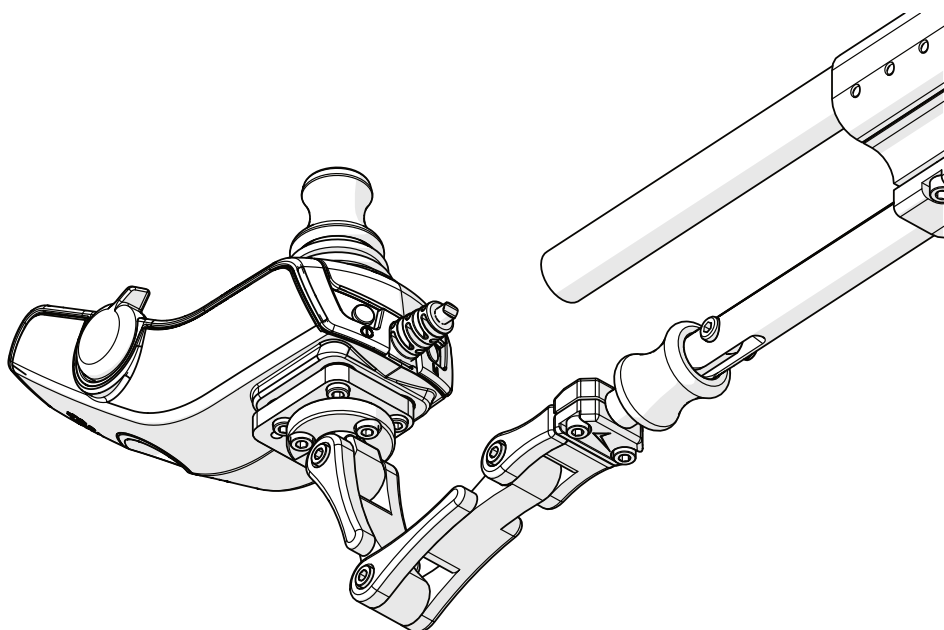


Stealth Products
®



**Mounting
Hardware**



Flip-Down Link-Style Joystick Mount

for Q-Logic, NE, and NE+ Joysticks

Owner's Manual - Maintenance Guide

UDC2633260



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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.

You may reach us at:

Stealth Products, LLC
104 John Kelly Drive, Burnet, TX 78611



Phone: (512) 715-9995
Fax: (512) 715-9954

Toll Free: (800) 965-9229
Toll Free: (800) 806-1225

info@stealthproducts.com
www.stealthproducts.com

EU REP EMERGO EUROPE BV Westervoortsedijk 60 6827 AT Arnhem The Netherlands	CE GELBART AG Tribtschenstrasse 64 CH-6005 Luzern Switzerland	UK Authorized Representative EMERGO CONSULTING (UK) LTD. c/o Cr360 - UL International Compass House, Vision Park Histon Cambridge CB24 9BZ United Kingdom UK CA
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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.

Important Information

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 "P139D510" 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

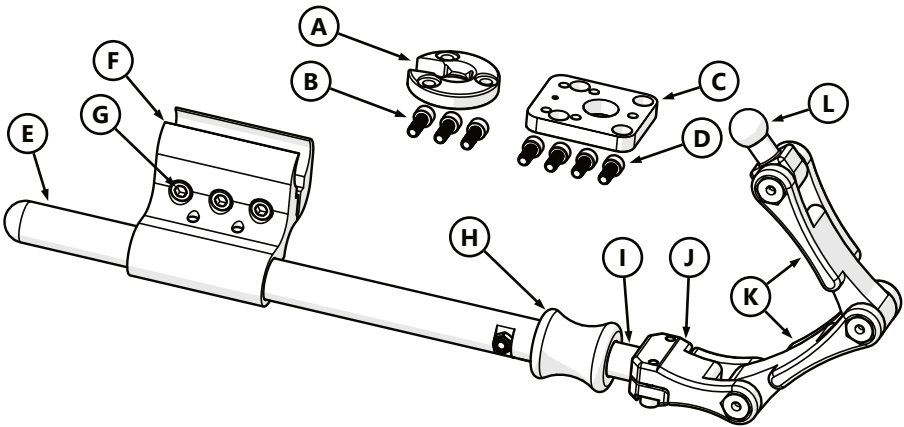
Initial setup and driving should be done in an open area free of obstacles until the user is fully capable of driving safely.

