

Installation Instructions and Maintenance Manual Side to Side Monitor (SSM) Arm

For Philips Sets:

PH-SSM-253-M-00 | PH-SSM-053-M-00 | PH-SSM-250-M-00 | PH-SSM-250-M-01



Amico

Preface

Important, Please Read Carefully

Thank you for your purchase with Amico Accessories Inc.

This unit is designed for long lasting performance, providing the end user complies with assembly and maintenance procedures. This Instruction Manual is your guide to ensure that you get the best performance out of the equipment. Amico Accessories is not responsible for any damage as a result of (but not limited to) abuse and other problems that may be a direct or indirect result of failure to comply with the instructions provided in this manual.

Please note these key words and symbols:

Symbol	Signal Word	Level of Hazard
	WARNING	Indicates a potentially hazardous situation which, if not avoid, could result in death or serious injury.
	NOTE	Follow operating instructions.

Medical Facility Responsibilities

Preventive maintenance checks must be performed regularly to maintain the quality and performance of this product. Any parts that may be broken, missing, worn, distorted, or contaminated in any way should not be used and all affected parts should be replaced immediately. Should the necessity of any repair be suspected; please contact your local distributor or call 1-877-264-2697.

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Section 1: Installation Preparation

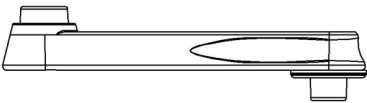
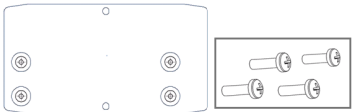
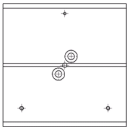
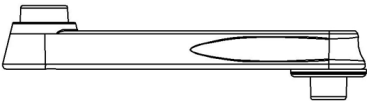
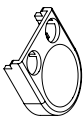
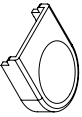
Installation Tools Requirements

The following table lists all the tools and parts required for installation.

Item	Item number	Quantity
#2 Philips Screwdriver	A1	1
Hex Keys (1/8", 3/16", M3, M4)	A2	1 each
Socket Wrenches (12 mm, 1/2")	A3	1 each
Adjustable Wrench	A4	1
SSM Arm	B1	1
Mounting Adapter/Plate (many options) and Monitor Dependent Hardware Set	B2	1
Mounting Shelf (0-9, W)	B3	1
Cap	B6	1
Lock Nut M8	B5	1
Extension Arm (optional)	B4	1

i NOTE: AMICO DOES NOT PROVIDE ANY DEVICE HARDWARE, NOR THE TOOLS NECESSARY FOR ASSEMBLY (ALL ABOVE IN GREY TEXT).

i NOTE: TOOLS AND THE MONITOR DEPENDENT HARDWARE SET ARE NOT PROVIDED BY AMICO ACCESSORIES INC..

	A	B
1		
2		
3		
4		
5		
6		 OR 

Section 1: Installation Preparation

Pre-installation Information (please read carefully before starting)

-  **WARNING:** VERIFY THAT RAILS HAVE BEEN INSTALLED IN ACCORDANCE WITH AMICO RAIL INSTALLATION INSTRUCTIONS. RAIL FAILURE WITH DEVICES MOUNTED CAN CAUSE SERIOUS INJURY AND EQUIPMENT DAMAGE.
-  **WARNING:** IT IS DANGEROUS TO USE THE ARM FOR WEIGHTS OUTSIDE OF THE RATED RANGE. STRUCTURAL FAILURE AND/OR SERIOUS INJURY COULD RESULT.
-  **WARNING:** DO NOT POSITION THE SSM MONITOR ARM ABOVE A PATIENT.
-  **WARNING:** IT SHALL BE THE RESPONSIBILITY OF THE HOSPITAL, ITS CONSULTANTS AND/OR CONTRACTORS TO DETERMINE IF THE WALL IS ADEQUATE TO SAFELY MOUNT THE SPECIFIC INSTRUMENT. THIS INCLUDES THE SELECTION OF APPROPRIATE FASTENERS AND THE PROPER INSTALLATION OF EQUIPMENT, REGARDLESS OF WHAT IS SUPPLIED WITH YOUR SSM MONITOR ARM. SEE RAIL INSTRUCTIONS FOR SPECIFIC WALL CHANNEL GUIDELINE INFORMATION.
-  **WARNING:** VERIFY THE WEIGHT OF THE DEVICE TO BE MOUNTED. SINGLE ARM SSM MONITOR ARMS ARE RATED FOR 30 LBS (13.6 KG), DUAL ARM SSM MONITOR ARMS ARE RATED FOR 15 LBS (6.8 KG). PLEASE REFER TO WEIGHT RATING LABEL, LOCATED EITHER ON THE TOP OR BOTTOM OF THE ARM ASSEMBLY, DEPENDING ON THE MODEL. CHECK THAT THE DEVICE TO BE MOUNTED DOES NOT EXCEED THE WEIGHT RATING. SERIOUS INJURY AND DAMAGE TO THE ARM CAN OCCUR AS A RESULT OF OVERLOADING THE ARM ASSEMBLY.

For installation on non-Amico rails, ensure the rail is safe for the application.

If you are unsure about any part of the installation process or product use, please contact an Amico Accessories product Specialist:
1-877-264-2697

Considerable efforts have been made to ensure the safety of your hospital staff and your patients. The installation itself is beyond the control of Amico Accessories. Accordingly, Amico Accessories will not be responsible for failure related to the installation of the product.

Have a product question? Give us a call at: 1-877-264-2697.

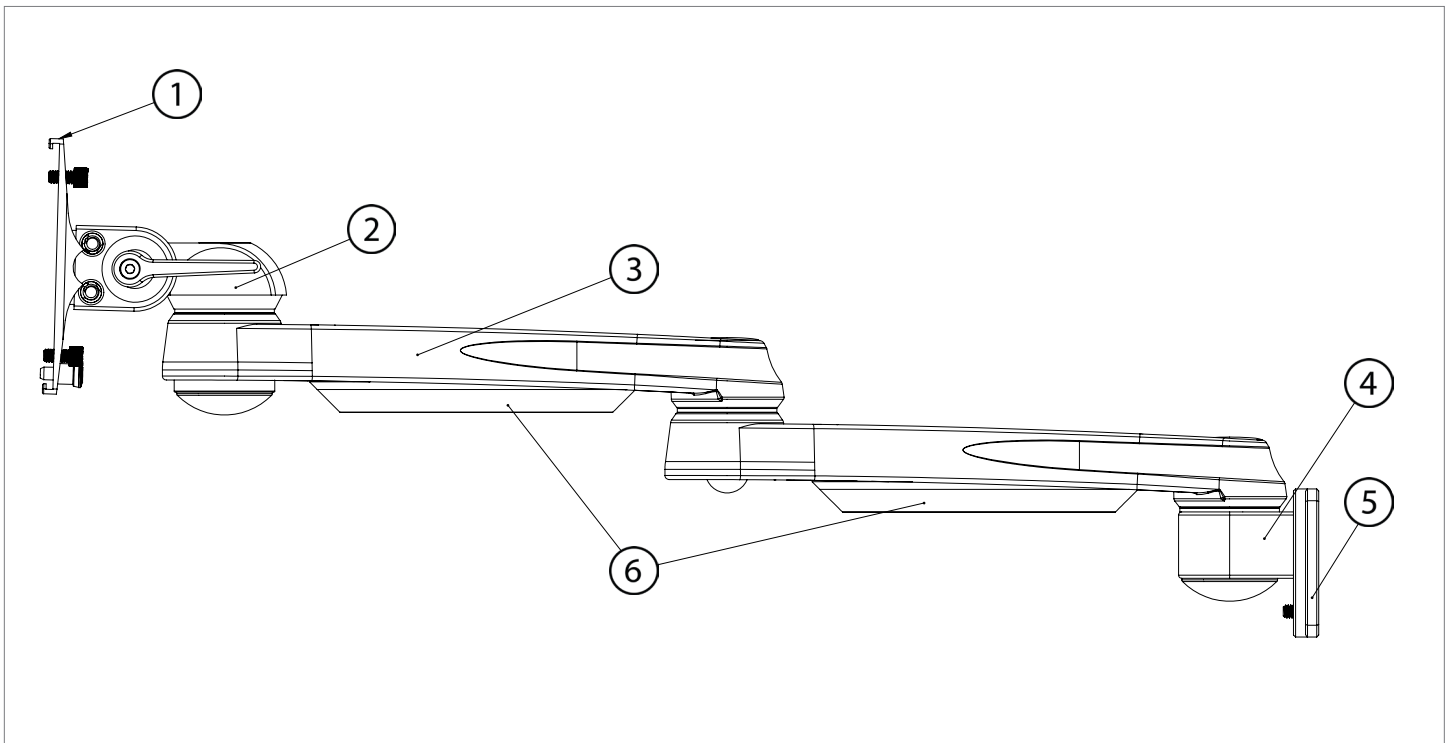
Section 1: Installation Preparation

Typical Installation Reference for SSM

The diagram below illustrates the components referenced in relation to one another in the installation of the SSM Monitor Arm. Please follow the instructions outlined herein to ensure proper installation.

SSM Monitor Arm

1. **Monitor Mounting Adapter**
Shelf Mount shown, other options available
2. **Monitor Head - Rotation**
Monitor rotation adjustment
3. **SSM Arm**
Dual 12" SSM Arm shown, other options available
4. **Swivel Joint**
Allows pivoting of the SSM Arm/Monitor Head
5. **Mounting Adapter**
Adapter for the MRS Rail
6. **Cable Management**
Manages the cables of the monitor for better organization



Section 2: Installation on Rail Systems

Mounting to the MRS (Monitor Rail System)

WARNING: DO NOT ATTEMPT TO MOUNT/REMOVE THE **ARM** FROM THE RAIL WHEN LOADED WITH ANY INSTRUMENT.

WARNING: SUPPORT **SSM ARM** UNTIL THE **SET SCREWS** ARE TIGHTENED, **SSM ARM** CAN SLIDE DOWN WHEN **SET SCREWS** ARE NOT TIGHTENED.

NOTE: TOP AND BOTTOM **STOPPERS** PREVENT THE ADAPTER FROM SLIDING OUT OF THE **MRS RAIL**. TO REMOVE, THE **MRS RAIL ADAPTER** MUST BE REMOVED FROM THE TOP WITH THE **TOP STOPPER** PRESSED INTO THE **MRS RAIL** (FIGURE 3).

