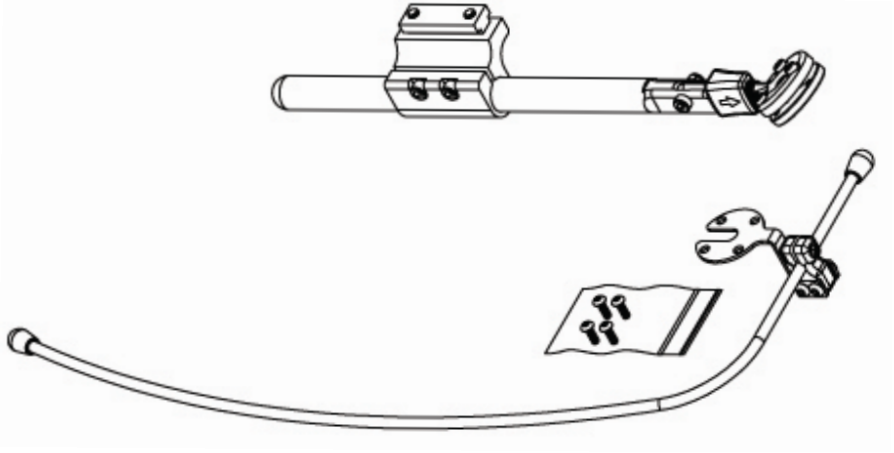
Stealth Products®

Mounting Hardware



ARMS260-AR

Owner's Manual - Maintenance Guide

Swing-Away Hardware
for
IDM-ALLROUND-9 & IDM-ARLITE Joysticks

Table of Contents

Customer Satisfaction ..... **i**
General i
Important Information ..... **ii-iii**
Warranty ii
Warning Labels iii
Limited Liability iii
Testing iii
Safety Precautions **1**
Design and Function **2-3**
Intended Use 2
Features 2
Mounting 2
Features of the ARMS260-AR 3
Mounting Options 3
Parts and Accessories **4-6**
Mounting Hardware Parts 4-5
Tools 6
Installation **7-11**
Installing ARMS260 Rod to Armrest Track 7
Installing Joystick Mount to Lateral Rod 8-9
Installing the Joystick to the Mount 10
Flip-Down Mount 11
First Time Use **12**
Dealer Assistance 12
User Testing 12
Conditions of Use 12
Cleaning and Maintenance **13**
Maintenance 13
Cleaning 13
Disinfection 13
Notes **14**

Stealth Products is committed to 100% customer satisfaction. Your complete satisfaction is important to us. Please contact us with feedback or suggestions to help us improve the quality and usability of our products.

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General

Read and understand all instructions prior to the use of the product. Failure to adhere to instructions and warnings in this document may result in property damage, injury, or death. Product misuse or failure to follow instructions will void the warranty.

Immediately discontinue use if any function is compromised, if parts are missing or loose, or if any component shows signs of excessive wear. Consult with your supplier for repair, adjustment, or replacement.

All persons responsible for fitting, adjustment, and daily use of the devices discussed in these instructions must be familiar with and understand all safety aspects of the devices mentioned. In order for our products to be used successfully, you must read and understand all instructions and warnings, and maintain our products according to our instructions on care and maintenance.

The installation instructions will guide you through this product's options and possibilities.

Instructions are written with the expressed intent of use with standard configurations. They also contain important safety and maintenance information, as well as describe possible problems that can arise during use. For further assistance, or more advanced applications, please contact your supplier or **Stealth Products** at (512) 715-9995 or toll free at (800) 965-9229.

Always keep the operating instructions in a safe place so they may be referenced as necessary.

All information, pictures, illustrations, and specifications are based on the product information that was available at the time of printing. Pictures and illustrations shown in these instructions are representative examples and are not intended to be exact depictions of the various parts of the product.

⚠ CAUTION

These products are designed to be fitted, applied, and installed exclusively by a healthcare professional trained for these purposes. The fitting, application, and installation by a non-qualified individual could result in serious injury.

Warranty

Our products are designed, manufactured, and produced to the highest of standards. If any defect in material or workmanship is found, **Stealth Products** will repair or replace the product at our discretion. Any implied warranty, including the implied warranties of merchantability and fitness for a particular purpose, shall not extend beyond the duration of this warranty. **Stealth Products** does not warrant damage due to, but not limited to: Misuse, abuse, or misapplication of product, and/or modification of product without written approval from **Stealth Products, LLC.** Any alteration or lack of serial number, where applicable, will automatically void all warranty.

Stealth Products, **LLC** Is liable for replacement parts only. **Stealth Products, LLC** is not liable for any incurred labor costs.

Stealth Products warrants against failure due to defective materials or workmanship:

Covers: 2 years
Hardware: 5 years
Electronics: 3 years

In the event of a product failure covered by our warranty, please follow the procedures outlined below:

Call **Stealth Products** at (512) 715-9995 or toll free at (800) 965-9229.