Intended Use

The **UDC2633260** hardware is intended to provide a sleek, reliable, and easy-to-operate mounting solution for a compact joystick on a power wheelchair.

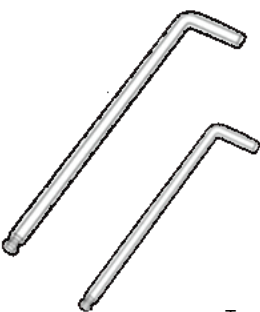
Stealth's link-style mounting hardware provides nearly limitless adjustment capabilities to accommodate most positioning requirements. The flip-down mount allows the joystick to be rotated away without removing it from the chair, aiding transfers and assists, while mitigating the chance of loss due to misplacement of the device.

Parts Included



	Part Number	Description
A	SUH100-35	Split 3-Hole Ring
B	M5 x 0.8 x 14MM SHS	M5 x 0.8 x 14mm Socket Head Screws
C	GAT400-65M	Q-Logic Interface Plate Metric
D	M5 x 0.8 x 12MM SHS	M5 x 0.8 x 12mm Socket Head Screws
E	TWB480-80	.75 in. Round FDM Rod, No Slot
F	ARM240	Non-Adjustable Mounting Clamp
G	M6 x 1 x 25MM SHS	M6 x 1 x 25MM Socket Head Screws
H	TWB480-71	Flipdown Sleeve, Red
I	TWB480-79	Flipdown Stem, 17mm Ball
J	MNT04	17mm Headrest Mount
K	LNK03	3" UniLink
L	BLL03	17mm Ball

Tools



Hardware
4mm Hex Wrench
Torque Wrench
Hex Bits

Tools are not provided.

 CAUTION

Any connection must always be secured with all delivered screws.
Use only the screws provided in the package.

Torque Specifications

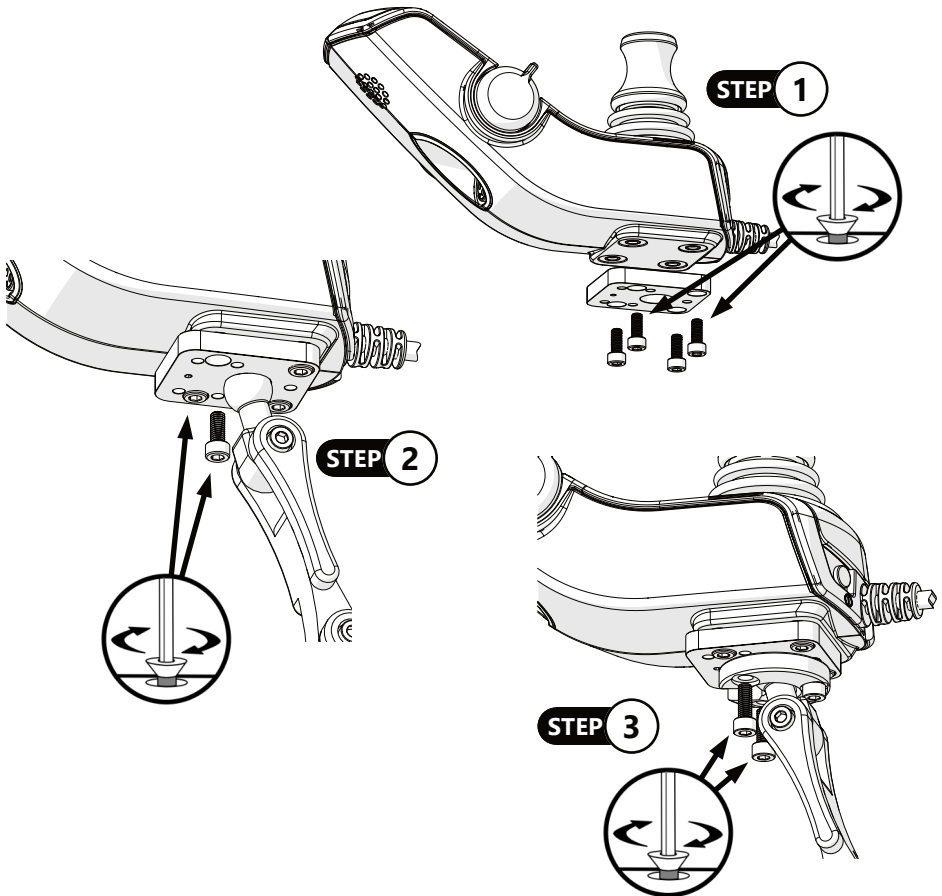
Screws	Torque Specifications
M5 x 0.8 x 12mm	6.8 N·m 5 ft-lb
M5 x 0.8 x 14mm	
M5 x 0.8 x 16mm	
M5 x 0.8 x 25mm	
M6 x 1.0 x 20mm	11 N·m 8.1 ft-lb
M6 x 1.0 x 25mm	

