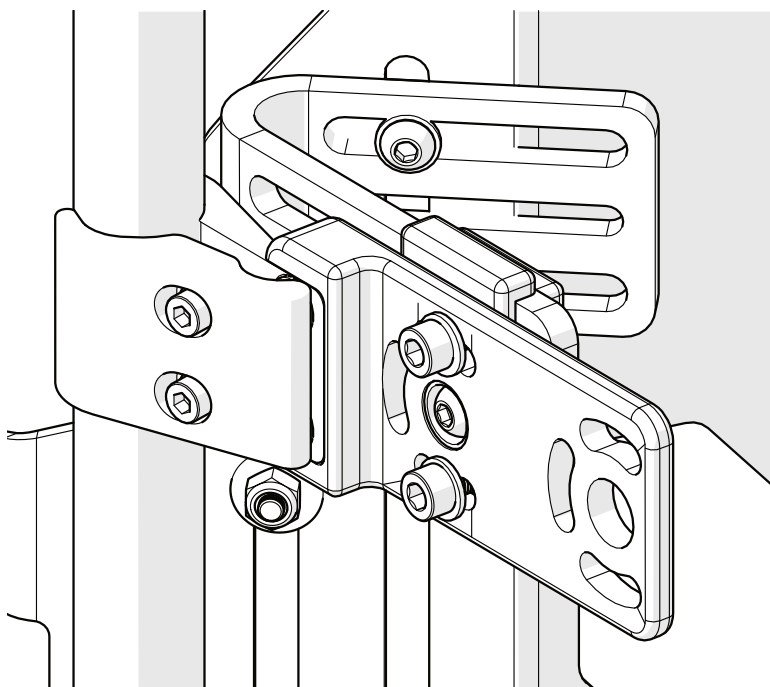




**Backs &
Support**



TFB

Simple Solutions Fixed Hardware

Owner's Manual - Maintenance Guide

True Forming Back -Simple Solutions Stability Hardware



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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




<div><div>EC</div><div>REP</div></div> <div>MDSS GmbH Schiffgraben 41 30175 Hannover Germany</div>	<div><div>CH</div><div>REP</div></div> <div>SODIMED SA Chemin Praz Devant 12 1032 Romanel sur-Lausanne Switzerland</div>	<div>UK Authorized Representative</div> <div>MDSS-UK RP 6 Wilmslow Road, Rusholme Manchester M14 5TP United Kingdom</div>
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General

Read and understand all instructions prior to the use of this 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 instructions and warnings, and maintain our products according to our instructions on care and maintenance. The installation instructions will guide you through this products' 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 descriptions 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 and 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 (<https://stlpro.site/stealth-docs>) and searching "P136D687" 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

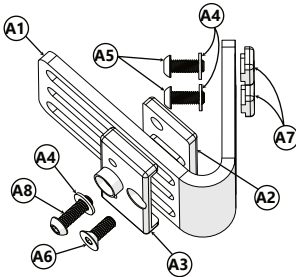
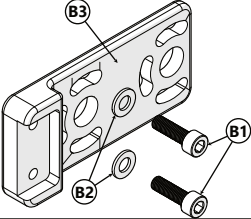
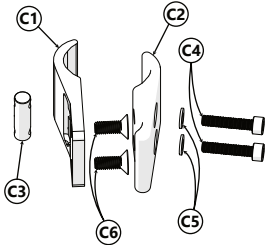
Initial setup and driving should be done in an open area free of obstacles until the user is fully capable of driving safely.

Design and Function

Intended Use

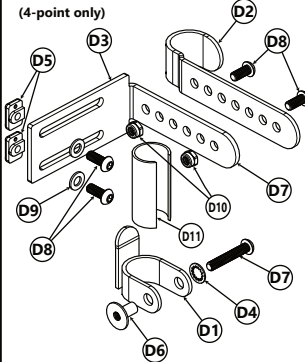
The **Simple Solutions Fixed** hardware is intended to provide a versatile mounting solution for end users who require a fixed mounting hardware for the True Forming Back (TFB) family. The hardware features isolated depth and angle adjustments that provide trouble-free adjustability.