Request a Return Authorization (RA) form from the Returns Department and follow the documentation instructions.

You can download additional copies of this manual by accessing the Stealth website (www.stlpro.site/stealth-docs) and searching "*ARMS260-AR*" in the search bar at the top of the page.

Supplier Reference

Supplier:	
Telephone:	
Address:	
Purchase Date:	
Model:	

Warning Labels

Warnings are included for the safety of the user, client, operator, and property. Please read and understand what the signal words **DANGER**, **WARNING**, **CAUTION**, **NOTICE**, and **SAFETY** mean, and how they could affect the user, those around the user, and property.

⚠ DANGER

Identifies an **imminent** situation which, if not avoided, may result in **severe injury**, **death**, and **property damage**.

⚠ WARNING

Identifies a **potential** situation which, if not avoided, may result in **severe injury**, **death**, and **property damage**.

⚠ CAUTION

Identifies a **potential** situation which, if not avoided, may result in **minor to moderate injury** and **property damage**.

NOTICE

Identifies important information not related to injury, but possible **property damage**.

SAFETY

Indicates steps or instructions for safe practices, reminders of safe procedures, or important safety equipment that may be necessary.

Limited Liability

Stealth Products, LLC accepts no liability for personal injury or damage to property that may arise from the failure of the user or other persons to follow the recommendations, warnings, and instructions in this manual.

Stealth Products does not hold responsibility for final integration of final assembly of product to end user. **Stealth Products** is not liable for user death or injury.

Testing

Initial setup and driving should be done in an open area free of obstacles until the user is fully capable of driving safely.

Safety Precautions

- Incorrect use or installation may lead to risk of injury to the user and damage to the wheelchair or other property.
- In order to reduce these risks, you should carefully read this manual, paying attention to the safety instructions and warnings.
- Any unauthorized use of the product may lead to increased risk of accident. Carefully follow the recommendations in this manual in order to prevent accidents from use.
- The ARMS260-AR is a non-serviceable part.
- Always contact your dealer or service technician for questions concerning the operation or adjustment of the ARMS260-AR.
- Lack of regular maintenance will lead to a reduced level of performance and can lead to increased risk of accident. Carefully follow the recommended maintenance procedures in the Maintenance section of the manual.

⚠ CAUTION

Watch for pinch points while operating the ARMS260-AR. Fingers or small wires/tubing must be kept away from the flip-down sleeve while engaging.

Intended Use

This swing-away-style armrest mount is a versatile joystick mount designed to offer subtle and reliable convenience. It allows the mo-Vis All Around or mo-vis All Around Lite to be mounted laterally or mid-line with the ability to adjust the depth, tilt & rotation of the input device at multiple points.

Features

The ARMS260-AR Swing Away system allows versatile and on-demand adjustment. The system offers depth, height, and angle adjustment. Rod can be bent to accommodate specifications.* It rests within the swing away ball which allows for a 30° adjustment in any direction, and rotates 360° on its own axis as well.

Mounting

The ARMS260-AR is:

- Usable with the mo-vis All-Round or All-Round Lite joysticks.
- Usable with the HMC Compact and HMC Compact Lite joysticks.
- Usable with armrest, back, or seat rail mounting.
- **Not recommended for use with the mo-vis All-Round Heavy Duty joystick.**

NOTICE

* Cutting the rod will void the warranty.

Features of the ARMS260-AR

- Allows the mounting of mo-vis All Round or All Round Lite joysticks.
- Achieves a lateral or mid-line position.
- Offers adjustability of joystick depth, tilt, and rotation at multiple points.
- Quick & easy one-handed release mechanism for swing away.
- Swing-away mechanism swings up to 110 degrees from lock.
- Angle of swing-away movement can be adjusted at the armrest clamp.
- Compatible with multiple armrest clamps.
- Can be mounted to any seating system.
- Joystick can be mounted in a low or high position.
- Joystick can be mounted in front of or behind the ARMS260 rod.

