

Installation Instructions Manual
Side Folding Long Reach Arm
LRA-1F-DW



Amico

Preface

Important, Please Read Carefully

Thank you for your purchase with Amico.

This unit is designed for long-lasting performance, provided the user complies with assembly and maintenance procedures. This instruction manual is your guide to ensuring that you get the best performance out of your equipment. Amico Accessories is not responsible for any damage as a result of (but not limited to) abuse and other malfunctions 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

The meaning of symbols appearing in this instruction manual and on the unit are shown on the chart below. These symbols alert you to safety conditions that demand your attention. You should take proper precautions and follow the instruction on the label and/or this user manual to minimize the risk of injury or damaging the equipment.

Symbol	Signal Word	Level of Hazard
	WARNING	Steps where extra care should be taken to prevent injuries and damage.
	NOTE	Steps that point out helpful information.

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.

Table of Contents

Section 1: Product Specifications	4
Features	4
Specifications	4
Section 2: Installation Preparation	4
Installation Tools	4
Typical Installation Reference	5
Pre-Installation Information (Please Read Carefully Before Starting)	6
Section 3: Installation Instruction	7
Display Device Mounting Hardware	7
Wall Mount Base Physical Dimensions	7
Installing Wall Mount Base	9
Structural Disclaimer and Mounting Reinforcement Requirement	9
Section 4: Cable Management	11
Section 5: Adjustment	13
Operation Instructions	16
Section 6: Maintenance and Cleaning	17
Preventative Maintenance	17
Cleaning	17
Warranty	18

Section 1: Product Specifications

Features

- 77" (195.58 cm) reach for optimal patient experience.
- Ergonomic design for reduced clinician fatigue.
- Adjustable hinge compatible with most tablets.
- VESA 75/100 mounting pattern supports the use of tablet enclosure for enhanced security if desired.
- Optional built-in cable management to accommodate any workflow.

Specifications

- Extended Dimensions: (W x D x H): 7.87" x 59.53" x 77.48" (20.0 cm x 151.2 cm x 196.8 cm)
- Folded Dimensions: (W x D x H): 7.87" x 65.23" x 59.53" (20.0 cm x 165.7 cm x 165.7 cm)
- Physical Weight: 34.17 lbs (15.5 kg)
- Maximum Load: 2.21 – 14.33 lbs (1 – 6.5 kg)
- Height Adjustment Range: 34.92" (88.7 cm)
- Hinge Swivel: +/- 185°
- Hinge Tilt: -60° to +20°
- VESA Mount Swivel: +/- 5°

Section 2: Installation Preparation

Installation Tools

i NOTE: Tools for installation are not provided by Amico Accessories Inc.



#1 Phillips Head Screwdriver
(Not provided)



#2 Phillips Head Screwdriver
(Not provided)



17 mm Wrench
(Not provided)

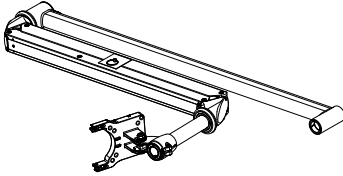
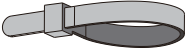
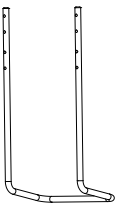
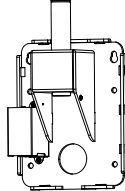
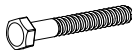


13 mm Wrench
(Not provided)

Section 2: Installation Preparation

Typical Installation Reference

The table below illustrates the components of the product. The product names along with its product number are given below.

A  Side Folding Long Reach Arm	B  Washer	C  Zip Tie	
D  M4L6 *6	E  M3L5 *2	F  M4L8 with Split Washers	G 
H 	I 	J 	K 
L 	M  4 mm Allen Key	N  6 mm Allen Key	O 
P  Wall Plugs for 5/16" x 2 1/2" Screws	Q  4x 5/16" x 2 1/2" Masonry Screws	R 	S 

Section 2: Installation Preparation

Pre-Installation Information (Please Read Carefully Before Starting)