Parts Breakdown

Item	ID	Part Number	Description	Qty.
A. Mounting Bracket 45° bracket shown. 	A1	BKT24 (45°) BKT28 (90°)	Bracket, Depth Adjustable Back	1
	A2	BKT22	Bracket, Boss Plate	1
	A3	BKT23	Bracket, Nut Plate	1
	A4	M6 SSW	0.5 OD x .266 ID x .250 Thick Washer, Black Oxide	3
	A5	M6x1x16MM BHS	M6x1x16mm Button Head Screw	2
	A6	M6x1.0x16 FHS	M6x1x16mm Flat Head Screw	1
	A7	TFB200-88	Single Hole T-Nut Metric	2
	A8	M6x1.0x20MM BHS	M6x1x20mm Button Head Screw	1
B. Angle Adjustment Plate 	B1	M6x1x20MM SHS	M6x1x20mm Socket Head Screw	2
	B2	M6 SSW	0.5 OD x .266 ID x .250 Thick Washer, Black Oxide	2
	B3	BKT21	Bracket, Back Angle Mount	1
C. Back-Post Clamp 	C1	CLP02	Inside Clamp	1
	C2	BR5002	Quick Release Seat Back - Outside Clamp	1
	C3	BR5034	Backing Pin	1
	C4	M5x0.8x25MM SHS	M5x0.8x25MM Socket Head Screw	2
	C5	M5 FW	M5 Flat Washer, A2 S/S, Black Oxide (5.3mm ID x 10mm)	2
	C6	M6x1.0x16MM FHS	M6x1.0x16MM Flat Head Screw	2


NOTICE

Refer to the manual that came with your back shell for more specific installation information.

Item	ID	Part Number	Description	Qty.
A. J & L Hardware (4-point only) 	D1	SSS200-36	1" Hold Down Drop Stop Weldment	1
	D2	SSS200-152	1 IN 7 Hole J-Hook	1
	D3	SSS200-153	Double Slot Adjustable L-Bracket	1
	D4	67582247	5/16 4 10 Internal Tooth H-Lock Washer	1
	D5	TFB200-88	Single Hole T-Nut Metric	2
	D6	M6x1x14.3MM RBW	M6x1mm Thread, 14.3mm Barrel Height Round Base - Base Weld Nut.	1
	D7	M6x1x35MM BHS	M6 x 1 x 35MM Button Head Screw	1
	D8	M6x1x16MM BHS	M6 x 1 x 16MM Button Head Screw	4
	D9	M6 SSW	0.5 OD x .266 ID x .250 Thick Washer, Black Oxide	2
	D10	M6x1.0 NLN	M6 - 1.0 Nylon Lock Nuts, Low Profile, 18-8 S/S, BI	2
	D11	BR2020	2IN x 1IN OD x .875IN ID Reducer	2

Preparations

Only a qualified service technician may install the **Simple Solutions Fixed** hardware.

**WARNING**

An incorrect installation of the Simple Solutions Fixed hardware and/or its accessories can cause damage to the hardware and/or injury to the user.

Installation Plan

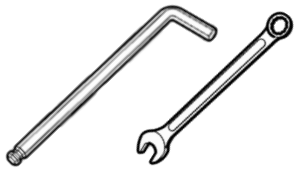
Set up an installation plan before beginning the installation. This plan should take into account:

- Where the **Simple Solutions Fixed** hardware will be placed and how it will be adjusted.
- Sufficient clearance for other hardware, such as wings or laterals that may be required.


Required Tools

Use the proper tools to install and adjust the **Simple Solutions Fixed** hardware to the desired position for the user.