Mounting Options

There are several mounting options available:

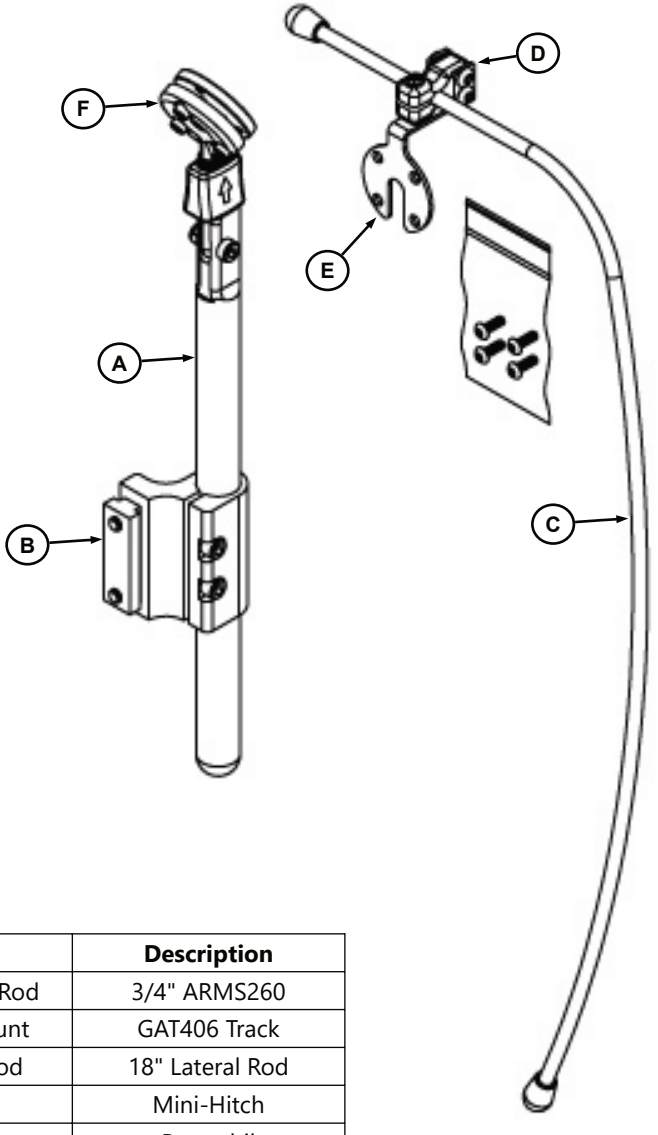
- ARM210-I
- ARM240
- ARM250-P
- ARM250-PC
- ARM250-S

NOTICE

Armrest track mounting is shown throughout this manual.
Armrest, Back, or Seat Rail mounting are also possible with this hardware.