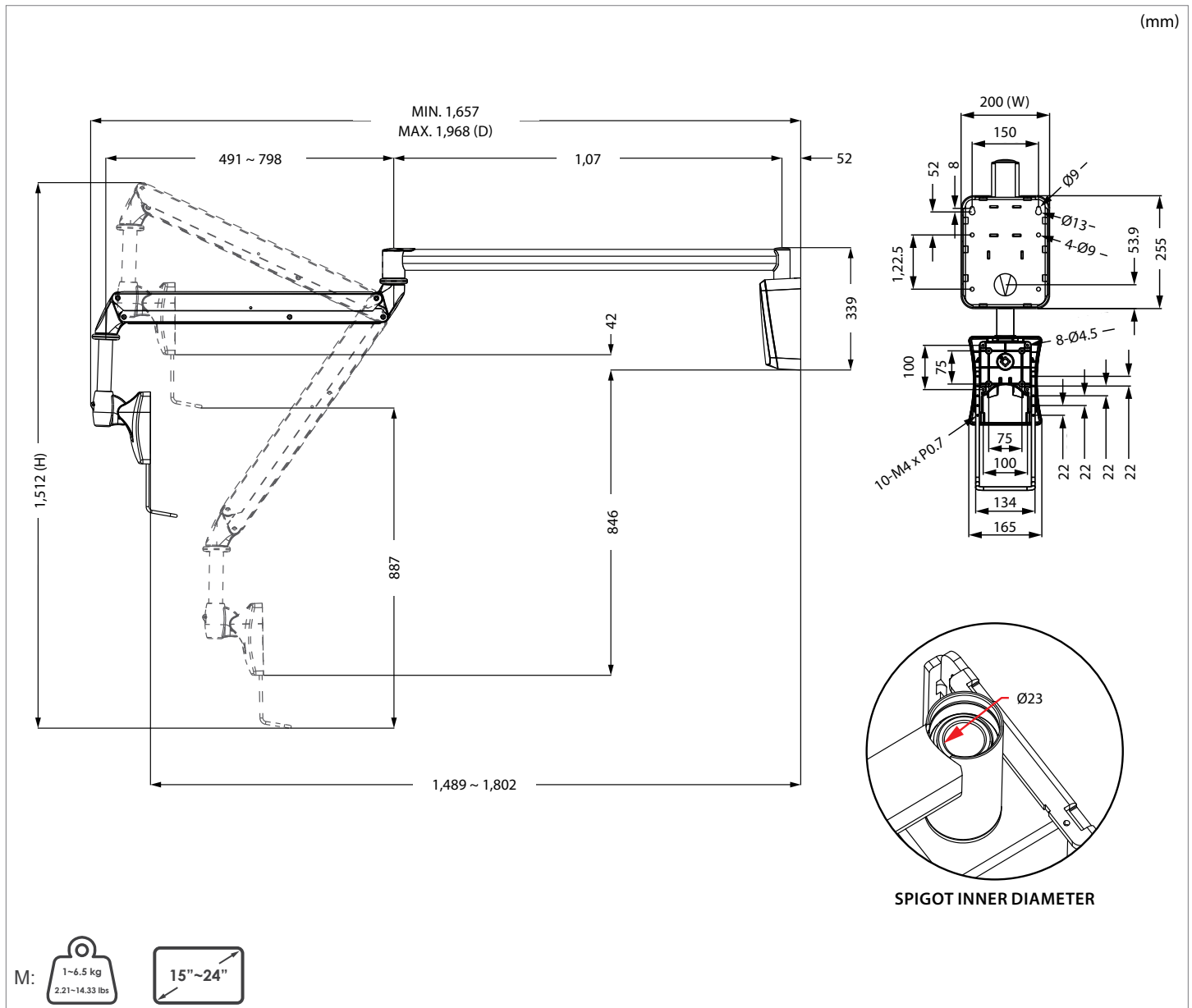
-  **WARNING:** THIS PRODUCT IS RATED FOR 2.21 LBS TO 14.33 LBS (1.0 KG TO 6.5 KG). ENSURE THE MOUNTED DEVICE DOES NOT EXCEED THIS LIMIT. OVERLOADING MAY CAUSE SERIOUS INJURY AND DAMAGE TO THE ARM.
-  **WARNING:** USE ONLY ORIGINAL PARTS. INSTALLING WITH UNAPPROVED COMPONENTS MAY CAUSE THE DISPLAY UNIT OR WALL MOUNT ARM BRACKET TO FALL OR MALFUNCTION.
-  **WARNING:** CHECK ALL PARTS LISTED IN THE MANUAL BEFORE INSTALLATION. IF ANY PARTS ARE MISSING OR DAMAGED, DO NOT USE THE PRODUCT. RETURN IT TO THE RETAILER OR ORIGINAL SELLER.
-  **WARNING:** AFTER INSTALLATION, INSPECT THE BOLTS AND ALL FASTENERS EVERY 3-6 MONTHS. IF ANY ARE LOOSE, RUSTY, OR MISSING, REMOVE THE DISPLAY UNIT IMMEDIATELY AND STOP USING THE PRODUCT.
-  **WARNING:** VERIFY THAT THE WALL MATERIAL AND THICKNESS ARE SUITABLE FOR INSTALLATION. THIS PRODUCT IS DESIGNED FOR VERTICAL, SOLID MASONRY, CONCRETE, OR BRICK WALLS ONLY. FOR OTHER WALL TYPES, CONSULT A LICENSED PROFESSIONAL.
-  **WARNING:** DO NOT DISASSEMBLE OR ATTEMPT REPAIRS YOURSELF. DISASSEMBLY WILL VOID THE WARRANTY.
-  **WARNING:** SECURE THE CABLES WITH A CABLE BINDER OR CLAMP, AS SHOWN IN THE ILLUSTRATIONS, TO PREVENT ACCIDENTAL DAMAGE OR ELECTRIC SHOCK.
-  **WARNING:** INSTALLATION OF THE LONG REACH ARM/BRACKET AND DISPLAY UNIT SHOULD BE PERFORMED BY QUALIFIED PERSONNEL USING ONLY THE SUPPLIED BOLTS AND ACCESSORIES.
-  **WARNING:** AT LEAST TWO PEOPLE ARE REQUIRED TO INSTALL OR REMOVE THIS PRODUCT TO PREVENT FALLING HAZARDS.
-  **WARNING:** CAREFULLY INSPECT THE INSTALLATION SITE:
 - Avoid areas with high heat, humidity, or water exposure.
 - Do not install near air vents, excessive dust, or fumes.
 - Mount only on vertical walls; avoid slanted surfaces.
 - Avoid locations subject to shock or vibration.
 - Do not place in direct bright light, which may cause eye strain when viewing the display.
-  **WARNING:** ENSURE ADEQUATE VENTILATION SPACE AROUND THE DISPLAY.
 - Mount and secure the display unit before connecting the wiring.
 - Leave enough space between the patient and the arm's anchor base for full arm movement.
-  **WARNING:** CONFIRM THAT THE WALL STRUCTURE AND MOUNTING LOCATION CAN SAFELY SUPPORT THE INSTALLATION.
-  **WARNING:** THE WALL MUST SUPPORT AT LEAST FOUR TIMES THE COMBINED WEIGHT OF THE DISPLAY AND THE ARM/BRACKET, AND WITHSTAND EARTHQUAKES OR STRONG SHOCKS.
-  **WARNING:** DO NOT USE MODIFIED OR DAMAGED ACCESSORIES. CONTACT YOUR DEALER IF YOU HAVE QUESTIONS.
-  **WARNING:** TIGHTEN ALL SCREWS SECURELY. DO NOT OVER TIGHTEN, AS THIS MAY DAMAGE THE SCREWS OR THREADS.
-  **WARNING:** AFTER REMOVAL OF THE DISPLAY AND ARM/BRACKET, HOLES AND MARKS WILL REMAIN ON THE WALL. DISCOLORATION MAY OCCUR OVER TIME.
-  **WARNING:** BECAUSE WALL CONDITIONS AND INSTALLATION VARY, THE WARRANTY COVERS ONLY THE LONG REACH ARM ITSELF.
-  **WARNING:** RECOIL HAZARD: USE CAUTION WHEN UNBOXING AND REMOVING FOAM PACKAGING, AS THE ARMS MAY SPRING BACK.
-  **WARNING:** DO NOT INSTALL THE AC POWER CORD INSIDE THE ARM'S CABLE MANAGEMENT SLOT.