 CAUTION

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

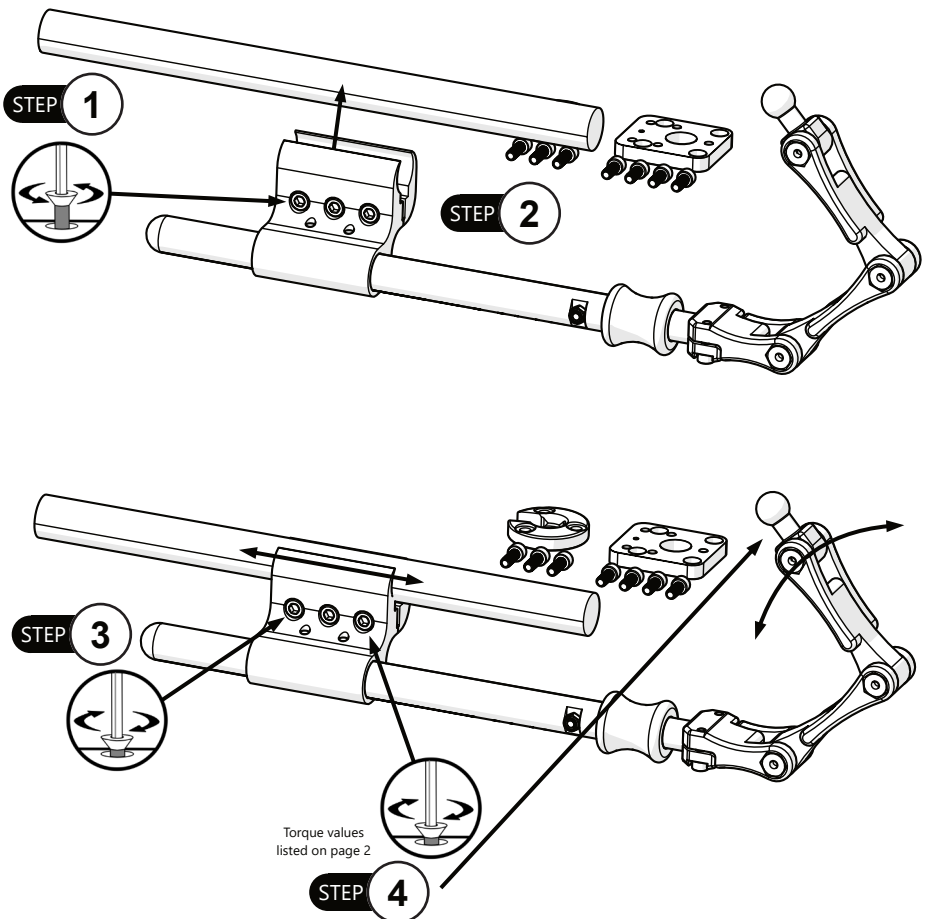
Joystick Installation

- Step One:** Place the Q-Logic Interface Plate Metric (C) on the bottom of the joystick and insert the four M5 X 0.8 X 12mm Socket Head Screws (D). Tighten the screws to secure the plate to the joystick.
- Step Two:** Align the 17mm ball with the large hole in the center of the interface plate. The interface plate will sit on top of the ball, and be held in place with a ring that is installed in the next step.
- Step Three:** Slide the Split 3-Hole Ring (A) onto the shaft below the 17mm ball and secure it to the interface plate using the three M5 x 0.8 x 14mm Socket Head Screws (B). Tighten the screws evenly, ensuring the gap a between the interface plate and the split ring is even all the way around.



Installation to the Armrest

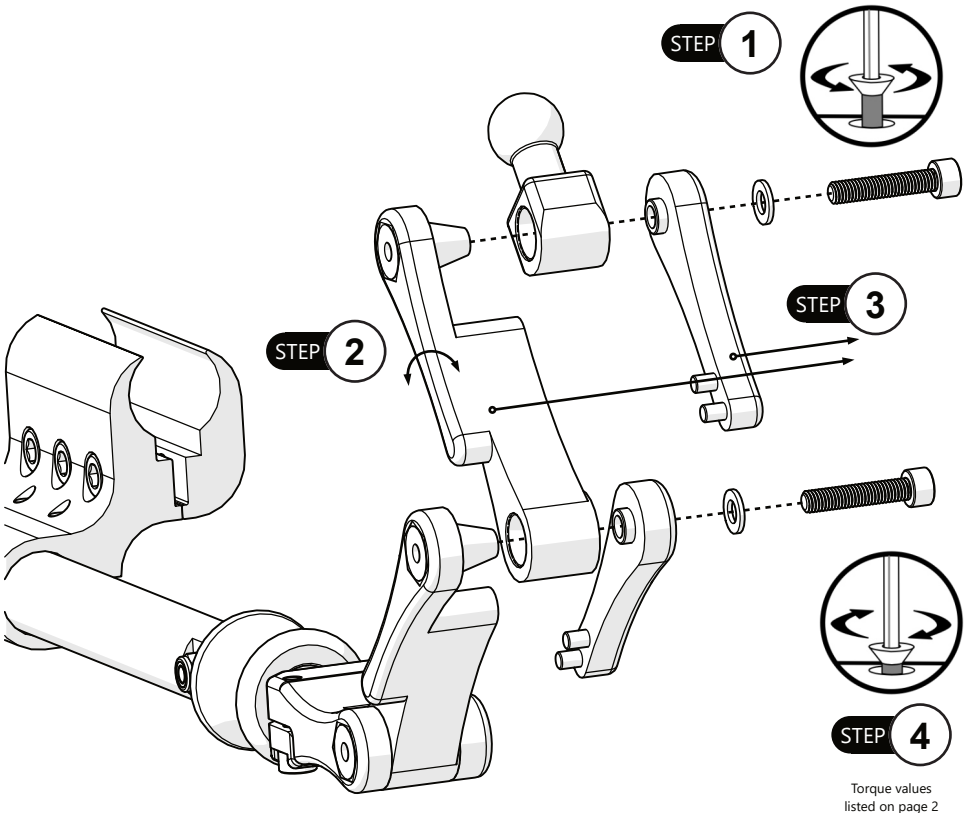
- Step One:** Loosen the three M6 x 1.0 x 25mm Socket Head Screws until the gap between the claw and the jaw is wider than the tube onto which you are installing the clamp.
- Step Two:** Place the tube inside the claw of the clamp and squeeze the claw and jaw together to hold the tube inside the clamp.
- Step Three:** Tighten the M6 x 1.0 x 25mm Socket Head Screws until the clamp is secure on the tube.
- Step Four:** Verify the orientation of the joystick mount and torque the fasteners to the values shown on page 2.