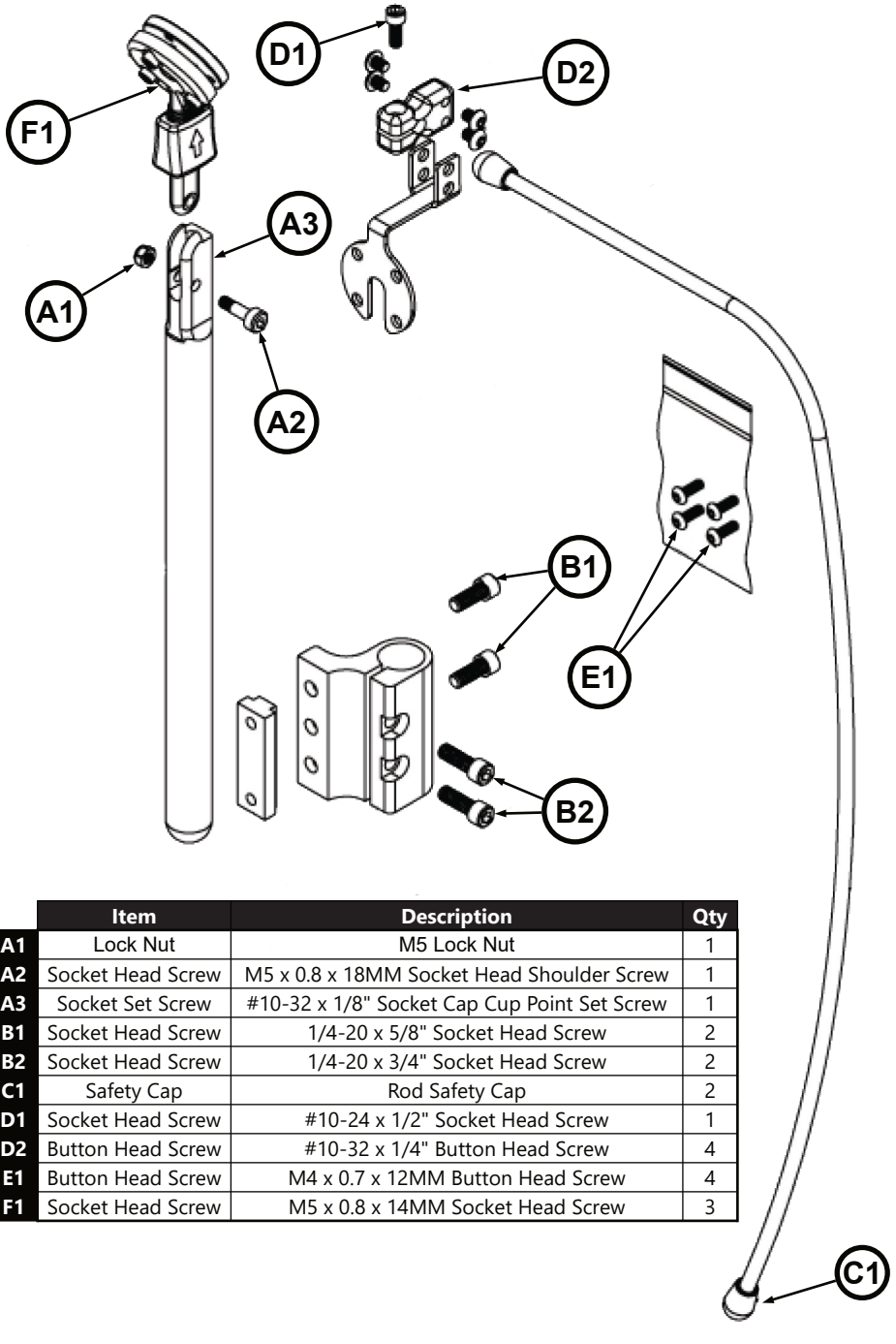
Mounting Hardware Parts

ARMS260-AR



	Item	Description
A	ARMS260 Rod	3/4" ARMS260
B	Track Mount	GAT406 Track
C	Lateral Rod	18" Lateral Rod
D	Mount	Mini-Hitch
E	Joystick Mount	Permobil
F	Ear Assembly	Swing-Away

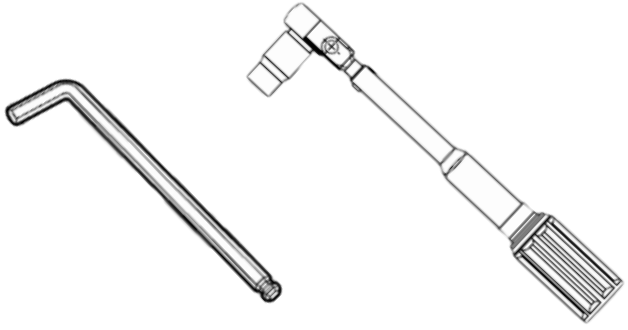
Parts and Accessories



	Item	Description	Qty
A1	Lock Nut	M5 Lock Nut	1
A2	Socket Head Screw	M5 x 0.8 x 18MM Socket Head Shoulder Screw	1
A3	Socket Set Screw	#10-32 x 1/8" Socket Cap Cup Point Set Screw	1
B1	Socket Head Screw	1/4-20 x 5/8" Socket Head Screw	2
B2	Socket Head Screw	1/4-20 x 3/4" Socket Head Screw	2
C1	Safety Cap	Rod Safety Cap	2
D1	Socket Head Screw	#10-24 x 1/2" Socket Head Screw	1
D2	Button Head Screw	#10-32 x 1/4" Button Head Screw	4
E1	Button Head Screw	M4 x 0.7 x 12MM Button Head Screw	4
F1	Socket Head Screw	M5 x 0.8 x 14MM Socket Head Screw	3

Tools

The tools you will need to complete installation are as follows:



Hardware	Description
3/16" Hex Key	Socket Head Screws on Track Mount
5/32" Hex Key	Button Head Screws on Mini-Hitch Swivel Mount
3/32" Hex Key	Socket Head Screw on Mini-Hitch Swivel Mount
4MM Hex Key	Socket Head Screw on Swing Away Ear Assembly
3MM Hex Key	Button Head Screws on Joystick Mount

Tools are not provided.

Screws	Torque Specification
#10-32 x 1/4" Button Head Screw	**65 in-lbs**
1/4-20 x 3/4" Socket Head Screw	**230 in-lbs**
#10-24 x 1/2" Socket Head Screw	**90 in-lbs**
1/4-20 x 5/8" Socket Head Screw	**230 in-lbs**
M5 x 0.8 x 18MM Socket Head Shoulder Screw	**12 N·m**
M4 x 0.7 x 12MM Button Head Screw	**2.9 N·m**
M5 x 0.8 x 14MM Button Head Screw	**12 N·m**