Section 3: Installation Instruction

Display Device Mounting Hardware

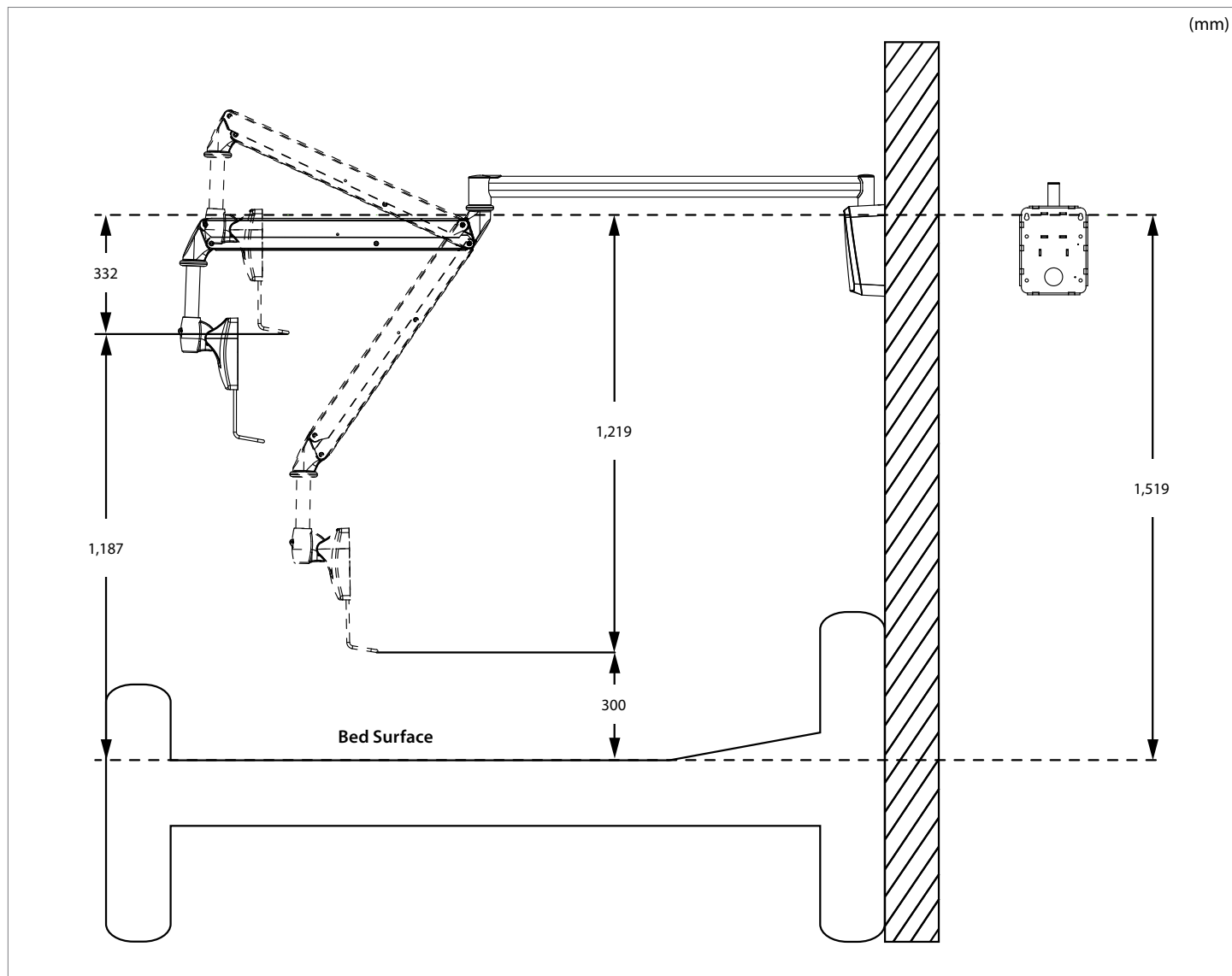
Display devices have different mounting screw requirements. Please check if provided mounting screws (**Item F**) work for your display device. Contact your local dealer for any immediate questions

Wall Mount Base Physical Dimensions



Section 3: Installation Instruction

Wall Mount Base Physical Dimensions (cont.)



Section 3: Installation Instruction

Installing Wall Mount Base

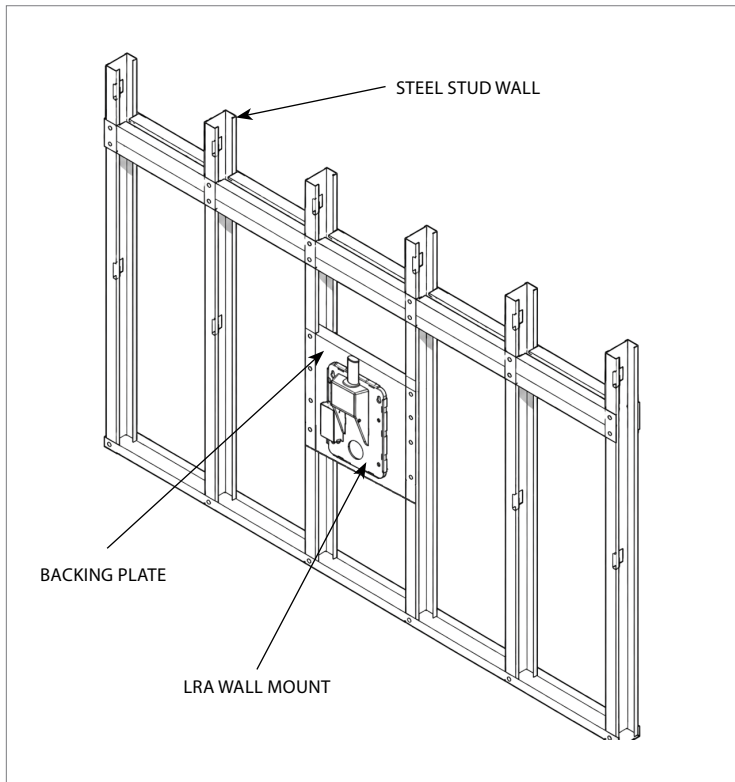
Structural Disclaimer and Mounting Reinforcement Requirement

This product has been tested in accordance with the applicable criteria of IEC 60601-1 for the mechanical and electrical safety of the device itself. The structural adequacy of the supporting mounting surface is outside the scope of the device evaluation. The installation of the arm shall conform with local building codes and shall be verified by a qualified structural professional.

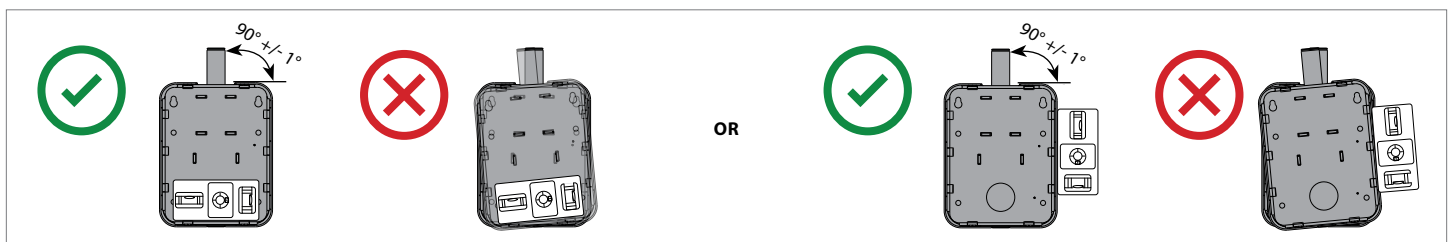
The fasteners supplied (Q) with this product are intended for masonry/concrete wall applications only and shall not be assumed suitable for any other application. It shall be the responsibility of facility and/or its contractors to select appropriate fasteners required to complete the installation of this product.