NOTE: TO SLIDE THE **ARM** VERTICALLY IN THE **CHANNEL**, LIFT THE **ARM** NEAR THE MONITOR AND PUSH UP OR DOWN AT THE **ADAPTER** (FIGURE 2).

1. Support the bottom of the **SSM ARM** with one hand, guide the **MRS RAIL ADAPTER** into the top of the **MRS RAIL** (Figure 2).
2. Once the **SSM ARM** is at the desired height, tighten the **2x SET SCREWS** located at the bottom of the **MRS RAIL ADAPTER** using a **1/8" (3 mm) HEX KEY**. DO NOT release the **SSM ARM** until the **2x SET SCREWS** are tight. The **SSM ARM** may slide down the **RAIL** if the **SET SCREWS** are not tightened.

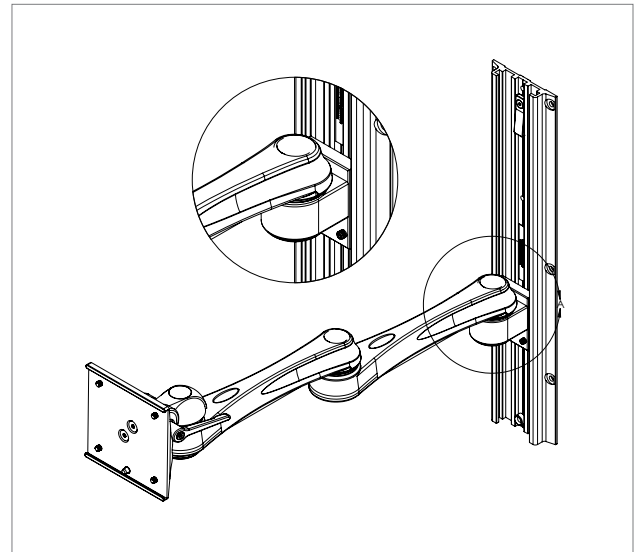


Figure 1

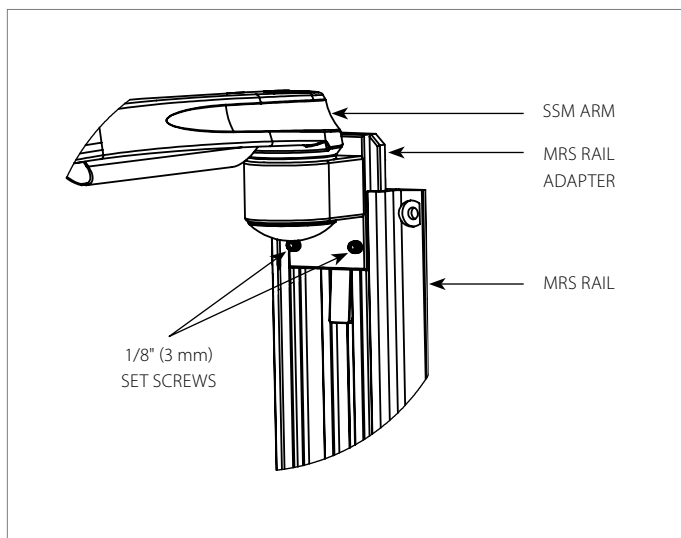


Figure 2

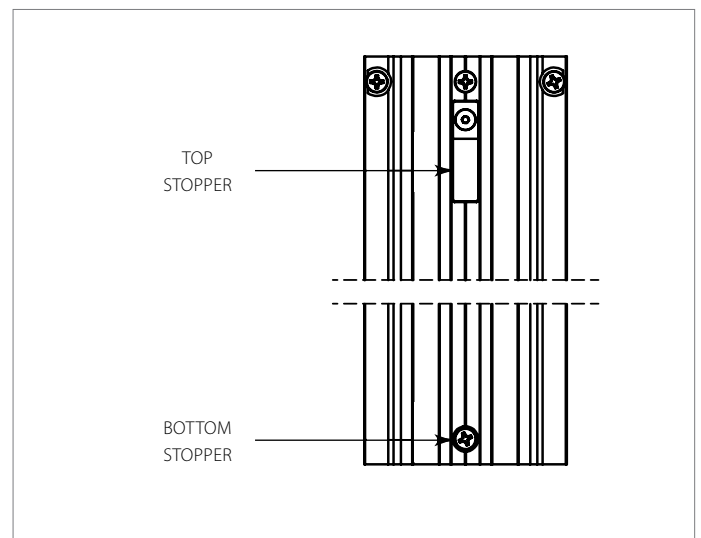


Figure 3

Section 3: Monitor Installation

Monitor Mounting

WARNING: ENSURE THE *MONITOR SHELVES/PLATES* PROVIDED BY AMICO ACCESSORIES INC. OR OTHER MANUFACTURERS ARE ASSEMBLED AS DIRECTED AND MATCH THE SHELF REQUIREMENT. IF A *MONITOR SHELF/PLATE* DOES NOT MATCH THE REQUIREMENT, PLEASE CONTACT AMICO ACCESSORIES INC. AT 1-877-264-2697.

NOTE: AMICO ACCESSORIES INC. CARRIES A VARIETY OF *MOUNTING SHELVES* AND *ADAPTERS* THAT ATTACH TO THE *SSM ARM*. VIEW THE SSM MATRIX ON **PAGE 21** FOR MORE INFORMATION.

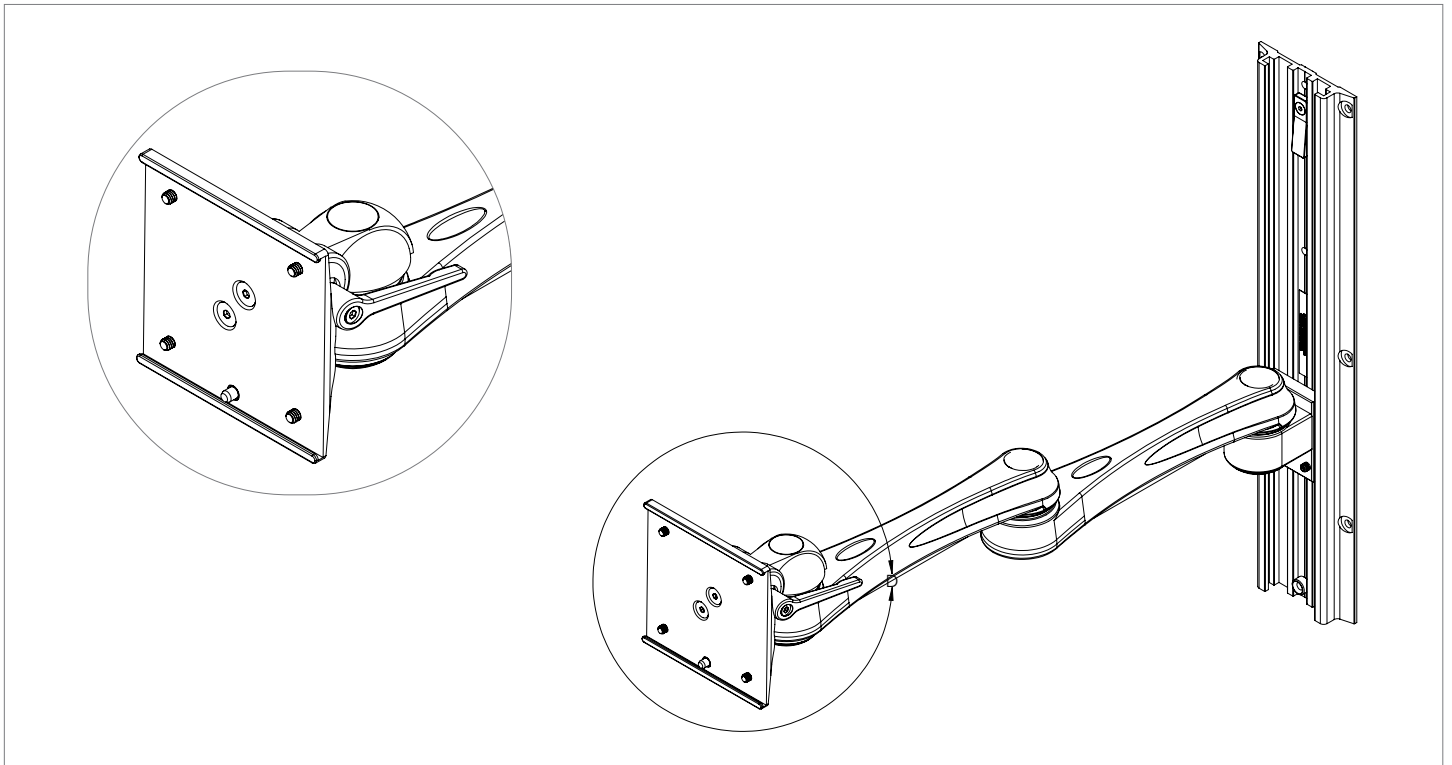


Figure 1

Section 3: Monitor Installation

Monitor Shelf: 5" (127 mm) Top Mount

Philips Efficia CM10/12/100/120/150, & EarlyVue VS30

WARNING: ENSURE THE *MOUNTING SHELF* IS SECURELY LOCKED AND HORIZONTAL TO PREVENT THE MONITOR FROM SLIDING AND FALLING.

NOTE: THE *LOCKING PIN* CAN BE LOCKED IN THE OPEN POSITION BY PULLING AND TWISTING IT.