Adjustment Instructions

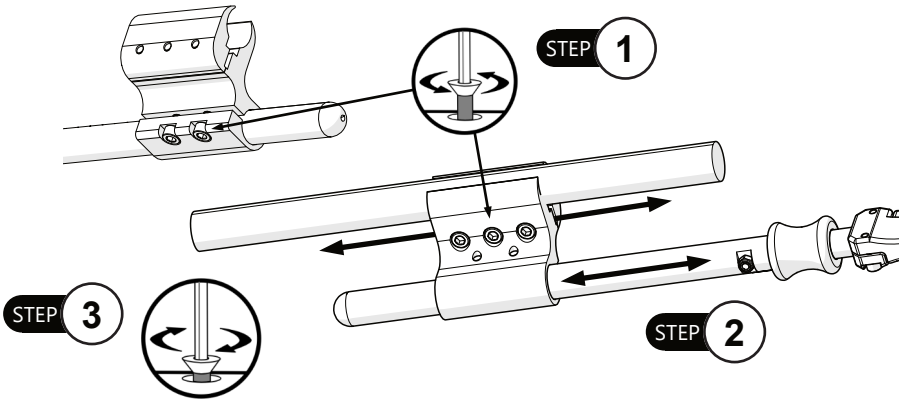
Adding/Adjusting Links

- Step One:** The M5 x 0.8 x 25mm Socket Head Screw can be loosened at the lower joint of each link to angle adjust the link or it can be removed to replace the link segment.
- Step Two:** If adjusting the the segment, rotate it to the new position and tighten the M5 x 0.8 x 25mm Socket Head Screw to secure it in the new position. The joint may be tight from the previous torque and may require a bit of force at the beginning of the adjustment. It should rotate freely once it releases.
- Step Three:** If removing or adding a link segment, remove the fastener and washer. Lift away the cap and gently twist to uninstall the link. To replace the link, place the new link, or ball, on the cone, reinstall the cap and insert the M5 x 0.8 x 25mm Socket Head Screws. Tighten to secure the link in the desired position.
- Step Four:** After reassembly, be sure to tighten the M5 x 0.8 x 25mm Socket Head Screws to the torque specifications located on page 2.



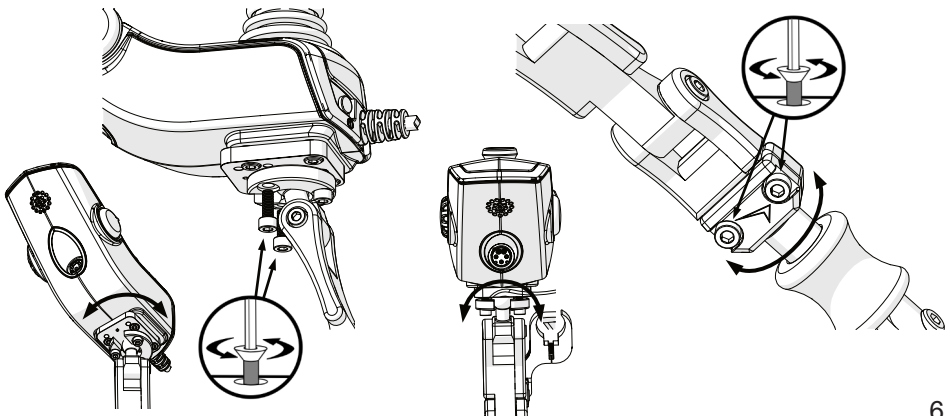
Depth Adjustment

- Step One:** Loosen the three bolts securing the clamp to the armrest tube, or the two bolts securing the clamp to the FDM Rod.
- Step Two:** Move the clamp or the stem forward or backward the required amount to achieve the depth desired.
- Step Three:** Tighten the bolts to the torque specification called out on Page 2.