Direct mounting to drywall, wall panels, or any wall system without structural backing is not recommended. Therefore, the load capacity of the installation depends on the strength and adequacy of the supporting mounting surface and supporting backing plate. For stud wall, headwall, modular wall panel, or similar construction, a backing plate shall be securely installed, spanning across the supporting studs or equivalent structural members. The minimum recommended thickness of the steel backing plate is 14-gauge, or structurally equivalent reinforcement. The mounting shall be approved by a qualified structural or facility engineer. This arm is not intended to support body weight, hanging loads, or abusive loading.

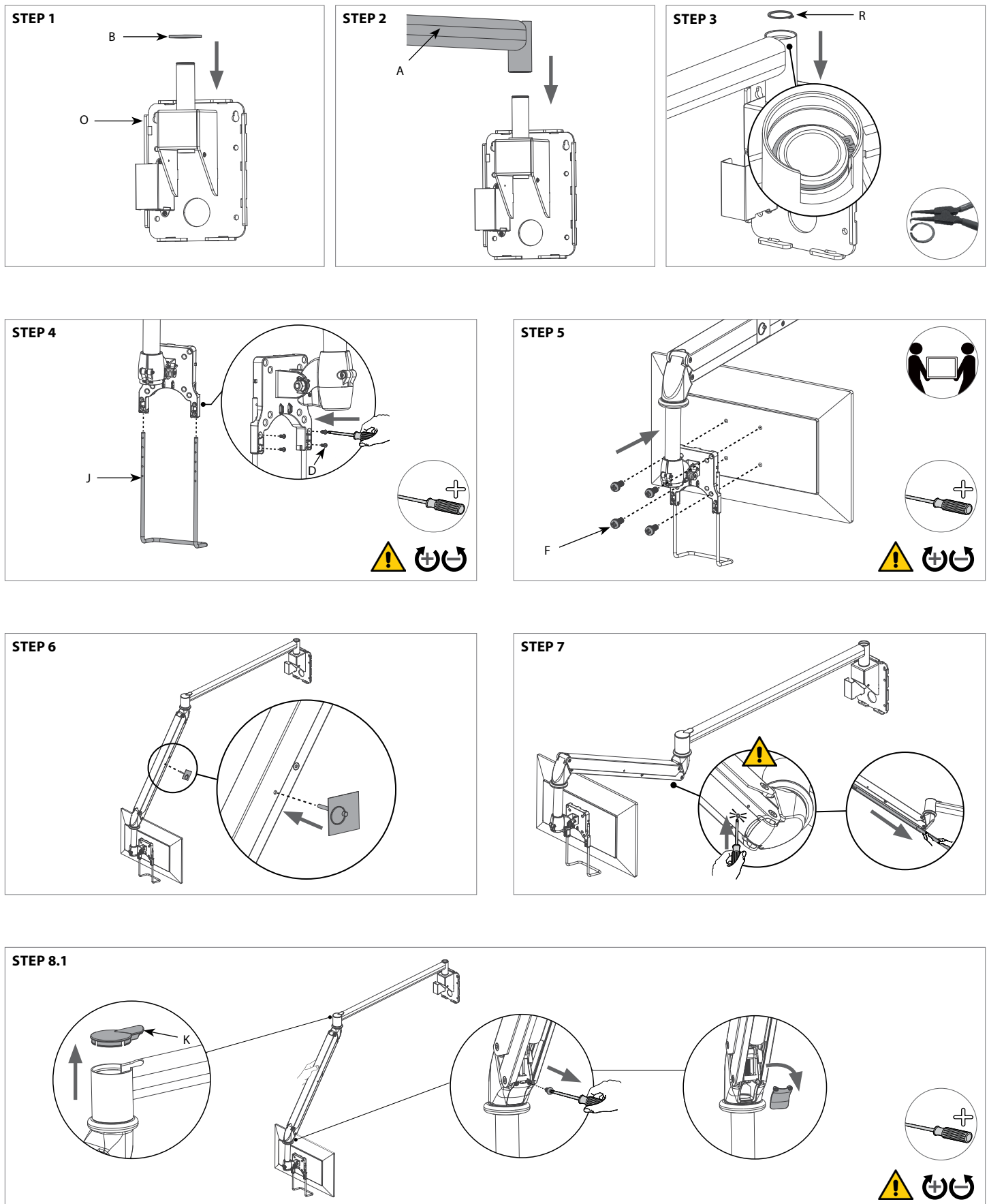
For existing drywall, wall panels, or other finished wall conditions, the facility shall evaluate the existing construction and determine whether the mounting surface must be opened to install structural backing and verify the structural adequacy of the supporting structure prior to installation.



NOTE: IMAGE SHOWN FOR REFERENCE ONLY. ACTUAL WALL CONSTRUCTION, STUD SPACING, BACKING PLATE SIZE, FASTENER SELECTION, AND REINFORCEMENT REQUIREMENTS MAY VARY BY FACILITY. FINAL BACKING DESIGN AND INSTALLATION METHOD SHALL BE REVIEWED AND APPROVED BY A QUALIFIED STRUCTURAL OR FACILITY ENGINEER PRIOR TO INSTALLATION.