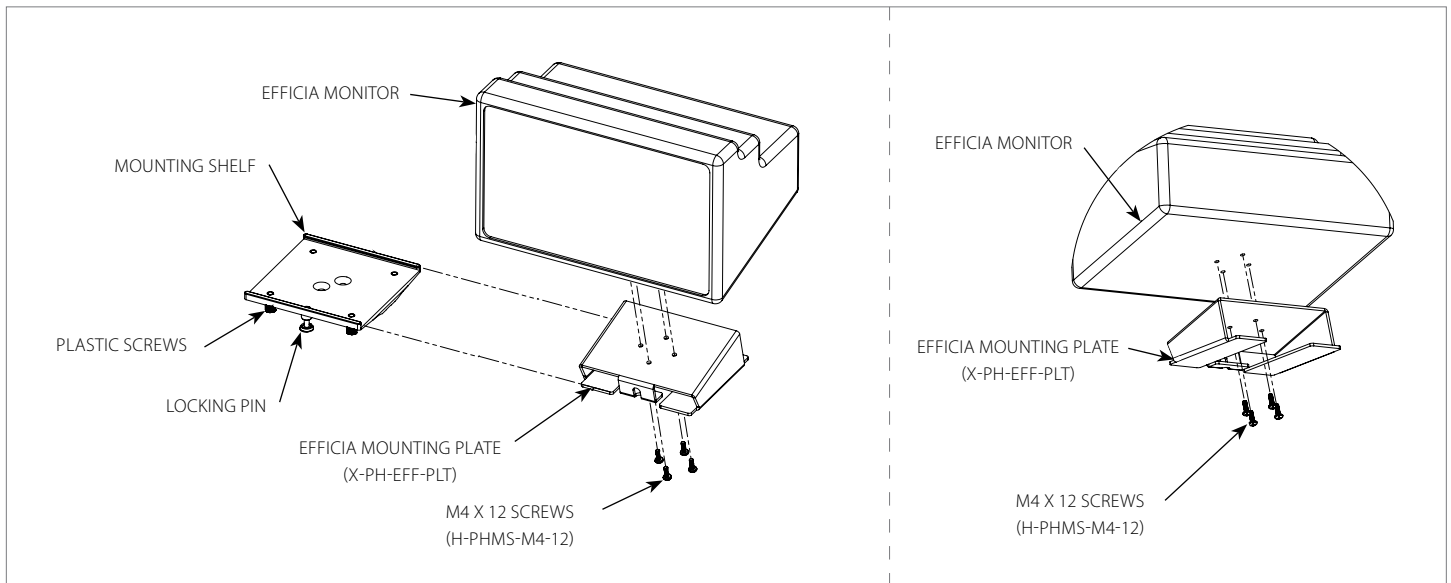


Figure 1

1. First install the *EFFICIA MOUNTING PLATE* to the *EFFICIA MONITOR* with 4x *M4 SCREWS* (Figure 1).
2. Loosen the 4x *PLASTIC SCREWS* on the bottom side of the *MOUNTING SHELF*. Pull down on the *LOCKING PIN* at the bottom of the *MOUNTING SHELF* and twist it to keep it open. Slide the *EFFICIA MOUNTING PLATE* laterally onto the *MOUNTING SHELF* until the *LOCKING PIN* aligns with the clearance hole at the front of the *EFFICIA MOUNTING PLATE* (Figure 2).
3. Release the *LOCKING PIN* and tighten the *PLASTIC SCREWS* by hand (Figure 3).

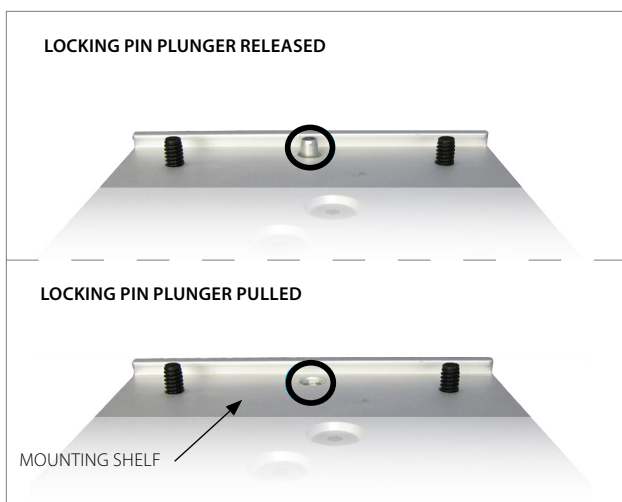


Figure 2

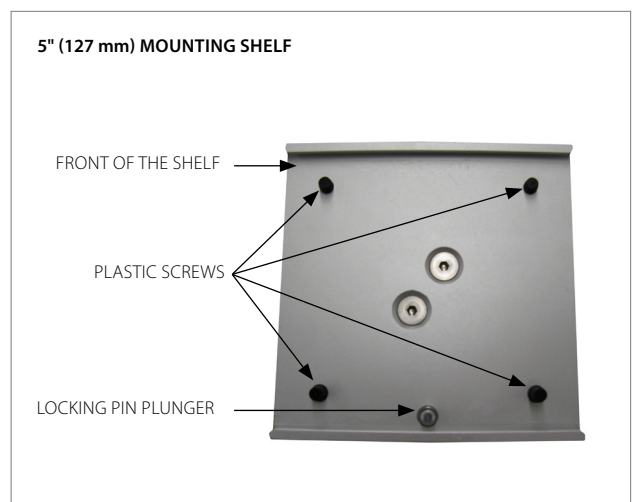


Figure 3

Section 3: Monitor Installation

Philips PM6100/PM6300/PM6500 Series

WARNING: ENSURE THE **MOUNTING SHELF** IS SECURELY LOCKED AND HORIZONTAL TO PREVENT THE MONITOR FROM SLIDING AND FALLING.

NOTE: THE **LOCKING PIN** CAN BE LOCKED IN THE OPEN POSITION BY PULLING AND TWISTING IT.

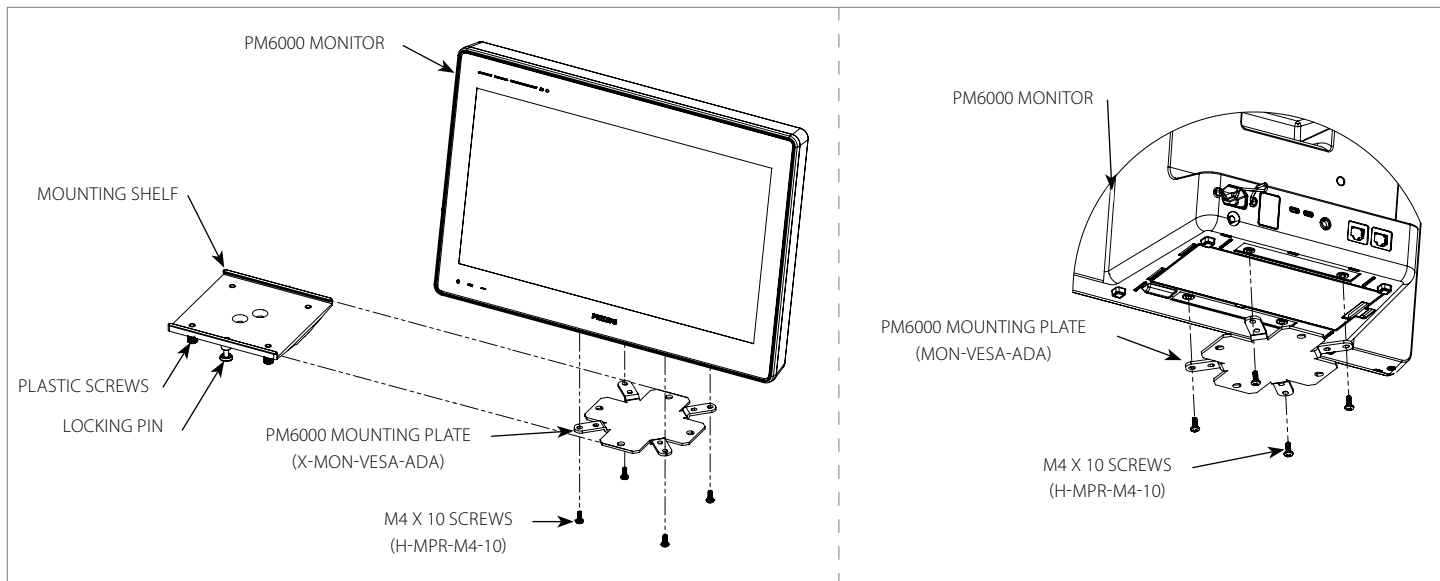


Figure 1

1. First install the **PM6000 MOUNTING PLATE** to the **PM6000 MONITOR** with **4x M4 SCREWS** (Figure 1).
2. Loosen the **4x PLASTIC SCREWS** on the bottom side of the **MOUNTING SHELF**. Pull down on the **LOCKING PIN** at the bottom of the **MOUNTING SHELF** and twist it to keep it open. Slide the **PM6000 MOUNTING PLATE** laterally onto the **MOUNTING SHELF** until the **LOCKING PIN** aligns with the clearance hole at the front of the **PM6000 MOUNTING PLATE** (Figure 2).
3. Release the **LOCKING PIN** and tighten the **PLASTIC SCREWS** by hand (Figure 3).

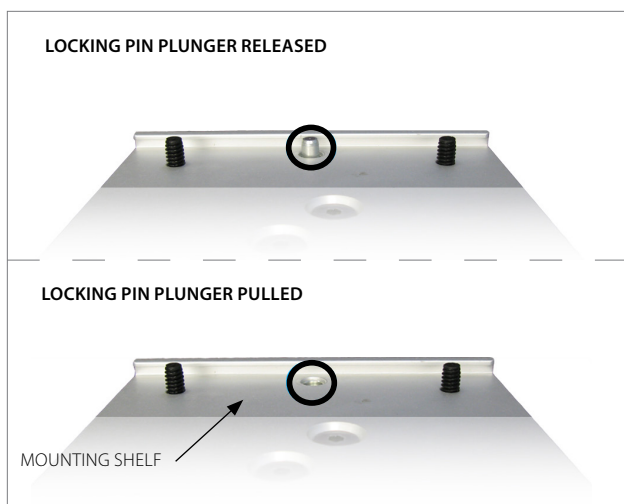


Figure 2

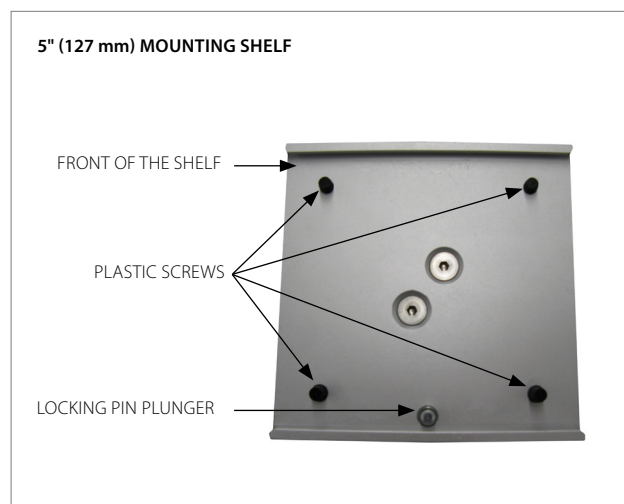


Figure 3

Section 3: Monitor Installation

Monitor Shelf: 5" (127 mm) Back Mount Philips MX100/IntelliVue X3

WARNING: ENSURE THE **MOUNTING SHELF** IS SECURELY LOCKED AND HORIZONTAL TO PREVENT THE MONITOR FROM SLIDING AND FALLING.