The tools needed to install the **Simple Solutions Fixed** hardware are as follows:

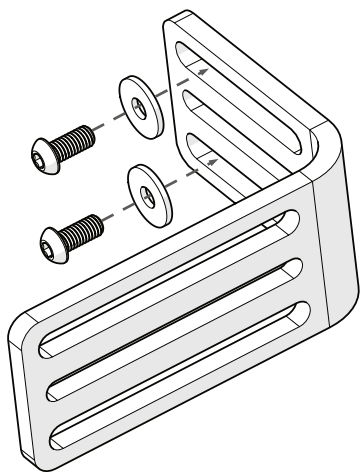


Hardware	Description
4mm Hex Key	Flat and Button Head Screws
10mm Combo Wrench	4-point installation, Nylon Lock Nuts

**CAUTION**

The use of improper tools may cause damage to the device. Any connection must always be secured with all delivered screws. Use only the screws included in the package.

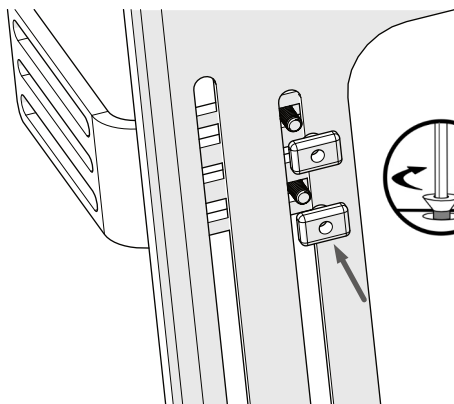
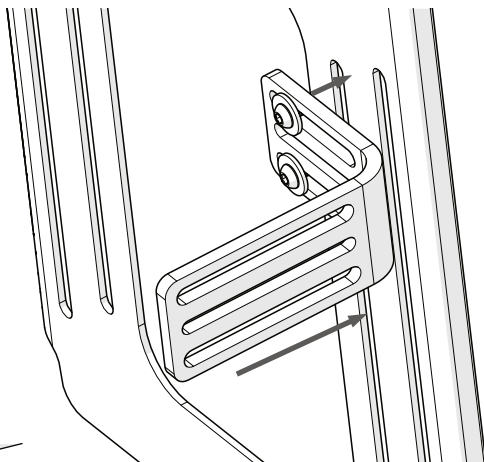
Mounting the Hardware to the Back Shell



Step One: Place M6x16mm Button Head Screws (A5) and M6 Washers (A4) in the top and bottom slot of the Mounting Bracket (A)*.

* Bracket shown without hardware for clarity. 90° Bracket shown; 45° may be used. Both will follow the same directions.

Step Two: Insert the screws and the mounting bracket into one of the mounting slots on the back shell.



Step Three: Thread a Single Hole T-Nut (A7) onto each screw. Make sure the grooves in the T-nut line up with the edges of the slot. Lightly snug the screw to hold the mounting bracket in place.

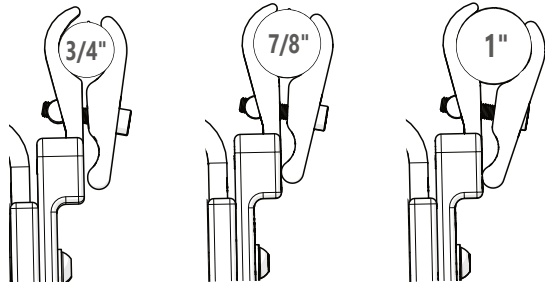
Step Four: The J & L mounting brackets follow the same procedure to install on the lower portion of the back shell in 4-point installations. Align the mounting brackets with the slots in the back shell and lightly snug the M6x16mm Button Head Screws (A5) to hold the mounting brackets in position.