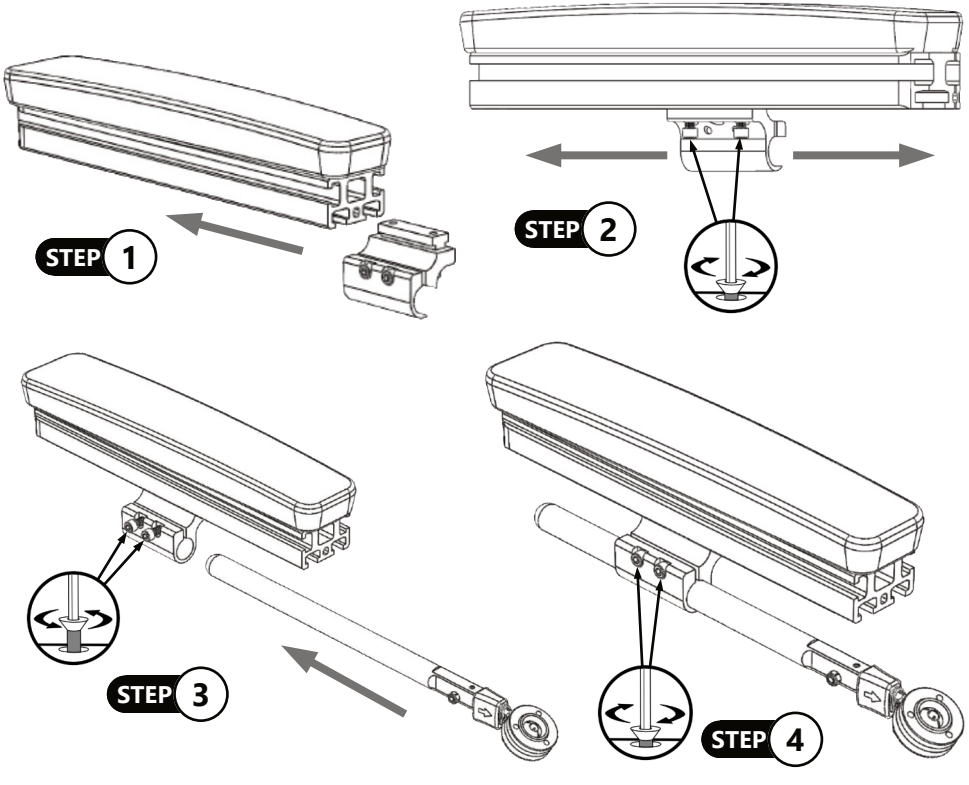
Installing ARMS260 Rod to Armrest Track

Step 1: Prior to installing the Track Mount (B) onto the track, ensure that the 1/4-20 x 5/8" Socket Head Screws (B1) are loose, but do not remove, this will allow for adjusting along the track.

Step 2: When the hardware is in the desired position along the track, tighten to 230 in-lbs of torque to hold it in place.

Step 3: Loosen the 1/4-20 x 3/4" Set Head Screws (B2) on the Cane Clamp (B). Slide the ARM260 Rod (A) through the clamp. Adjust to desired depth.

Step 4: With the ARM260 Rod (A) in the correct position, tighten the 1.4-20 x 3/4" Socket Head Screws (B2) with a 3/16" T-Handle to 230 in-lbs of torque to hold in place.



⚠ CAUTION

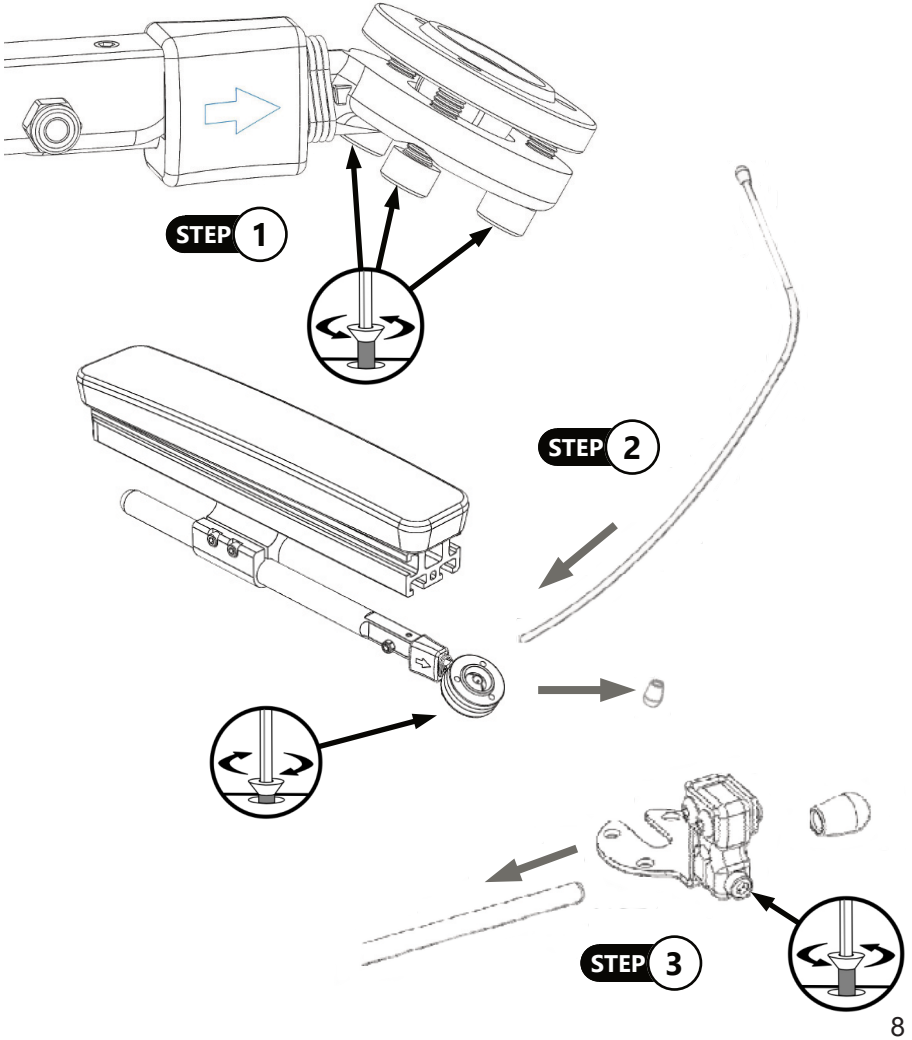
DO NOT OVERTIGHTEN FASTENERS.
This can cause premature, and sometimes sudden, failure of the fastener, possibly leading to a loss of control or stability.