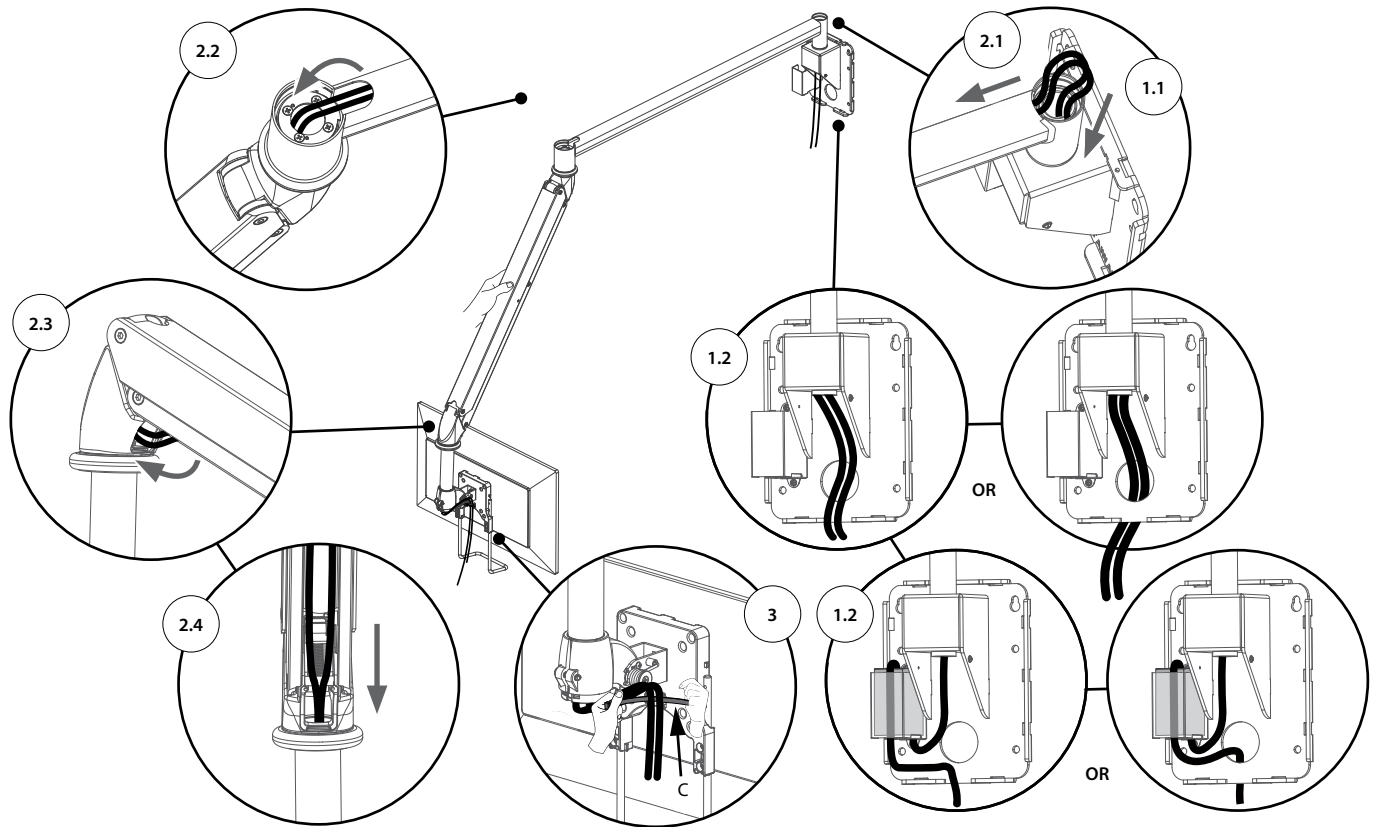


Section 3: Installation Instruction



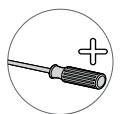
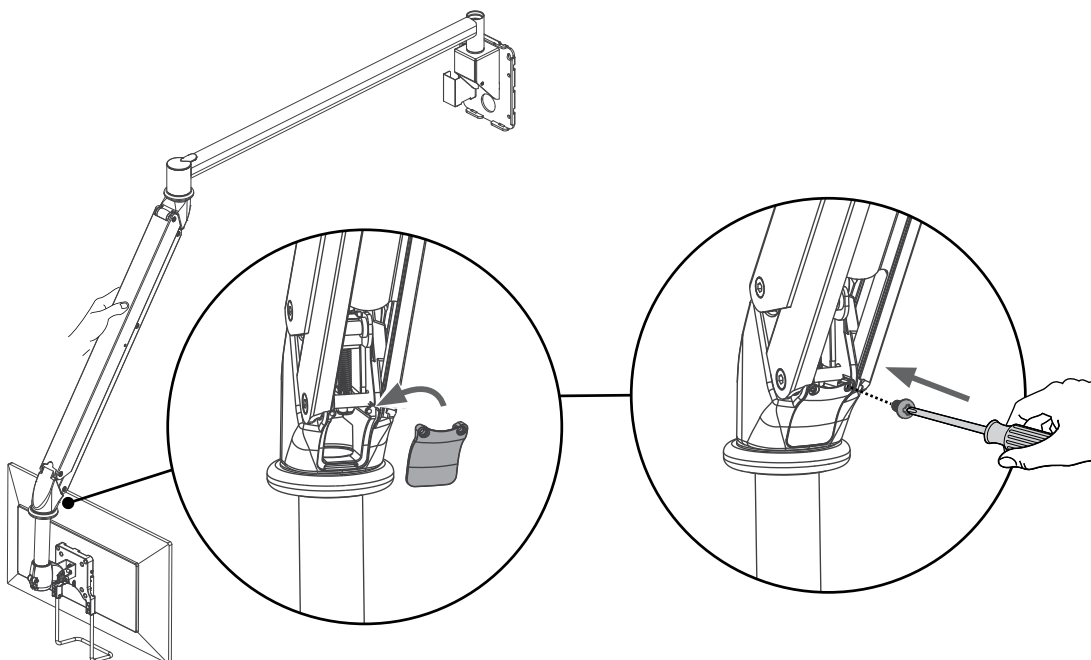
Section 4: Cable Management