NOTICE

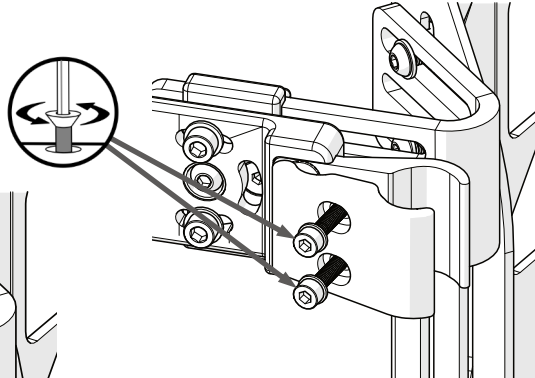
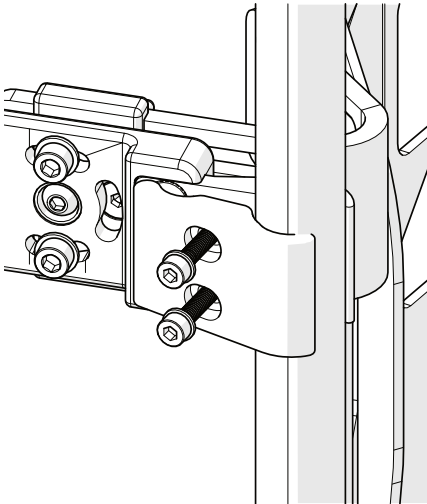
Altering the hardware in any way and/or improper installation will void the warranty.

Mounting the Hardware to the Back Posts

The Back Post Clamp can be simply installed on 3/4", 7/8" and 1" back posts.

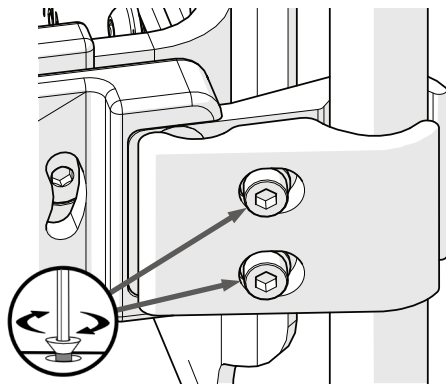


Step One: Loosen the M5x0.8x25mm Socket Head Screws (C4) on the Back Post Clamps.



Step Two: Place the hardware in position so the back posts are located between the Inside Clamp (C1) and the Outside Clamp (C2).

Step Three: Position the back post clamps at the proper height on the back post and tighten the M5x0.8x25mm Socket Head Screws to secure the mounting hardware to the back posts.



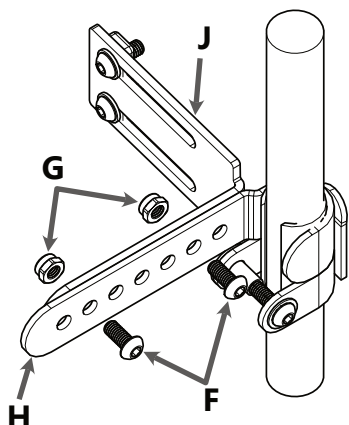
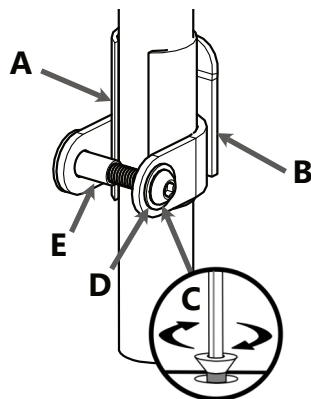
SAFETY

Always check all mounting hardware, making sure each fastener is tightened properly before using the back support.

Mounting the J & L Hardware

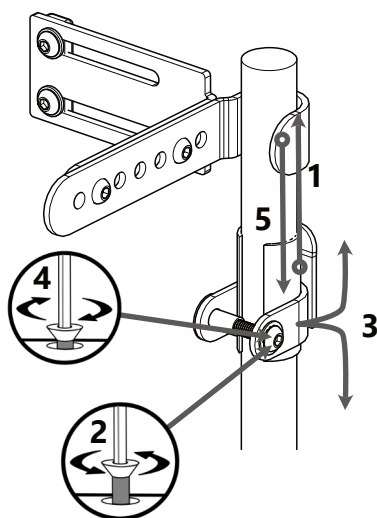
4-point installations require the J & L hardware in the lower position. Depending on the back shell installed, you will use a 45° or 90° bracket* to mount this hardware to the back shell. (J & L is not included with 2-point or HD installations.)

