the Mushroom should not rotate.



Attaching/Replacing a Grommet



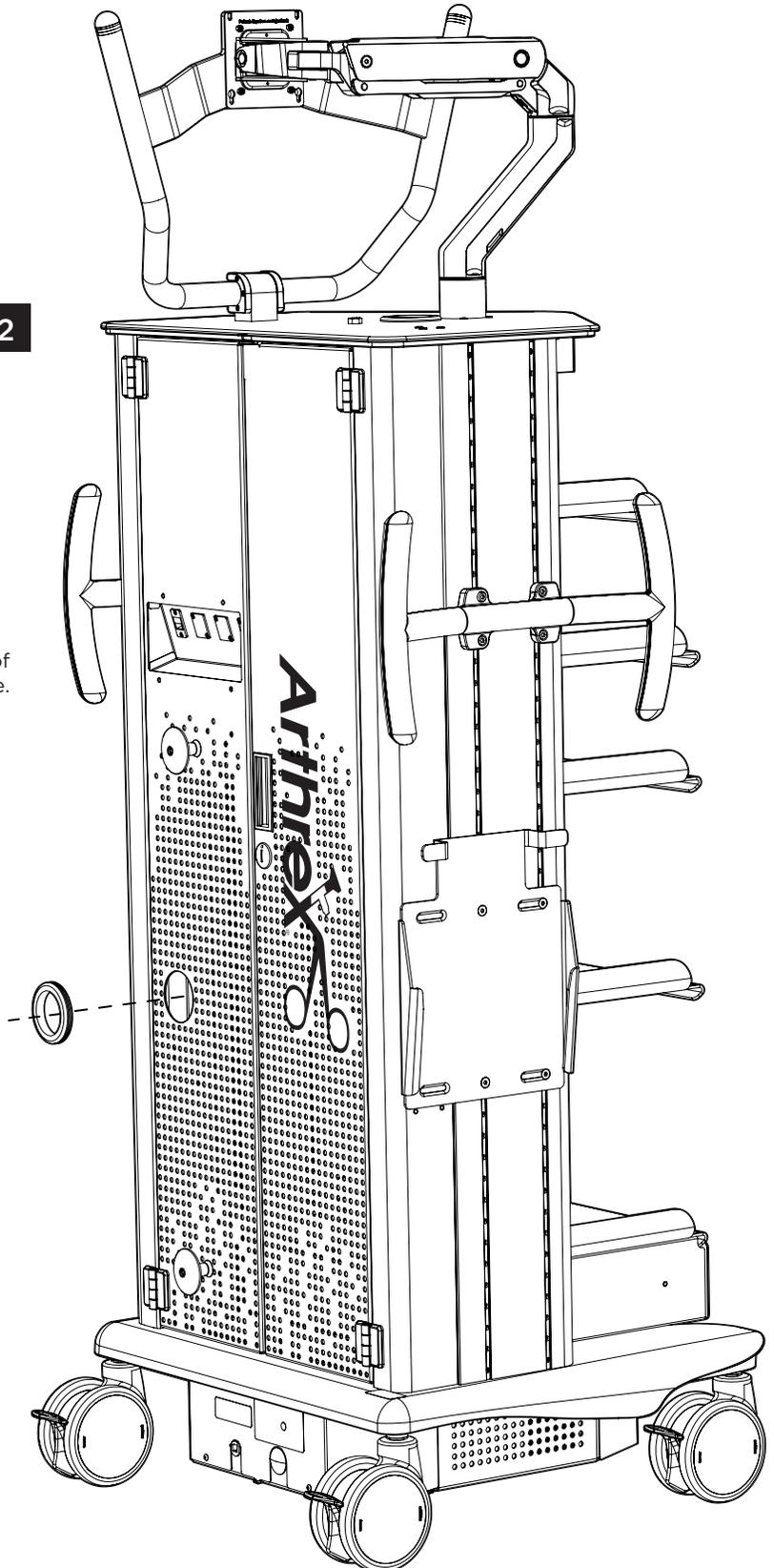
Each Grommet is snapped in.

1. Remove the Grommet:

Grab grommet by inside edge and pull toward center of hole to remove. The grommet will bend out of the hole.

2. Replacement of Grommet:

Install the grommet by inserting the groove on the grommet over the edge of the hole. The grommet should cover the edge of the hole all the way around.



Touch-Up Paint

Three pack of touch-up paint available for nicks and scratches.

- **P/N: AR-3260-1036**
3 pack of paint (light gray, dark gray, and black)