NOTE: THE **LOCKING PIN** CAN BE LOCKED IN THE OPEN POSITION BY PULLING AND TWISTING IT.

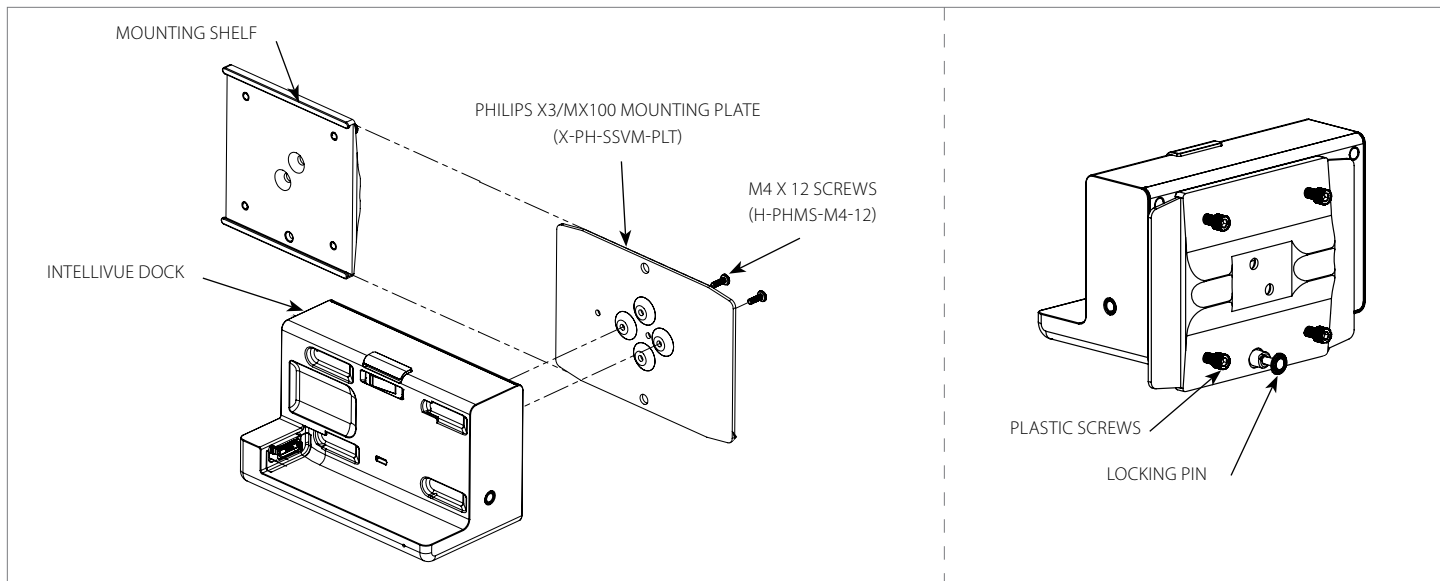


Figure 1

1. First install the **PHILIPS X3/MX100 MOUNTING PLATE** to the **INTELLIVUE DOCK** with **4x M4 SCREWS** (Figure 1).
2. Loosen the **4x PLASTIC SCREWS** on the bottom side of the **MOUNTING SHELF**. Pull down on the **LOCKING PIN** at the bottom of the **MOUNTING SHELF** and twist it to keep it open. Slide the **PHILIPS X3/MX100 MOUNTING PLATE** laterally onto the **MOUNTING SHELF** until the **LOCKING PIN** aligns with the clearance hole at the front of the **MX100 MOUNTING PLATE** (Figure 2).
3. Release the **LOCKING PIN** and tighten the **PLASTIC SCREWS** by hand (Figure 3).

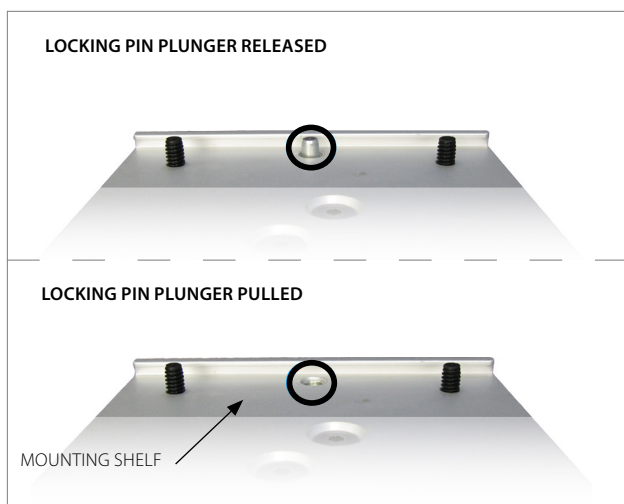


Figure 2

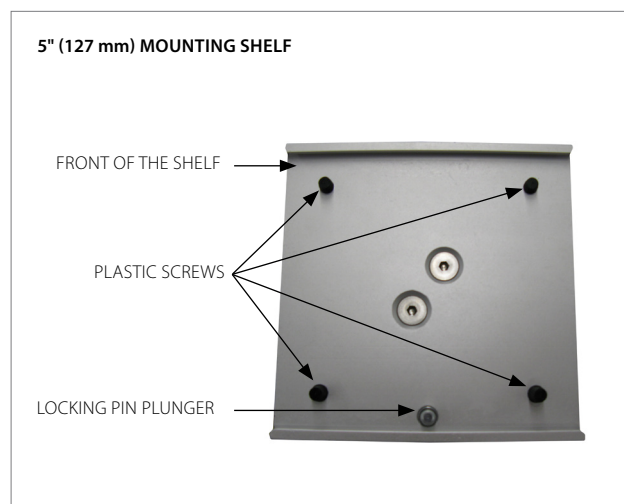


Figure 3

Section 3: Monitor Installation

Monitor Shelf: Philips IntelliVue

MP5/MX400/MX450/MX500/MX550/MX600/MX700/MX750/MX800/MX850

WARNING: ENSURE THE **MOUNTING SHELF** IS FIRMLY LOCKED AND HORIZONTAL TO PREVENT THE MONITOR FROM SLIDING AND FALLING.

NOTE: PHILIPS RECOMMENDS A MAXIMUM TILT OF 15°.

NOTE: IT IS RECOMMENDED TO USE **M6 X 20 MM SCREWS** WITH THREAD LOCKER OR PATCHED SCREWS IN ORDER TO ELIMINATE POSSIBLE LOOSENING.

1. Attach the **PHILIPS TABLE TOP MOUNT** (not supplied by Amico) to the **MOUNTING SHELF** by securing the **3x M6 SCREWS** through the shelf (Figure 1).
2. Place the monitor to the table top mount until it clicks (Figure 2).
3. Tilt the monitor to the desired angle and lock the position using the **TILT ADJUSTMENT HANDLE** (Figure 3).
4. Adjust the tension as needed by tightening the **2x TILT TENSION SCREWS** using a **1/4" ALLEN KEY** (Figure 4).

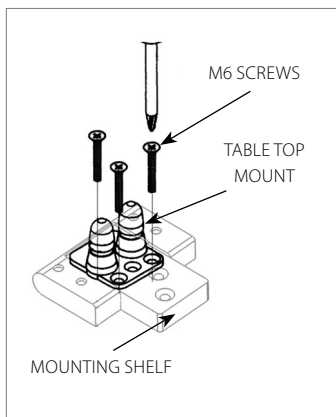


Figure 1

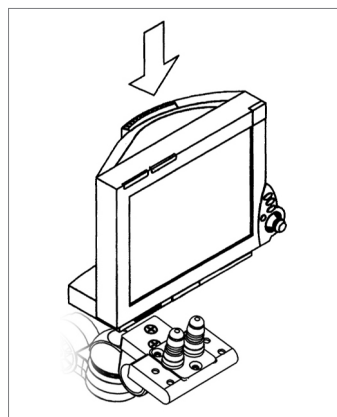


Figure 2

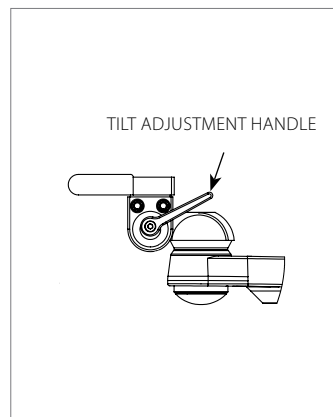


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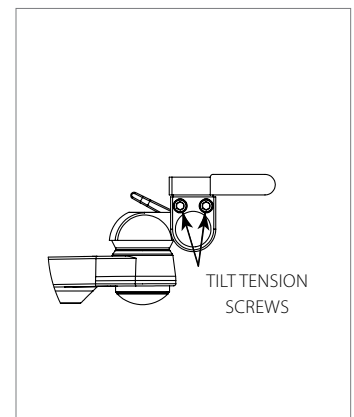


Figure 4

Accessory Shelf: Disc

NOTE: IT IS POSSIBLE TO ATTACH ACCESSORIES TO THE BOTTOM SIDE OF THE **SSM ARM** (FIGURE 1).

NOTE: AMICO ACCESSORIES INC. CARRIES A VARIETY OF DIFFERENT ACCESSORIES THAT ATTACH TO THE HEAD OF THE **SSM ARM**.