Step One: For one inch canes, the Hold Down Drop Stop Weldment (**B**) can be placed directly on the cane. For 7/8" tubing, place the BR2020 Reducer and then the Weldment (**B**). Position it in the proper vertical position on the cane and secure with the M6 x 1 x 35mm Button Head Screw (**C**), 5/16" 4 10 Internal Tooth H-Lock Washer (**D**) and M6 x 1 x 14.3mm Round Base - Weld Nut (**E**).



Step Two: To adjust the mounting hardware for depth, remove the two M6 x 1 x 16mm Button Head Screws (**F**) and M6 x 1 Nylon Lock Nuts (**G**) holding the 1 IN 7 Hole J-Hook (**H**) from the Double Slot Adjustable L-Bracket (**J**). Adjust the bracket to the desired holes and reinstall the screws to secure it in place.

Step Three: To adjust for height, the weldment can be loosened and matched to the rest of the 4-point hardware using #1 - #5 as shown in the image to the right..



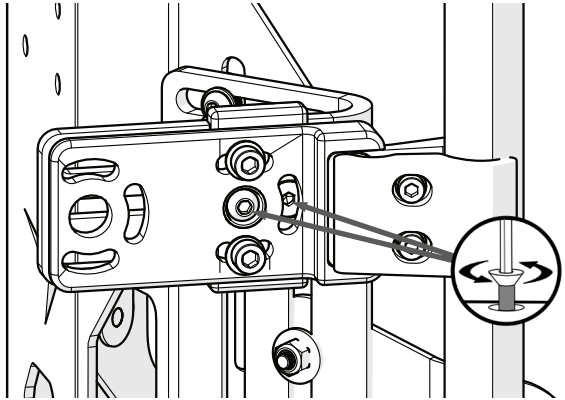
Adjustments

Depth Adjustment

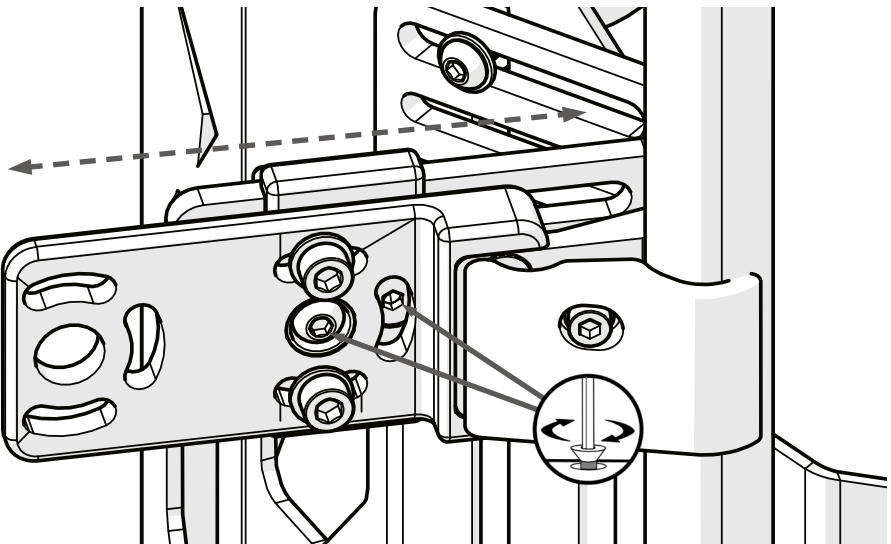
Note: The Angle Adjustment Plate has two mounting positions, 2" (51mm) apart. This allows a total of 4.5" (115mm) of total depth adjustment.

Step One: Loosen the M6x1x16mm Flat Head Screw (A6), the M6x1x20mm Button Head Screw (A8) on the mounting brackets.

(Note: The Flat Head Screw is loosened through the opening in the bracket.)