Installing Joystick Mount to Lateral Rod

Step 1: Loosen the M5 x 0.8 x 14mm Socket Head Screws (F1) on the Swing-Away Ear Assembly (F).

Step 2: Install the Lateral Rod (A) into the Swing-Away Ear Assembly (F). Prior to inserting the Lateral Rod (C), remove the End Cap (C1). Insert the Lateral Rod (C) to the correct depth. Replace the End Cap (C1). Tighten the bolts (F1) to 12 N·m on the Swing-Away Ear assembly (F).

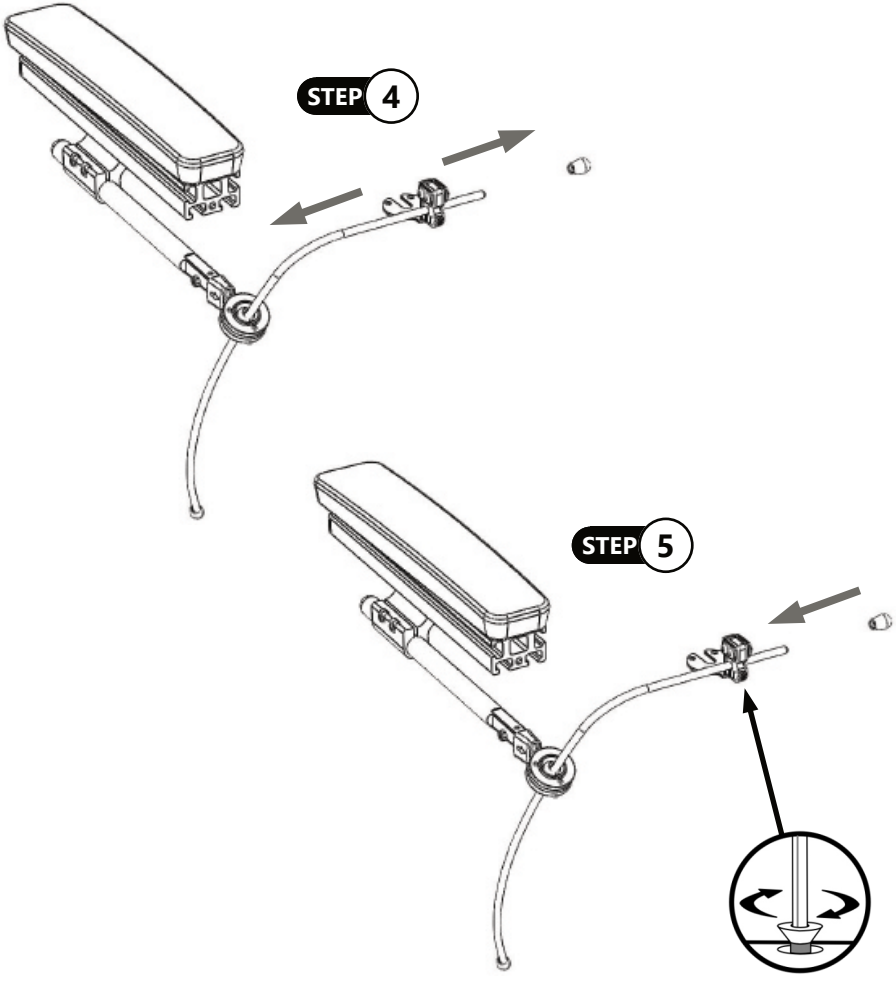
Step 3: Remove the End Cap (C1) on the top of the Lateral Rod (C). Loosen the #10-24 x 1/2" Socket Head Screw (D1) then insert the Swivel Mount (D) onto the Lateral Rod (C).