Figure 1

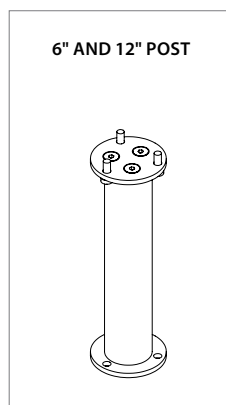


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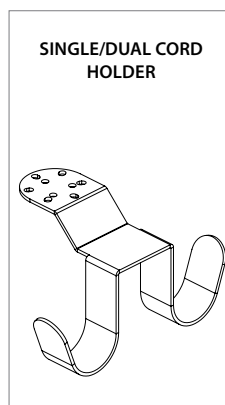


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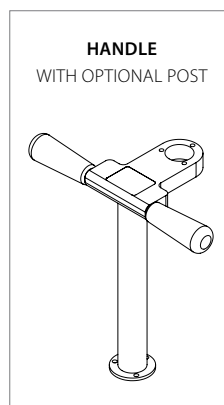


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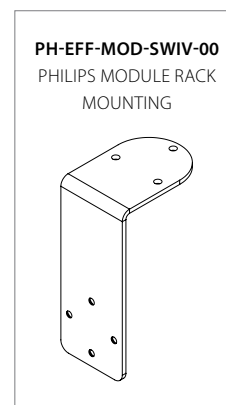


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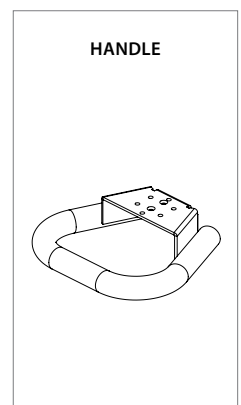


Figure 6

Section 4: Adjustments

Rotation (SSM Side To Side)

WARNING: BOTH *ARMS* HAVE A 180° ROTATION. ENSURE PROPER CLEARANCE AROUND THE *ARM(S)* TO AVOID COLLISION.

NOTE: IF THE *ARM* BECOMES DIFFICULT TO ROTATE, OR TOO LOOSE, PLEASE CONTACT AMICO ACCESSORIES INC.: 1-877- 264-2697.

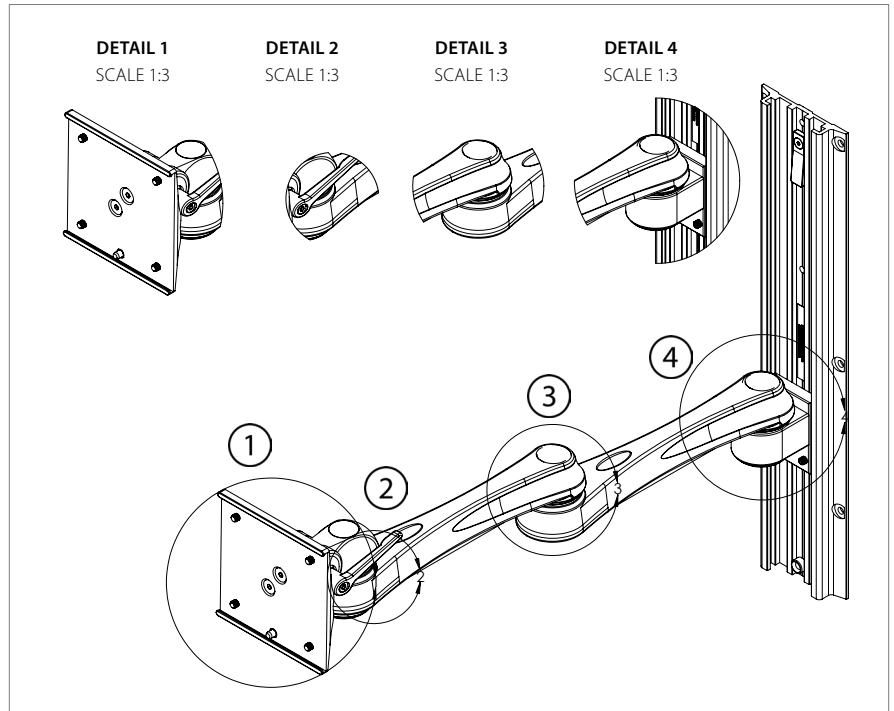


Figure 1

Single Arm Rotation

To rotate the *ARM*, simply push on the side of the *ARM* or the mounted monitor in the direction desired (Figure 1).

Dual Arm Rotation

To rotate at the end point (near wall), push on the side of the *EXTENSION ARM*, near the mid-way point (Figure 2). To rotate at the midway point, hold the *EXTENSION ARM* with one hand and push on the side of the *SSM ARM* with the mounted monitor in the direction desired (Figure 3).

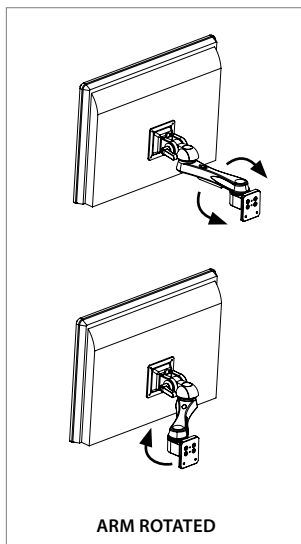


Figure 1

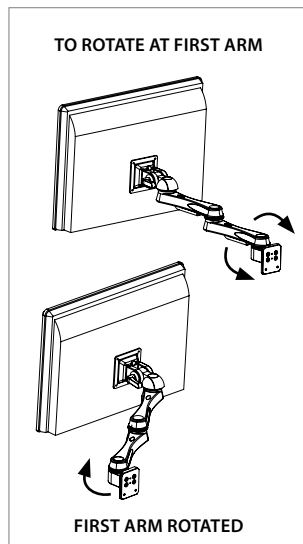


Figure 2

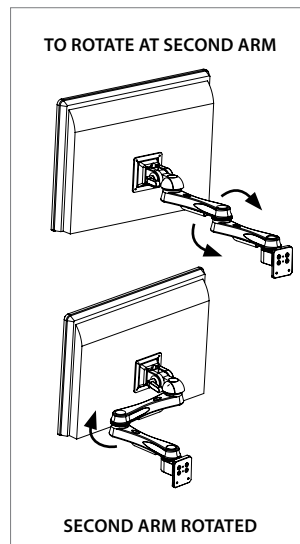


Figure 3



Figure 4

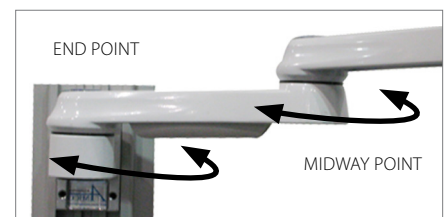


Figure 5

Section 4: Adjustments

Monitor Tilt

-  **WARNING:** ALWAYS SUPPORT THE MONITOR IF ADJUSTING THE TILT ANGLE WHILE A MONITOR IS MOUNTED.
-  **WARNING:** FOR HEAVIER MONITORS, IT IS STRONGLY RECOMMENDED TO CHECK WHETHER THE *TILT ADJUSTMENT LEVER* IS TIGHTENED TO THE TIGHTEST POSITION WHILE THE MONITOR IS ATTACHED. IF THE *ADJUSTMENT LEVER* CANNOT BE TIGHTENED ENOUGH TO SECURE THE MONITOR IN PLACE, PROCEED TO **STEP 3**.
-  **WARNING:** DO NOT ADJUST TILT ANGLE WITHOUT FIRST LOOSENING THE *TILT ADJUSTMENT LEVER*.
-  **NOTE:** TILT ANGLE SETTING IS ONLY ACHIEVED BY TIGHTENING THE *TILT ADJUSTMENT LEVER*. DO NOT TIGHTEN NUTS ADJACENT TO THE *TILT ADJUSTMENT LEVER*.

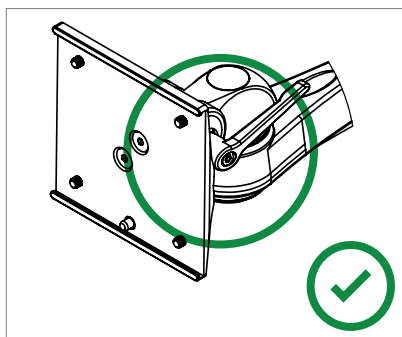


Figure 1

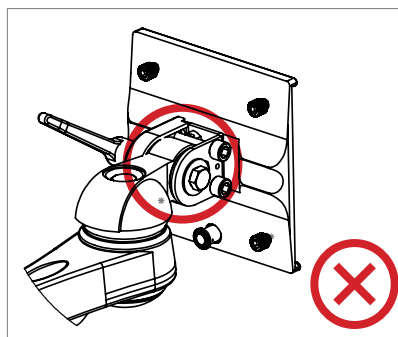


Figure 2

Tools

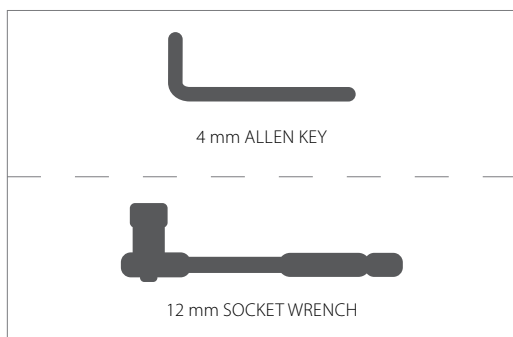


Figure 1

Reference

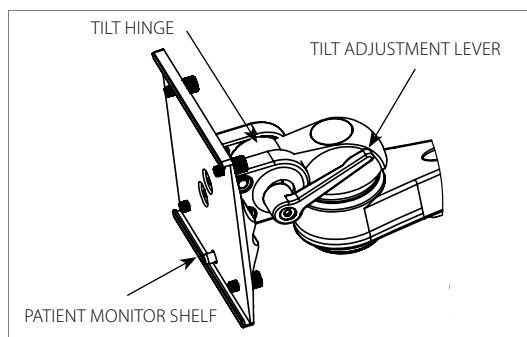


Figure 1

1. To tighten the *TILT HINGE* (in order to set the desired tilt angle), turn the *TILT ADJUSTMENT LEVER* clockwise (turning the *LEVER* counter-clockwise will enable tilt movement).

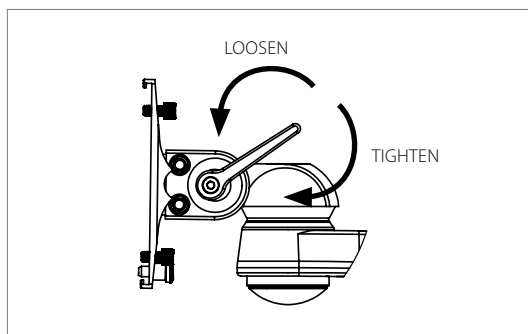


Figure 1

Section 4: Adjustments

2. A sufficient level of tightness may not be achieved by the time the **TILT ADJUSTMENT LEVER** touches the back of the **PATIENT MONITOR SHELF** (Figure 2). If this occurs, pull the **LEVER** away from the **MON HEAD** to disengage the **LEVER** (Figure 3). Turn the **LEVER** counter-clockwise (Figure 4 [1]) to create space for the **LEVER** to further tighten. Push the lever towards the **MON HEAD** (Figure 4 [2]) to re-engage the **LEVER**. Repeat **Step 1** to further tighten the **TILT HINGE**.