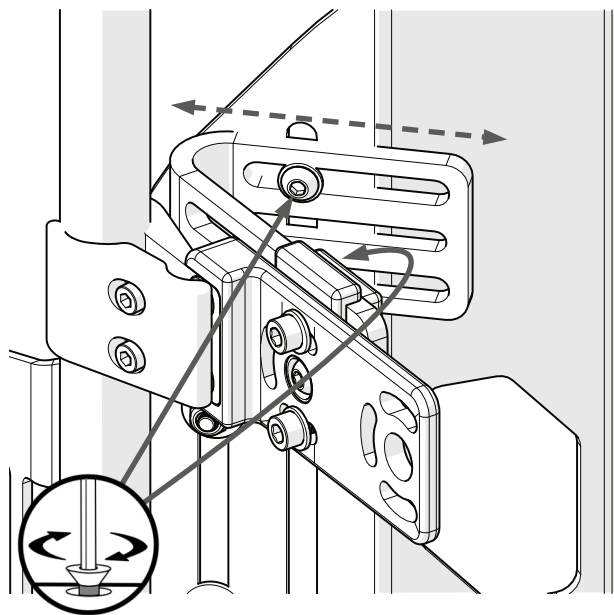
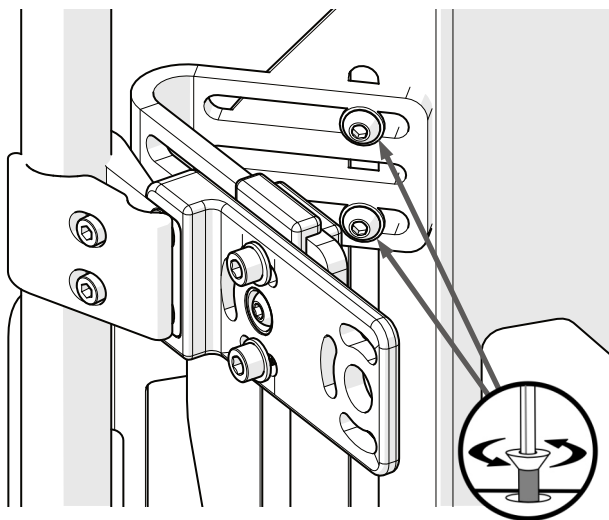
Step Two: Slide the back shell forward or backward to the desired depth. (Note: L-Brackets can be reversed to allow for more or less depth adjustment. This change affects width adjustability in a similar manner.)



Step Three: Secure the back in the new position by tightening the M6x1x16mm Flat Head Screw (A6), the M6x1x20mm Button Head Screw (A8).

Width Adjustment

Step One: Loosen the M6x16mm Button Head Screws (A5) on both left and right mounting brackets (A1).



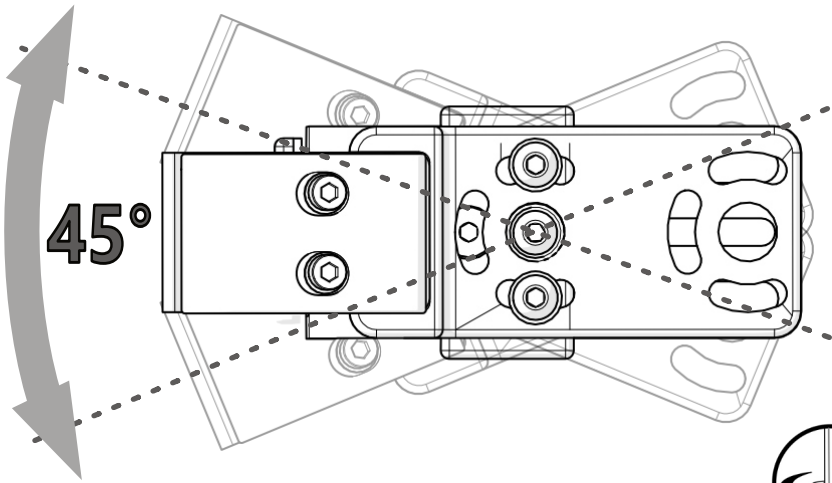
Step Two: Position the mounting brackets (A1) at the desired width.