STEP 8.2



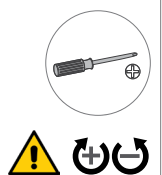
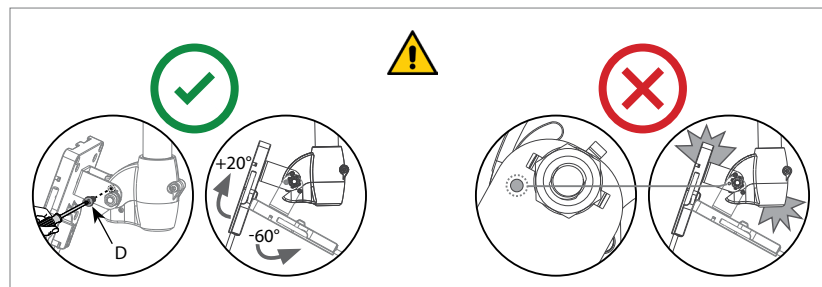
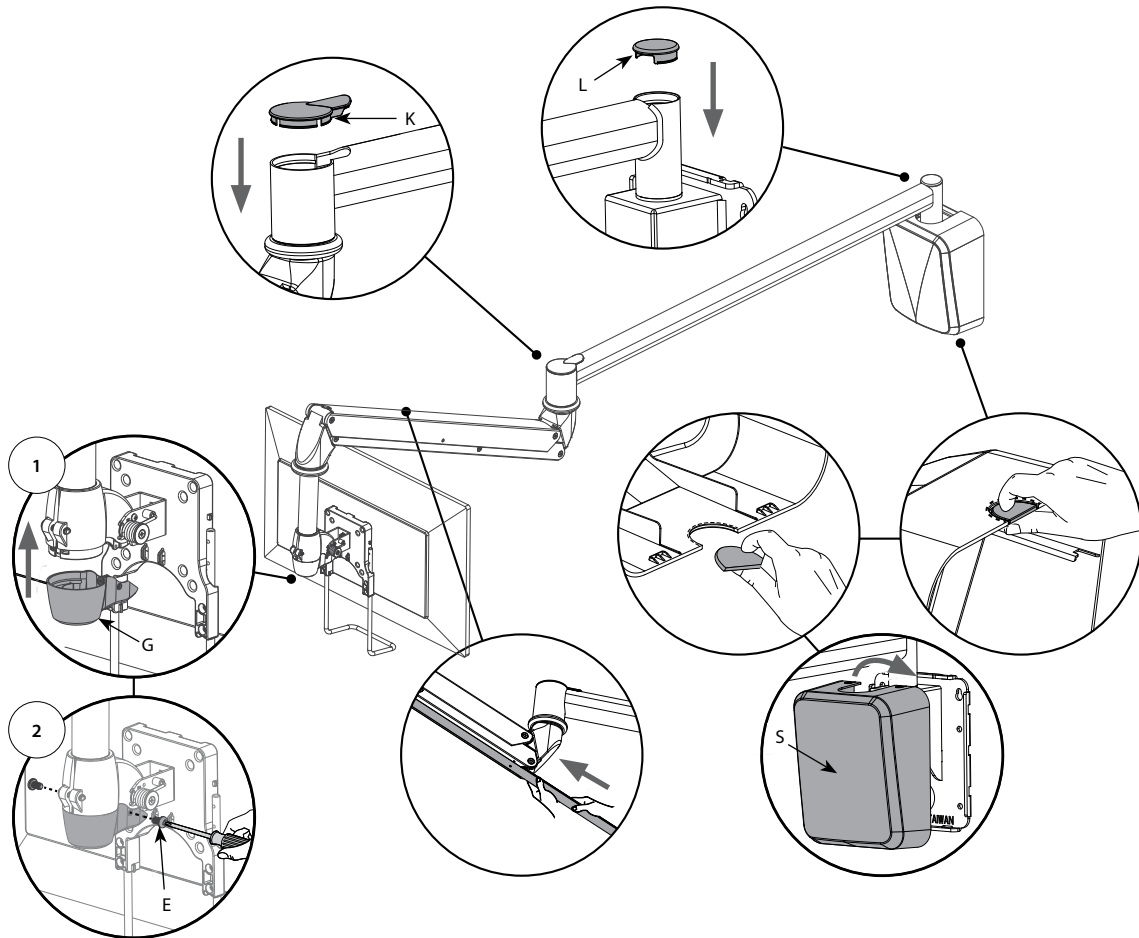
WARNING: FOR SAFETY, PLEASE DO NOT INSTALL THE AC POWER CORD IN THE ARM CABLE MANAGEMENT SLOT FOR THIS PRODUCT.