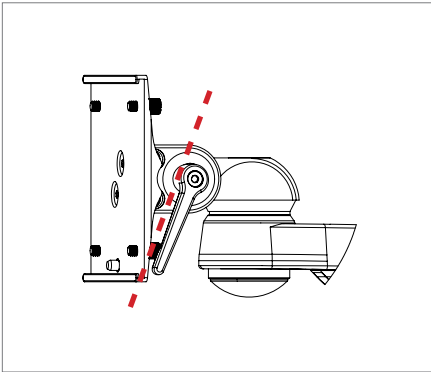


Figure 2

Lever blocked by Patient Monitor Shelf

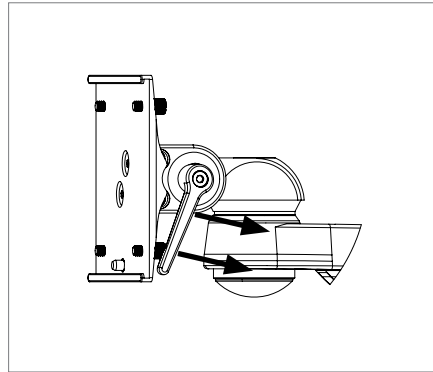


Figure 3

Pull lever AWAY from the MON Head

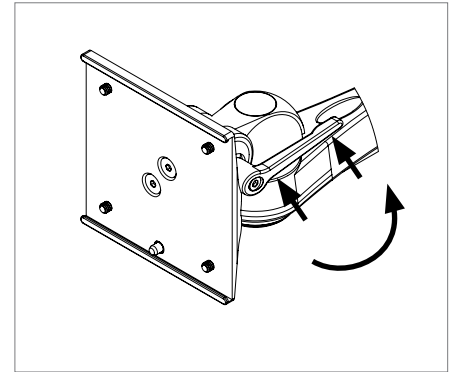


Figure 4

Rotate Lever COUNTER-CLOCKWISE (1) and PUSH (2)

i NOTE: IN SOME INSTANCES (ESPECIALLY WITH HEAVY MONITORS), A SUFFICIENT LEVEL OF TIGHTNESS CANNOT BE ACHIEVED. IF MONITOR TILT ANGLE WILL NOT SET, PROCEED TO STEP 3.

3. If a sufficient level of tightness cannot be achieved, use a **4 mm ALLEN KEY** to loosen the **SCREW** that keeps the **TILT ADJUSTMENT LEVER** in place (Figure 5). Remove the **SCREW** and **SPRING** and **TILT ADJUSTMENT LEVER** (Figure 6) to reveal the **12 mm HEX NUT** (Figure 7).

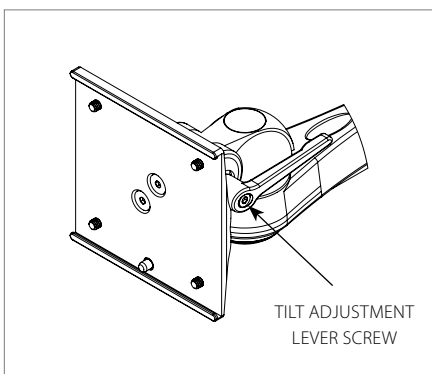


Figure 5

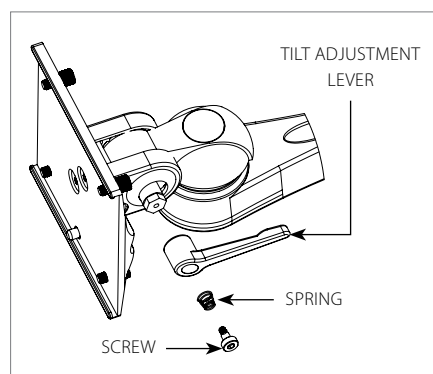


Figure 6

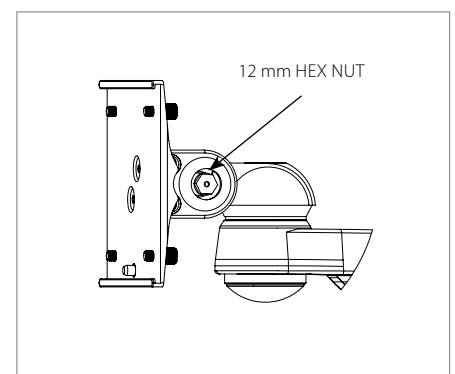


Figure 7

4. Turn the **12 mm HEX NUT** clockwise using a **12 mm SOCKET WRENCH** to tighten.
5. Check that the tilt angle is secure by grasping the **MOUNTING SHELF** and trying to adjust the tilt.

Section 4: Adjustments

Optional Steps

1. If additional tilt tension is desired, tighten the 2x **TILT TENSION SCREWS** using a 1/4" **ALLEN KEY** (Figures 8 & 9).

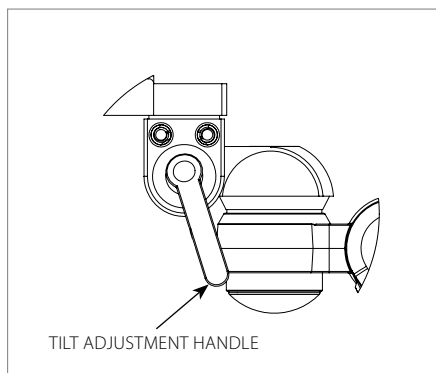


Figure 8

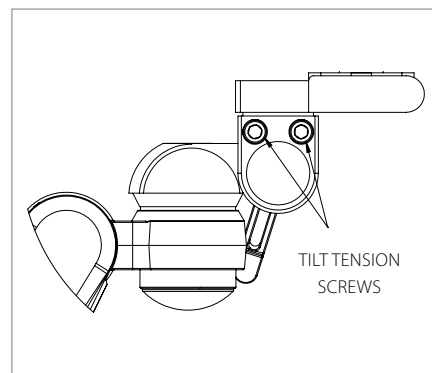


Figure 9

2. Removing the **TILT ADJUSTABLE HANDLE**:

- i. Using a 4 mm **ALLEN KEY** (not provided), remove the **TILT ADJUSTMENT LEVER SCREW** and **SPRING**.
- ii. Using a 12 mm **SOCKET** (not provided) to remove the 12 mm **HEX NUT**.
- iii. Replace with **M8 LOCK NUT**. Tighten as needed using a 13 mm **SOCKET** (not provided), then cover with **CAP** (see below images).

i **NOTE:** RECOMMENDED TORQUE FOR THE **LOCK NUT** 20 NM.

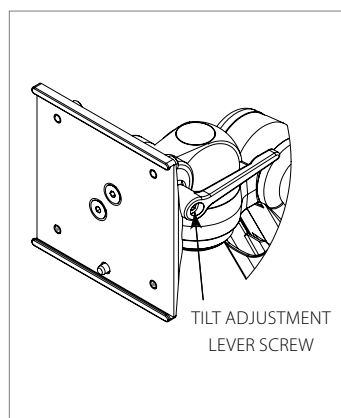


Figure 10

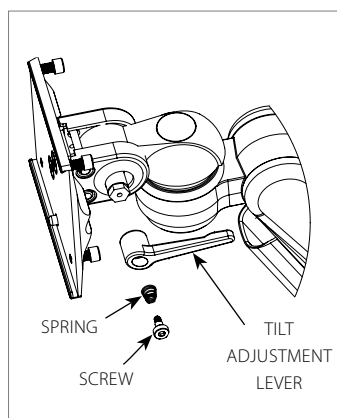


Figure 11

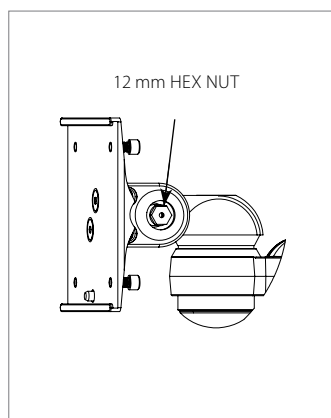


Figure 12

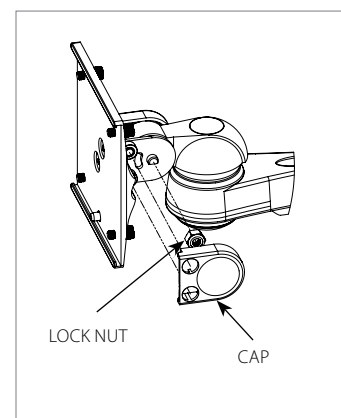


Figure 13

- iv. Verify that the tilt angle is secure by grasping the **MOUNTING SHELF** and attempting to adjust the tilt. If movement is detected, tighten the 2x **TILT TENSION SCREWS** to the desired resistance (Figure 9).

i **NOTE:** RECOMMENDED TORQUE FOR THE **TILT TENSION SCREWS** 7NM.

Section 4: Adjustments

Rotation (Monitor Head)

WARNING: DO NOT ADJUST THE *ROTATION TENSION BOLT*. IF THERE ARE PROBLEMS ASSOCIATED WITH THE HEAD ROTATION PLEASE CONTACT AMICO ACCESSORIES INC. OR REFER TO THE TROUBLESHOOTING SECTION (PAGE 19) FOR MORE INFORMATION.

1. The monitor rotates at the front of the *ARM*. To rotate the monitor, push the corners of the device or the head while holding the *SSM ARM*. If the *SSM ARM* is not held in place the *MONITOR HEAD* will rotate with the *ARM* (Figure 1).