Step Three: Secure the mounting brackets (A1) by tightening the two M6x16mm Button Head Screws (A5).

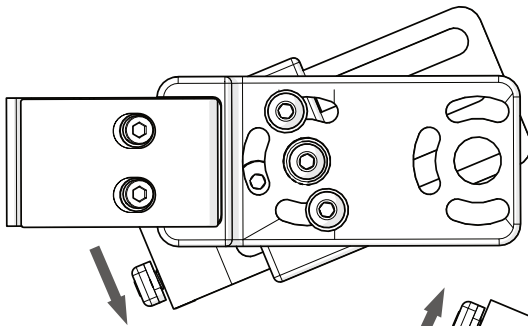
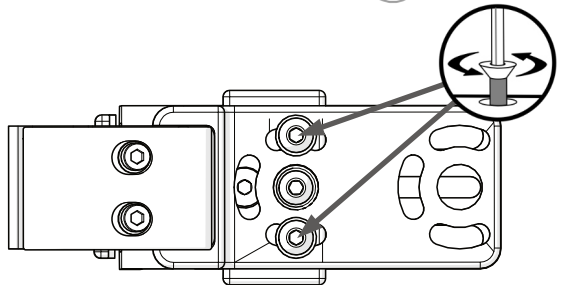
(Note: L-Brackets can be reversed to allow for more or less width adjustability. This change will affect depth adjustability similarly.)

Angle Adjustment

Simple Solutions Fixed mounting hardware allows the back shell to pivot 22.5° up or down.

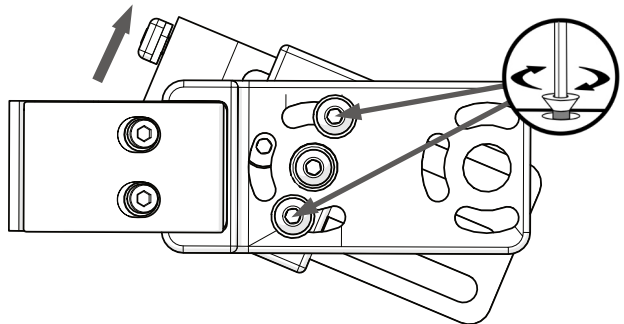


Step One: Loosen the two M6x1x20mm Socket Head Screws (B1) on both left and right mounting brackets.



Step Two: The angle plate allows for 22.5° of adjustment in either direction. Tilt the back shell to the desired angle.

Step Three: Tighten the M6x1x20mm Socket Head Screws (B1) to secure the back at the new angle.



Dealer Assistance

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

User Testing

It is important that the customer is fully aware of the installation, how to use it, and what can be adjusted in order to gain as much mobility as possible. As a dealer, proceed as follows:

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

Have the user test the position of the **Simple Solutions Fixed** Hardware.

Is the hardware in the proper position for the client?

- Can the user safely operate all controls with minimal effort?
- If needed, make any adjustments to the positioning.

Explain to the customer possible problems and how to address them.

Conditions of Use

The **Simple Solutions Fixed** hardware is intended for use as installed by the dealer, in accordance with 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 usage conditions change significantly, please contact your dealer or a qualified service technician to avoid excessive wear and tear or unintended damage.

Cleaning

- Use a soft cloth to clean the hardware.
- Ensure all cleaners are approved for finished steel, aluminum, plastic, and upholstered surfaces.
- A brush with soap and water can be used to remove any dirt and debris.

Disinfection

- Wipe gently with a cloth dampened with a household disinfectant.
- Allow foam to air dry thoroughly.

Maintenance

These care and guideline instructions will keep the hardware and covers in good condition for a longer period of time and prevent damage.

- Check and tighten all fasteners on a regular basis. Do not overtighten the fasteners.
- Repair or replace parts as needed.
- Gently remove dust and dirt from hardware with a damp cloth as necessary.



WARNING

Maximum Weight Capacity:

2- and 4-point: 300 lbs.

4-point Heavy Duty: 600 lbs.



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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

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