STEP 8.3

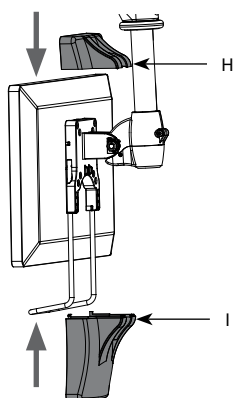


Section 4: Cable Management

STEP 9

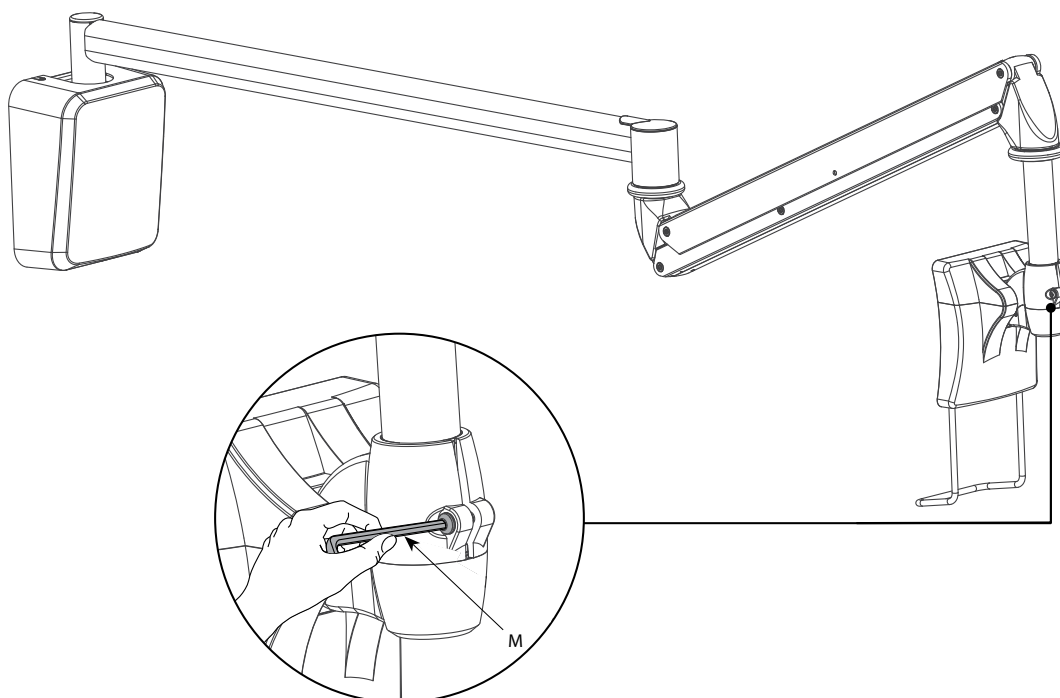


STEP 10

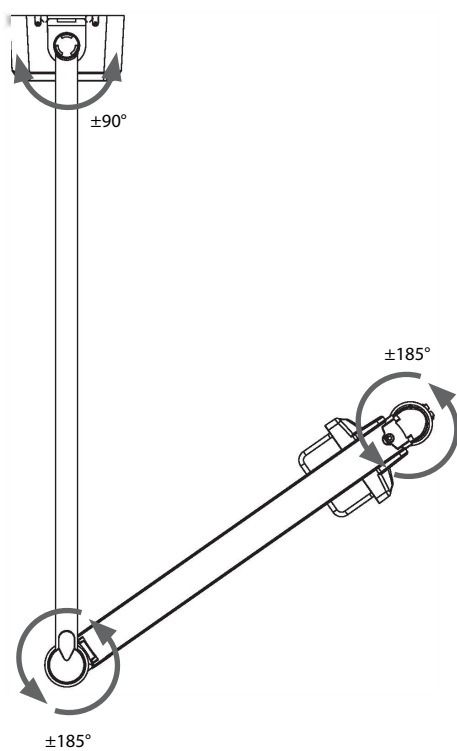


Section 5: Adjustment

SWIVEL

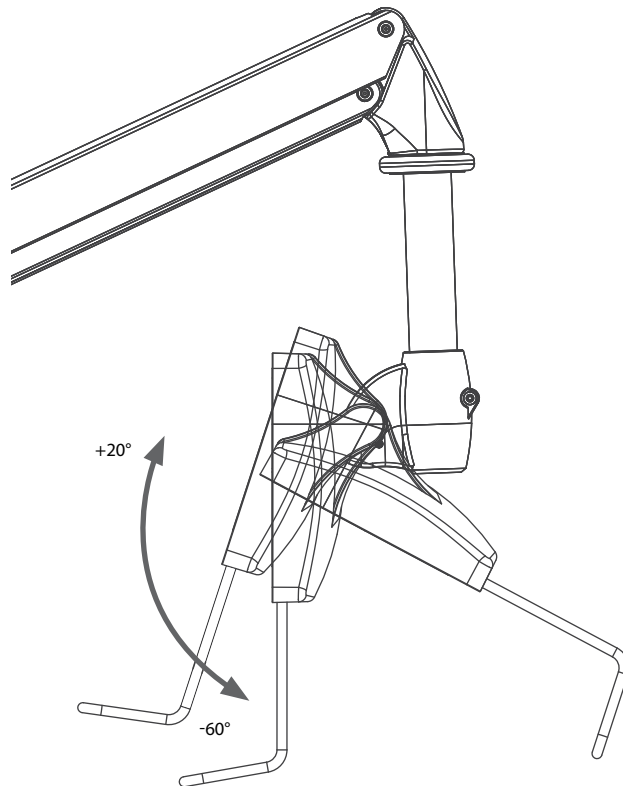


SWIVEL

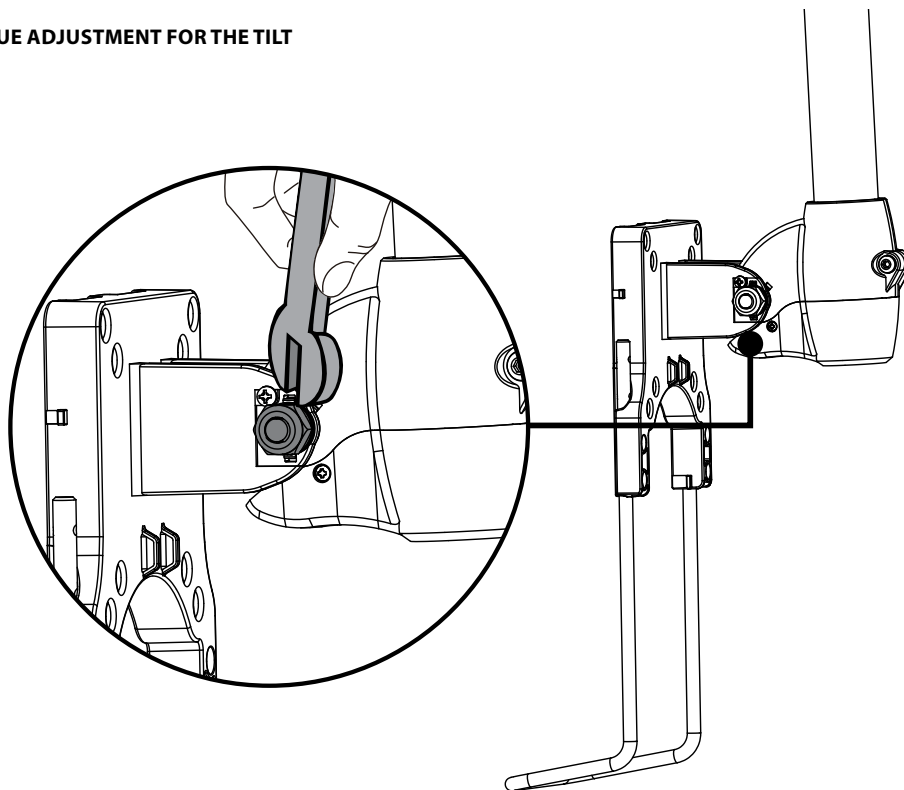


Section 5: Adjustment

TILT

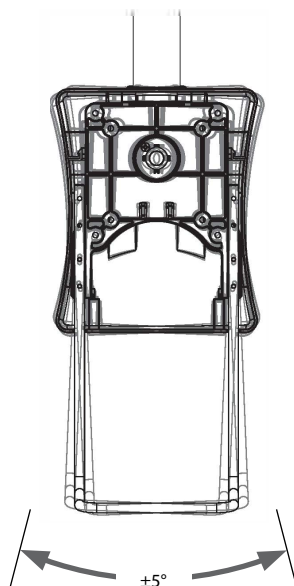


TORQUE ADJUSTMENT FOR THE TILT

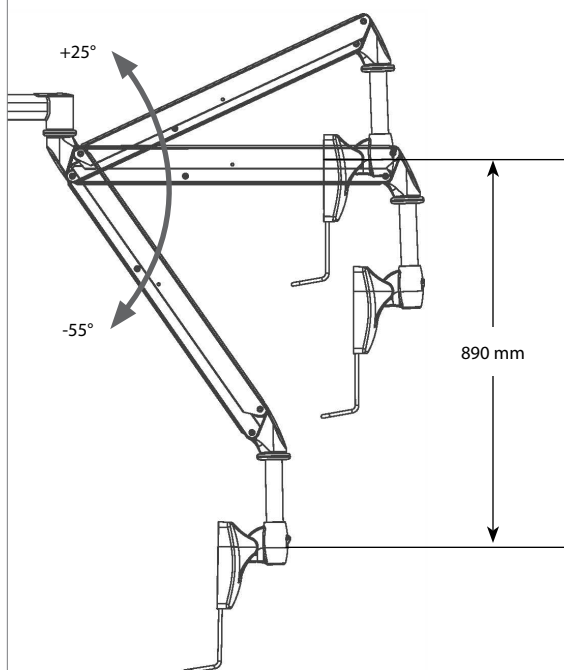


Section 5: Adjustment

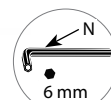
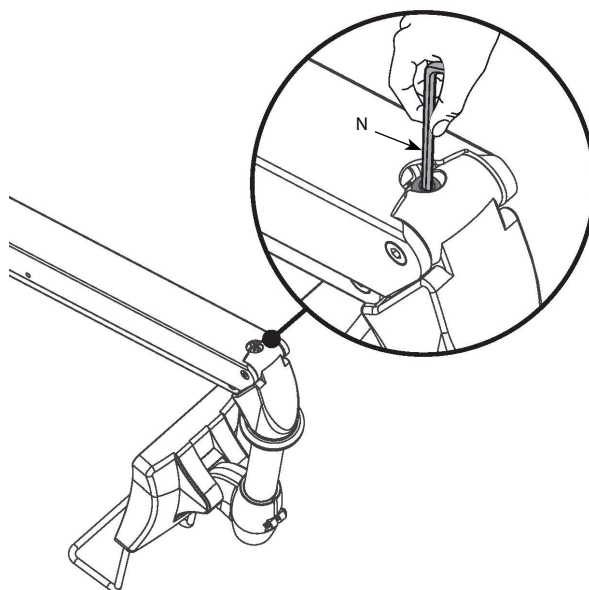
ROTATE