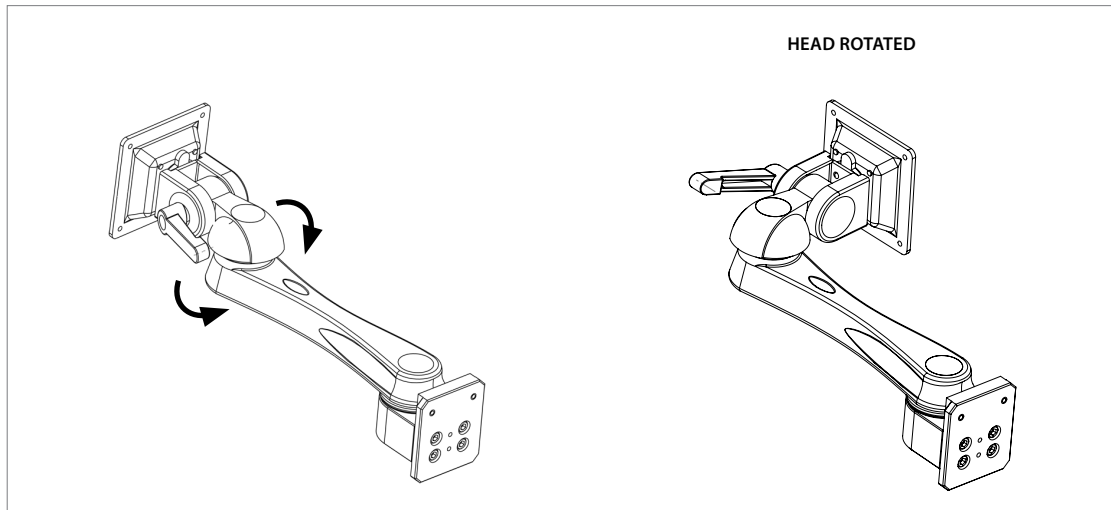


Figure 1

Cable Management: SSM Cable Management

NOTE: A CABLE GUIDE IS PROVIDED TO FACILITATE ROUTING OF CABLES ALONG THE BOTTOM OF THE *ARM*.

1. Route cables between the openings and snap them into the *CABLE GUIDE*. Larger cables may require the *CABLE GUIDE* be pried apart. In that case, take care not to damage the *CABLE GUIDE*. Leave some extra cable loose at the front and rear of the *ARM* to prevent cable binding, connector damage or *CABLE GUIDE* damage (Figure 1).

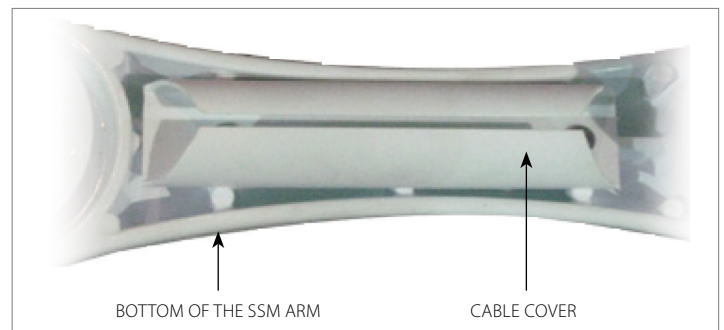


Figure 1

Cable Management: MRS Rail Cover

1. Guide the cables into the center of the *MRS RAIL*, keep cables off the 2x sides of the *MRS RAIL* (Figure 2).
2. Guide the *MRS RAIL CABLE COVER* into the *CHANNEL* over the cable. Ensuring no cable is pinched between the *RAIL* and the *COVER*. Safely trim off any excess *MRS COVER* after installation.

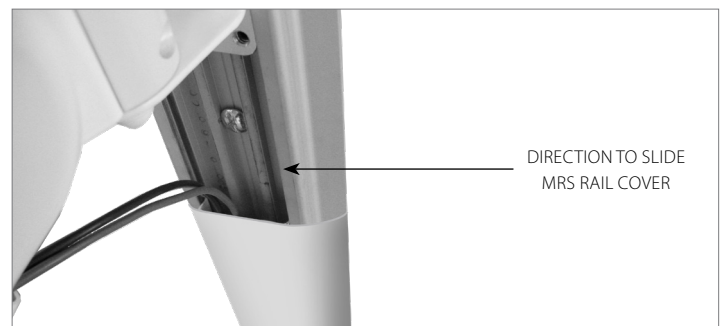


Figure 2

Section 5: Troubleshooting, Maintenance, Product Classification

Cleaning

WARNING: THE CLEANING CHEMICALS AND METHODS BELOW ARE NOT MEANT FOR CONTROLLING ANY INFECTIONS. IT SHALL BE THE RESPONSIBILITY OF THE HOSPITAL OR THE HOSPITAL'S INFECTION CONTROL OFFICER TO SANITIZE THE EQUIPMENT.

WARNING: PLEASE DO NOT SPRAY ANY CHEMICAL DIRECTLY ONTO THE ARM. APPLY ONTO A SOFT CLOTH AND WIPE CLEAN TO PREVENT CHEMICALS GETTING INTO THE INTERNAL COMPONENTS OF THE ARM.

The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospital environment (e.g. diluted bleach, ammonia, or alcohol solutions). The surface finish will be permanently damaged by strong chemicals and solvents such as Acetone and trichloroethylene. Steel wool or other abrasive material should never be used. Damage caused by the use of unapproved substances or processes will not be warranted – approved cleaning agents are represented by a check mark and unapproved cleaning agents are represented by an 'X' in the table shown below. It is recommended that you test any cleaning solution on a small area of the arm that is not visible to verify compatibility. Never submerge the arm and do not allow liquids to enter it. Wipe any cleaning agents off the arm immediately using a water-dampened cloth. Dry the arm thoroughly after cleaning.

Material with Surface Finish (Part number)	Diversey Virex 256 II	Clorox Healthcare Hydrogen Peroxide (H2O2 1.4 % w / w)	Clorox Healthcare Bleach Wipes (Bleach 0.55 % w / w)	Diversey Accel TB	CaviCide / CaviWipes	Isopropyl Alcohol Swabs / Pads (70 %)	PDI Super Sani-cloth	Virex TB RTU	Sodium Hypochlorite, bleach	Oxivir® Tb	Mikrozid Sensitive Wipes	Bacillol 30	Clinell Universal Sanitizing Wipes	Descosept Pur
Powder Coated A380 Aluminum (SSM Arm)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6061 T6 Aluminum (MRS Rail Adapter)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
6063 T5 Aluminum (MRS Rail)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
ABS (Plastic part of Monitor Mounting Adapter)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PVC (Cable Management)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nylon (Bushings / Washers)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Labels	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chrome Plated Parts (Height Locking Lever, Tilt Adjustment Lever)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

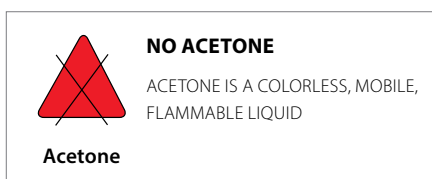


Figure 1

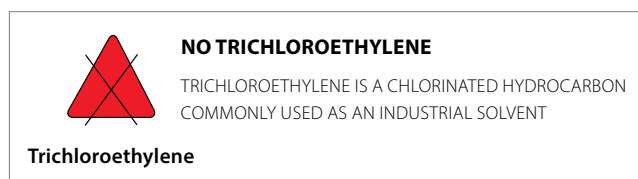


Figure 2

Section 5: Troubleshooting, Preventative Maintenance, & Cleaning

Troubleshooting

Symptom	Possible Cause	Solution
Too easy or too difficult to tilt the monitor up and down.	- Excessively loosened or tightened hardware. - Weight of the monitor is not compatible with the Arm.	Please see "Monitor Tilt" section of the manual (pages 14-17) or use an Arm with a compatible rating.
Too easy or too difficult to twist the monitor left and right.	- Excessively loosened or tightened hardware. - Damaged hardware.	Please see "Monitor Installation" section of the manual (page 8-12).
Too easy or too difficult to turn the monitor left and right.	- Excessively loosened or tightened hardware. - Damaged hardware.	Please see "Monitor Head Rotation" section of the manual (page 17).
The SSM Arm is not secure and is rocking slightly.	Loosened/damaged hardware.	Perform preventive maintenance or please contact Amico Accessories Inc..
The SSM Arm is angled to the side and no longer straight.	- Bent/damaged SSM Arm. - Load outside duty range. - Loosened/damaged hardware.	Perform preventive maintenance, check the load is within weight range of the Arm, or please contact Amico Accessories Inc..
Shelf Plunger Pin does not engage.	Plunger Pin is locked.	Twist the Lock Pin Plunger.

If the above solutions do not solve your symptoms or you are in need of parts/hardware, please contact Amico Accessories, 1-877-264-2697.

Preventive Maintenance (SSM Monitor Arm)

WARNING: SSM MONITOR ARM REQUIRES PERIODIC INSPECTION AND MAINTENANCE TO PERFORM OPTIMALLY AND ACHIEVE MAXIMUM OPERATION LIFE.

WARNING: THE INTERVALS SHOWN ON THE NEXT PAGE ARE RECOMMENDED. MAINTENANCE SCHEDULES SHOULD BE SHORTENED FOR SSM MONITOR ARM THAT SEE HEAVY USE.

Please be sure to thoroughly check the areas illustrated below for SSM MONITOR ARM (Figure 1).