Installation

Step 4: Set the Swivel Mount (D) to the correct position, sliding horizontally.

Step 5: Tighten the #10-24 X 1/2" Socket Head Screw (D1) to 90 in-lb. to lock in place then reapply the End Cap (C1) to the Lateral Rod (A).



NOTICE

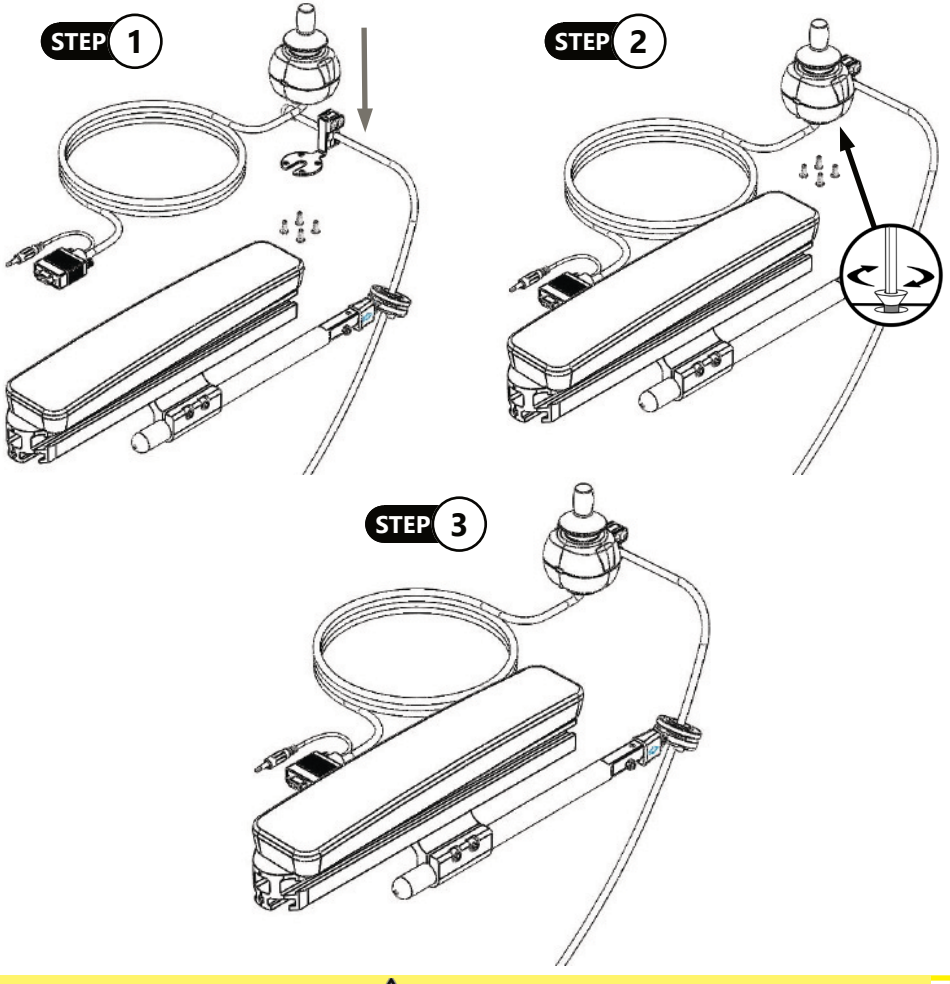
Tighten the set screws with the client in the chair and make any final adjustments necessary.

Installing the Joystick to the Mount

Step 1: With the Swivel Mount in place, align the joystick in position and place on the mount.

Step 2: Take the four M4 x 0.7 x 12mm Button Head Screws (E1) from the separate bag and tighten to 2.9 N·m to secure the joystick to the mount.

Step 3: For joystick installation, refer to the manual included with your joystick.



⚠ CAUTION

Ensure that all screws are tightened evenly on the hardware. Threads can be stripped and cause damage to the hardware if not tightened properly.