Lateral/Angle Adjustment

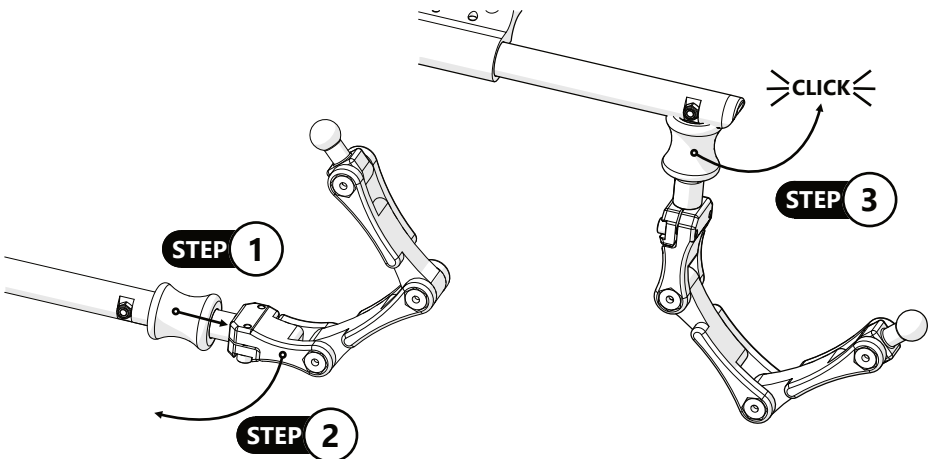
- Step One:** Locate the 17mm ball mount at the base of the joystick mount, or the clamp at the end of the FDM Rod.
- Step Two:** Loosen the three screws securing the joystick mount to the 17mm ball and adjust it to the desired angle, or loosen the two screws securing the link assembly to the end of the FDM Rod and rotate it left or right to the desired angle.
- Step Three:** Tighten the screws to secure the joystick mount or link assembly at the desired angle.



Operating Instructions

Flip-Down Operation

- Step One:** To flip down the joystick mount, locate the red flip-down sleeve where the FDM Rod meets the links. Press it forward and towards the link side to release it.
- Step Two:** As the joystick mount and links flip down, remove your hand from the flip-down sleeve area, as the spring in the sleeve could cause it to pinch skin.
- Step Three:** To return the joystick mount to the upright position, rotate it up into position until the flip-down sleeve makes an audible click. Test it to make sure it is locked in the upright position prior to releasing the joystick mount.



CAUTION

Ensure the red flip-down sleeve freely rotates 360°. If the flip-down sleeve will not rotate, the hardware will not work properly. The sleeve will produce an audible click as the unit is raised and locked into the horizontal position.

CAUTION

Use caution when lifting the flipped-down joystick mount while powered on. Flipping down the joystick mount does NOT disengage the controls. For safety, power off the chair before flipping down the joystick mount.

SAFETY

Move hands away from the flip-down sleeve area when returning the swing-away back to a horizontal state. The sleeve can pinch fingers or skin while moving and lead to 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.



WARNING

The **UDC2633260** should only be prescribed and fitted by qualified health care professionals.

User Testing

It is important that the customer is fully aware of the installation of the **UDC2633260**, how to use it, and how it can be adjusted to fit the client comfortably. 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 **UDC2633260**.

- Is the hardware in the proper position for the client?
- Can the user safely operate the chair?

If needed, adjust the hardware to the proper position.

Explain to the customer any possible issues and how to address them.

Conditions of Use

The **UDC2633260** 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.

Cleaning

- Wipe hardware clean with a damp cloth and mild, non-abrasive cleaner.
- Ensure any cleaners used to disinfect are approved for cleaning aluminum surfaces.

Maintenance

- All parts should be checked on a regular basis and repaired, if necessary, by a service technician.
- Discontinue use after identifying loose or broken components.
- Periodically check the flip-down sleeve. Test that it engages properly, rotates freely about the rod, and makes an audible 'click' when flipped up to the horizontal position.
- Check that the joystick mount is secure.
- Check the M5 bolt on the horizontal bar. Tighten if it has become loose.
- To prevent screws from seizing, reapply copper anti-seize as necessary.



WARNING

Failure to comply with these warnings could result in serious bodily harm.

[illegible]



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Warranty Information



Home Page



Online User Manual



Stealth Products, LLC · info@stealthproducts.com · www.stealthproducts.com
(800) 965-9229 | (512) 715-9995 | 104 John Kelly Drive, Burnet, TX 78611

P139D510R6

Aug 12, 2026