HEIGHT

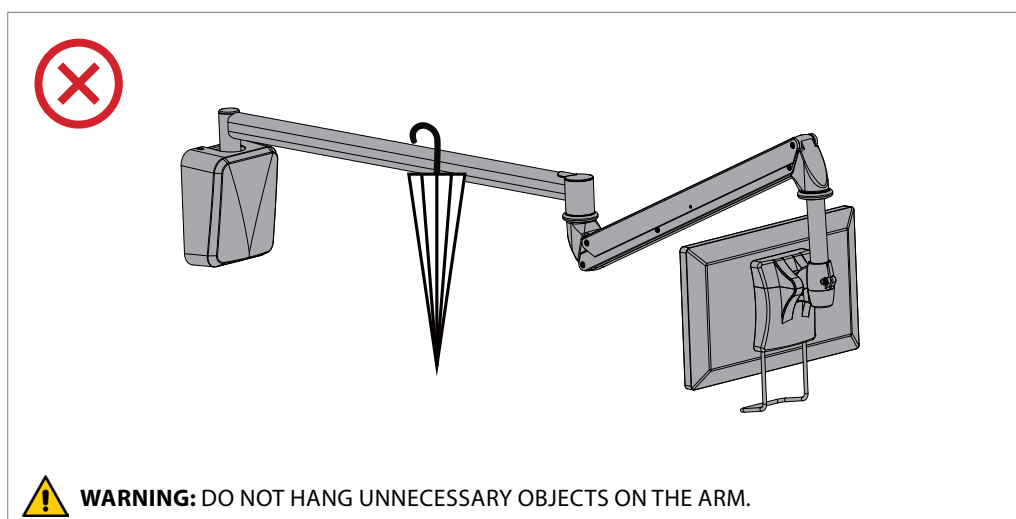
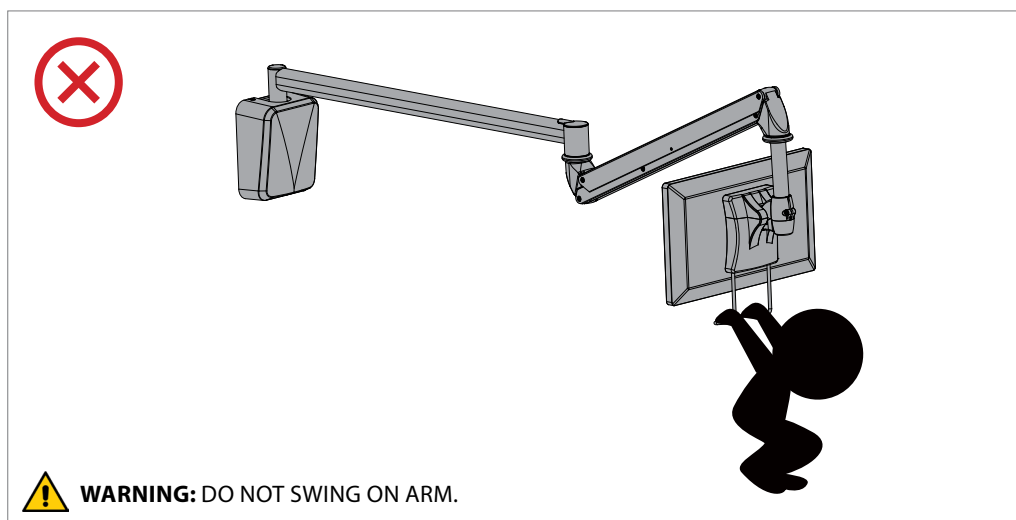
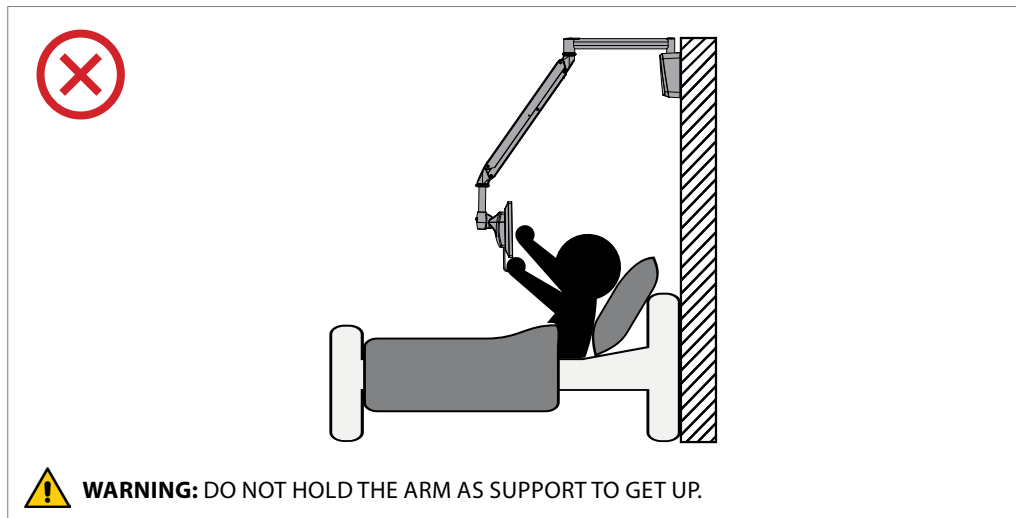


TORQUE ADJUSTMENT FOR THE HEIGHT



Section 5: Adjustment

Operation Instructions



Section 6: Maintenance and Cleaning

Preventative Maintenance

It is recommended that once every 3-6 months, all locks, bolts and fasteners are visually inspected for signs of product wear and tear or damage. Check the product for looseness and ensure the wall mount base is secured to the wall, see pages 9-10. Remove device and discontinue use of the Long Reach Arm if damage is observed on the arm, including excessive rust, cracking, or lost fasteners. Maintenance schedules should be more frequent for higher use areas.

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 LONG REACH ARM. APPLY ONTO A SOFT CLOTH AND WIPE CLEAN TO PREVENT CHEMICALS GETTING INTO THE INTERNAL COMPONENTS OF THE LONG REACH 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 chemical and solvent 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. It is recommended that you test any cleaning solution on a small area of on the product that is not visible to verify compatibility. Never submerge the product and do not allow liquids to enter it. Wipe any cleaning agents off the product immediately using a water-dampened cloth. Dry the product thoroughly after.



NO ACETONE

ACETONE IS A COLORLESS,
MOBILE, FLAMMABLE LIQUID

Acetone



NO TRICHLOROETHYLENE

TRICHLOROETHYLENE IS A CHLORINATED
HYDROCARBON COMMONLY USED AS AN
INDUSTRIAL SOLVENT.

Trichloroethylene

Warranty

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 two (2) years, (three [3] 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.

Notes

www.amico.com

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