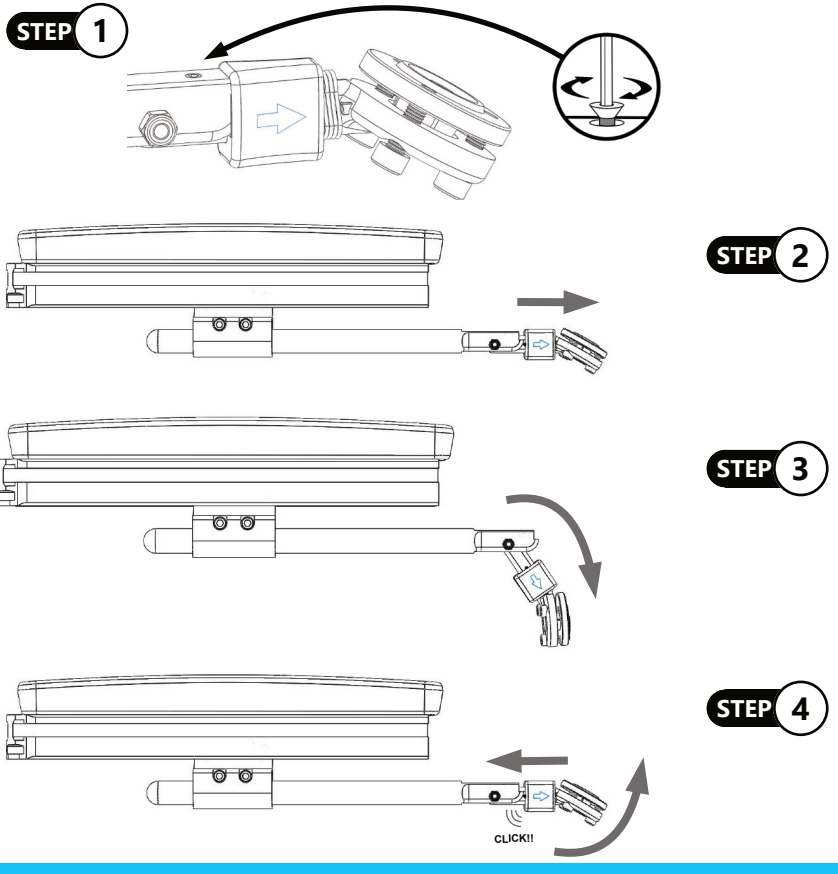
Flip-Down Mount

Step 1: Check that the #10-32 x 1/8" Socket Cap Cup Point Set Screw (A3) on the rod is tight but do not overtighten. Tighten the screw until it bottoms out, plus an additional quarter turn. Ensure that the sleeve can still disengage and engage with an audible click. Check the Flip-Down Mount instructions for how to do this.

Step 2: Sliding the flip-down sleeve forward will allow it to disengage from the rod.

Step 3: This will cause it to swing down and out of the way.

Step 4: Bringing the swing-away ear assembly back to a vertical position will cause it to engage and make an audible "click".



SAFETY

Remove hands, wires, tubing, etc. from the flip-down sleeve area when bringing it back up to the retracted position.
The sleeve can pinch items or skin, and could cause damage or injury.

Dealer Assistance

During first time use by the client, it is advised that the dealer or service technician assists and explains the configuration to the customer (the user and/or the attendant). If needed, the dealer can make final adjustments.

User Testing

It is important that the customer is fully aware of the installation of the ARMS260-AR, how to use it, and how it can be adjusted in order to gain the best positioning possible for the client. As a dealer, proceed as follows:

- Explain and show the client how you have executed the installation, and explain the function.

Have the user test the position of the ARMS260-AR:

- Is the hardware in a proper and optimal position for the client?
- Can the user safely operate the chair in the position in which they are seated?

Conditions of Use

The ARMS260-AR is intended for use as installed by the dealer, in accordance to the installation instructions in this manual.

- The foreseen conditions of use are communicated by the dealer or service technician to the user and/or attendant during the first time use.
- If the conditions of use change significantly, please contact your dealer or a qualified service technician to avoid excessive wear and tear or unintended damage.

⚠ CAUTION

These products are designed to be fitted, applied, and installed exclusively by a healthcare professional trained for these purposes. The fitting, application, and installation by a non-qualified individual could result in serious injury.

SAFETY

For joystick maintenance guidelines refer to the device's user manual.

Maintenance

- Periodically check that screws are tightened to the torque specifications listed in the front of this manual. Gently tighten any screws that may have become loose during this interval.
- Keep the hardware clean and free of dust or dirt.
- All parts should be checked on a regular basis and repaired, if necessary, by a service technician.
- If bent or broken parts are discovered, discontinue use and contact a service technician or your provider.
- Do not operate the hardware if any parts are loose or missing. Contact your service provider.
- Periodically repeat the steps from "Flip-Down Mount" section, page 11:
  - Ensure that the Socket Cap Cup Point Set Screw (A3) is still tight but not over-tightened. Tighten the screw until it bottoms out, and then tighten it an additional quarter-turn.
  - Ensure that the sleeve still engages properly and makes an audible 'click' when returned to the retracted position. If the latch does not engage, check the path for contamination or contact your service provider.

Cleaning

- Remove surface dirt and grime with a soft cloth moistened with water and a mild detergent.
- Rinse surfaces thoroughly with clean water and wipe dry.

Disinfection

- Use a damp cloth with any disinfectant detergent and lightly rub the hardware surfaces.
- Rinse thoroughly with clean water.

Notes

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Warranty Information

Home Page

Online User Manual

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