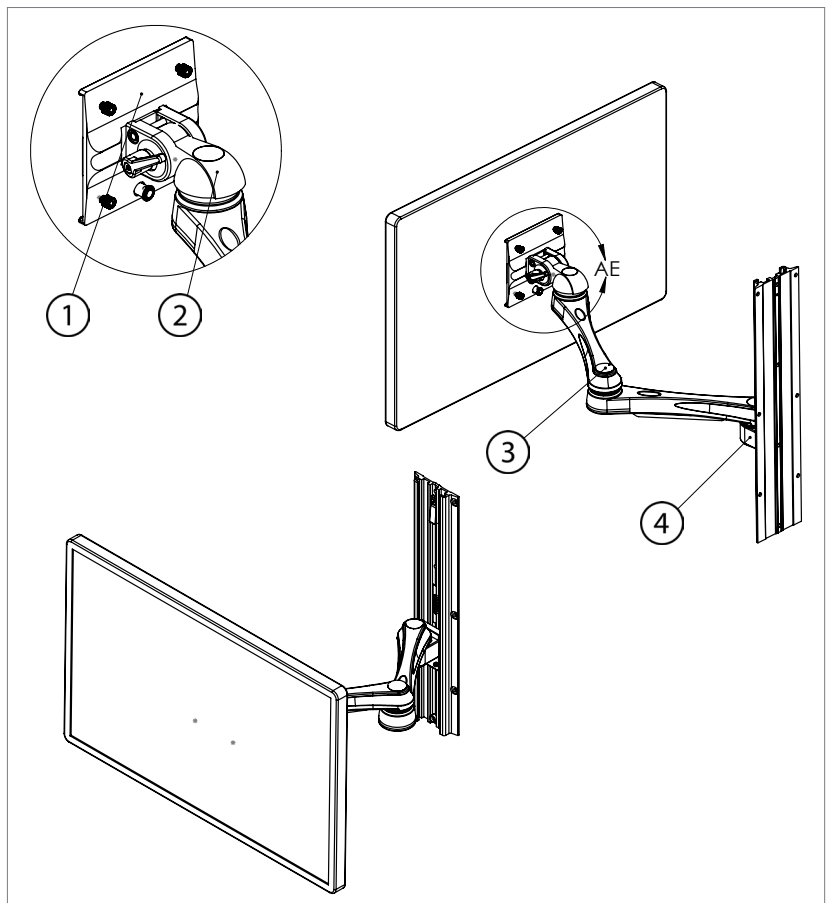
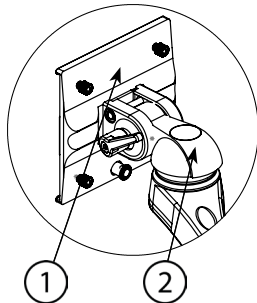
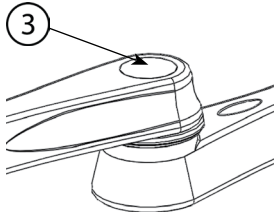
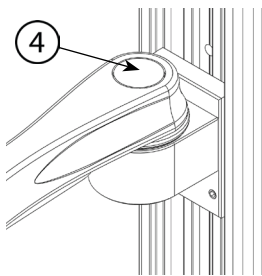


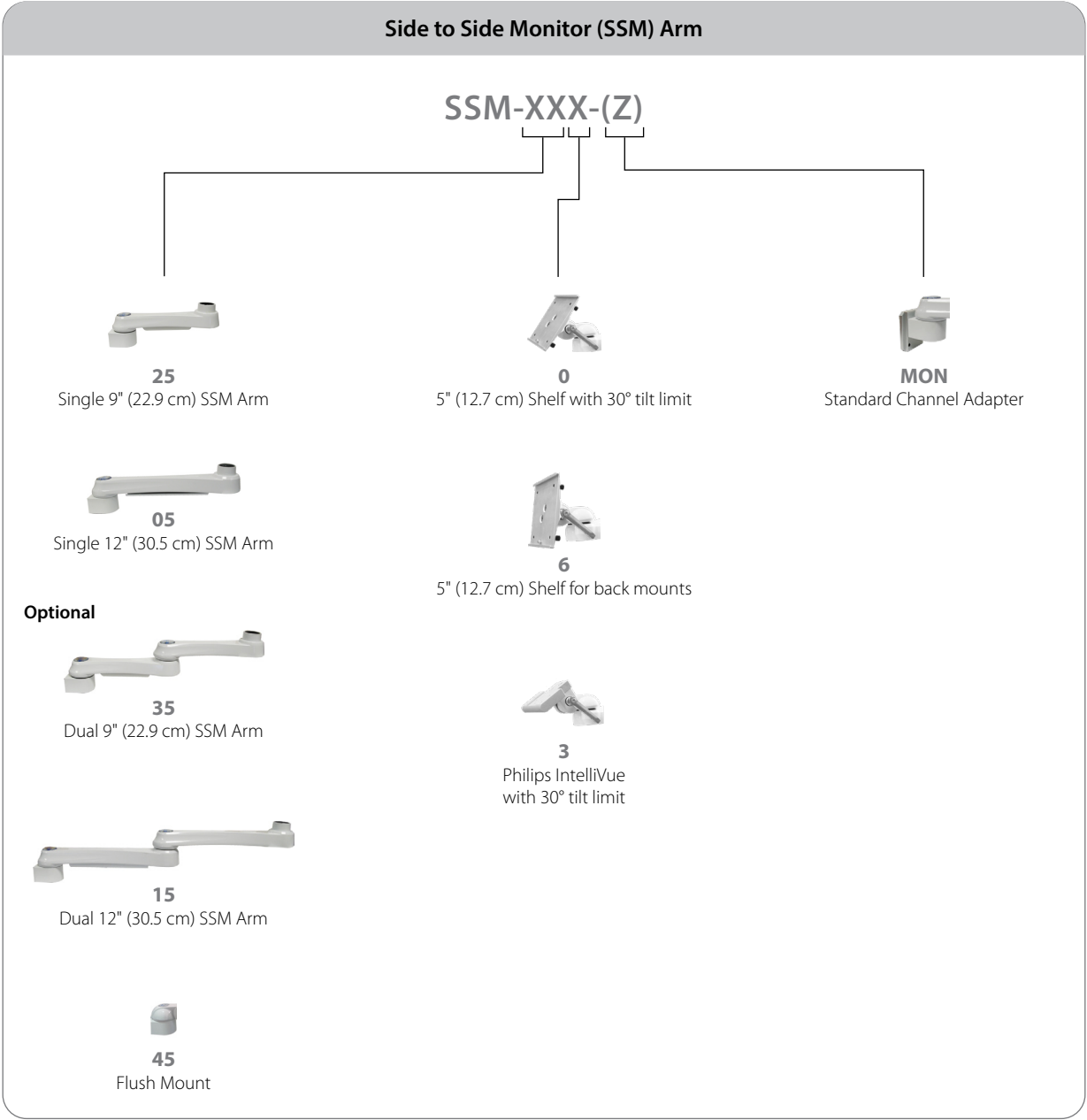
Figure 1

Section 5: Troubleshooting, Preventative Maintenance, & Cleaning

Area	Maintenance	Period (Month)
	Area 1: Monitor Mounting Adapter A. Check if the adapter plate and the monitor are securely attached. • MOUNTING SHELVES (SSM-XX [0, 6]) – Ensure the SCREWS are tight. Ensure the PLUNGER is securely holding the ADAPTER. • Philips (SSM-XX3) – Ensure studs are securely holding the monitor. B. Visually inspect for any signs of grinding and gapping.	A. 3 B. 6
	Area 2: Monitor Head A. Ensure the TILT ADJUSTMENT LEVER is tight and secure. Also check if the PLASTIC COVER is attached firmly. Tightening will be required after prolonged use. B. Inspect the bolt, washers, and contacting surfaces for grinding and wearing. Ensure the bolt is tight. Checked by rotating head – adjustment should have some tension and not turn loosely. C. Check for any signs of gapping between the bushing and the head. Also ensure the head of the SSM is horizontal and is secure.	A. 3 B. 6 C. 6
	Area 3: Arm Pivot Joint Inspect for any signs of grinding, bending and gapping and ensure the SSM ARMS are tightly attached together. Ensure the bolt is tight – checked by performing side-to-side adjustment – ARM should not swing freely.	6
	Area 4: Arm Pivot Joint - Rail Adapter A. Inspect the bolt, washers, and contacting surfaces for grinding and wearing. Ensure the bolt is tight – checked by performing side-to-side adjustment – ARM should not swing freely. B. Inspect visually for any gapping between the bracket and the ADAPTER PLATE . Ensure the BRACKET is tightly attached to the ADAPTER PLATE .	A. 6 B. 6

Section 6: Product Classification

Part Number Matrix



Section 7: Certification & Compliance

The Amico Side to Side Patient Monitor Arm (SSM) complies and conforms with the following standards, regulations and directives:

CE: Union Harmonization Legislation: Low Voltage Directive 2014/35/EU

RoHS (EU Directive 2011/65/EU as amended by Directive 2015/863)

EU REACH Regulation (Registration, Evaluation, Authorization, and Restriction of Chemicals, EC No 1907/2006)

CAN/CSA-C22.2 No. 60601-1:2014 excluding electromagnetic compatibility (clause 17) and ANSI/AAMI ES60601-1:2005/A1:2012-08 excluding electromagnetic compatibility (clause 17) – **Certification No. U8 098792 0002 Rev.00**

Medical Electrical Equipment – Part 1-2: IEC 60601-1-2:2014 4th edition

California PROP65

ISTA 3A:2018 – Packaged-Products for Parcel Delivery System Shipment

Section 8: Warranty Policy

Amico Accessories Inc. warrants all mounting accessories to be free from defects in material and workmanship for a period of twelve (12) months from the date of shipment. Within this period Amico Accessories Inc. will repair or replace any part which is proven to be defective.

Amico Accessories Inc. will warrant its materials to be free from defect for an additional period of four (4) years, (five [5] years from the date of shipment). Within this period, Amico Accessories Inc. will replace any part which is proven to be defective, at no charge. Shipping and Installation costs after the first twelve (12) months will be borne by the Customer.

This warranty is valid only when the product has been properly installed according to Amico Accessories Inc. specifications, used in a normal manner and serviced according to factory recommendations. It does not cover products that are not manufactured by Amico Accessories Inc. It does not cover failures due to damage which occurs in shipments or failures which result from accidents, misuse, abuse, neglect, mishandling, alteration, misapplication or damage that may be attributable to acts of God.

Amico Accessories Inc. shall not be liable for incidental or consequential damages resulting from use of equipment.

All claims for warranty must first be approved by Amico Accessories Inc. A valid Return Goods Authorization (RGA) number must be obtained from Amico Accessories Inc. prior to commencement of any service work. Warranty work, which has not been pre-authorized by Amico Accessories Inc., will not be reimbursed.

AMICO ACCESSORIES INC. DOES NOT HONOR VERBAL STATEMENTS CONCERNING THE WARRANTY.

The distributor and/or dealer are not sanctioned to create verbal warranties about the product described in this agreement. Any statements will not be honored or be made part of the agreement of sale. This document is the final complete and exclusive terms of the agreement.

THIS WARRANTY IS INCLUSIVE AND REPLACES ALL OTHER WARRANTIES.

Amico Accessories Inc. shall not, under any circumstances be liable for incidental or consequential damages including, but not limited to, profit, loss of sales or injuries to person(s) or property. Correction of noncompliance as noted above will result in completion of all liabilities of Amico Accessories Inc., whether based on agreement, neglect or changed materials, designs or specifications without notice.

All claims for warranty must first be approved by Amico Accessories Inc. Service Department: accessories@amico.com or 1.877.264.2697. A valid Return Goods Authorization number must be obtained from Amico Accessories Inc. prior to commencement of any warranty claim.

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