



## Foot Support

# Padded Foot Supports

### Intended Use

The **Stealth Positioning™** line of pelvic belts, vests, chest straps and foot positioners are intended to help wheelchair users attain proper alignment of the torso, pelvis and feet. Stability and clinical posture are improved through the use of structured support. Comfort is improved through the use of soft and breathable materials.

Foot positioning impacts proper seating and safety. Foot positioners allow flex and stretch, enabling the individual to benefit from movement within a controlled range and helping to balance the lower body in response to upper body movements. Correct foot positioning results in:

- Increased stability for function;
- Sustained hip and knee positioning;
- Increased foot protection;
- Improved foot circulation;
- Reduction of posterior pelvic tilt; and,
- Easier self-positioning.

### Padded Foot Support Installation

**Stealth Positioning Padded Foot Supports** are comprised of one or two pieces: a foot support pad that mounts to the chair's footplate, and an optional posterior ankle support that attaches to the foot support pad and leg rest canes via hook-and-loop straps.

The preferred method of attaching the foot support pad is with two or four screws through the wheelchair footplate, depending on size. If drilling holes and using screws is not an option, the hook side of hook-and-loop tape may be used to secure the underside of the foot support pad to the footplate(s).

Instructions to locate and drill holes in the footplate(s) to mount the foot support pad are included, if required, on the removable template starting on the next page.

To install the foot support pad to the wheelchair footplate(s):

1. If your wheelchair footplate(s) do not have existing holes or slots to accommodate the mounting screws for the foot support pad, follow the instructions on the template included at the center of this manual to locate and drill mounting holes in the footplate(s).
2. If an ankle support is to be mounted, attach it to the foot support pad prior to installing the foot support pad to the wheelchair footplate(s), using the hook-and-loop straps located along the bottom edge of the ankle support pad.
3. Having completed the mounting hole location and drilling, if required, and the ankle support installation to the foot support pad, position the foot support pad on the footplate and secure it from underneath using the M6 x 1 x 12mm button head screws.

### Alternative Footplate Installation

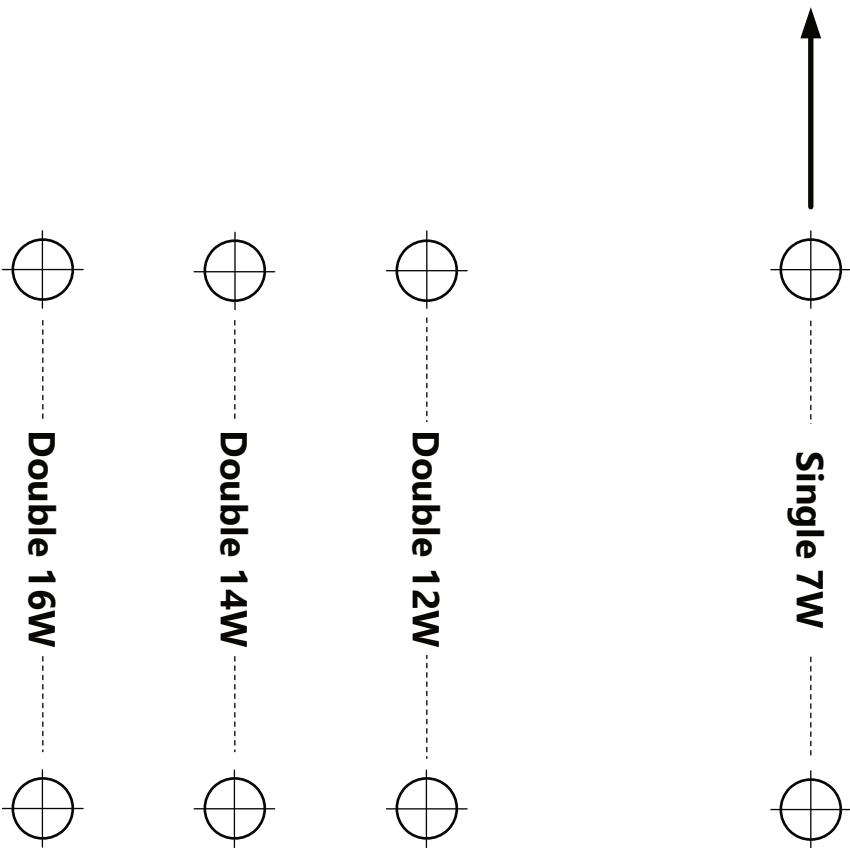
In lieu of drilling the footplate, the hook side of adhesive hook-and-loop tape may be applied to the footplate. The bottom of the foot support is comprised of loop fabric that will adhere to the hook side of hook-and-loop tape.

### Posterior Ankle Support Installation, Swing-Away Footplates

The posterior ankle supports are secured to the foot support pads via hook-and-loop straps located on the lower edge of the posterior ankle support. The hook-and-loop straps are fitted to the foot support pad prior to installation of the foot support pad to the wheelchair footplate. The posterior ankle supports are then attached to the leg rest tubes via configurable hook-and-loop straps and D-rings located around the upper edge of the posterior ankle support.

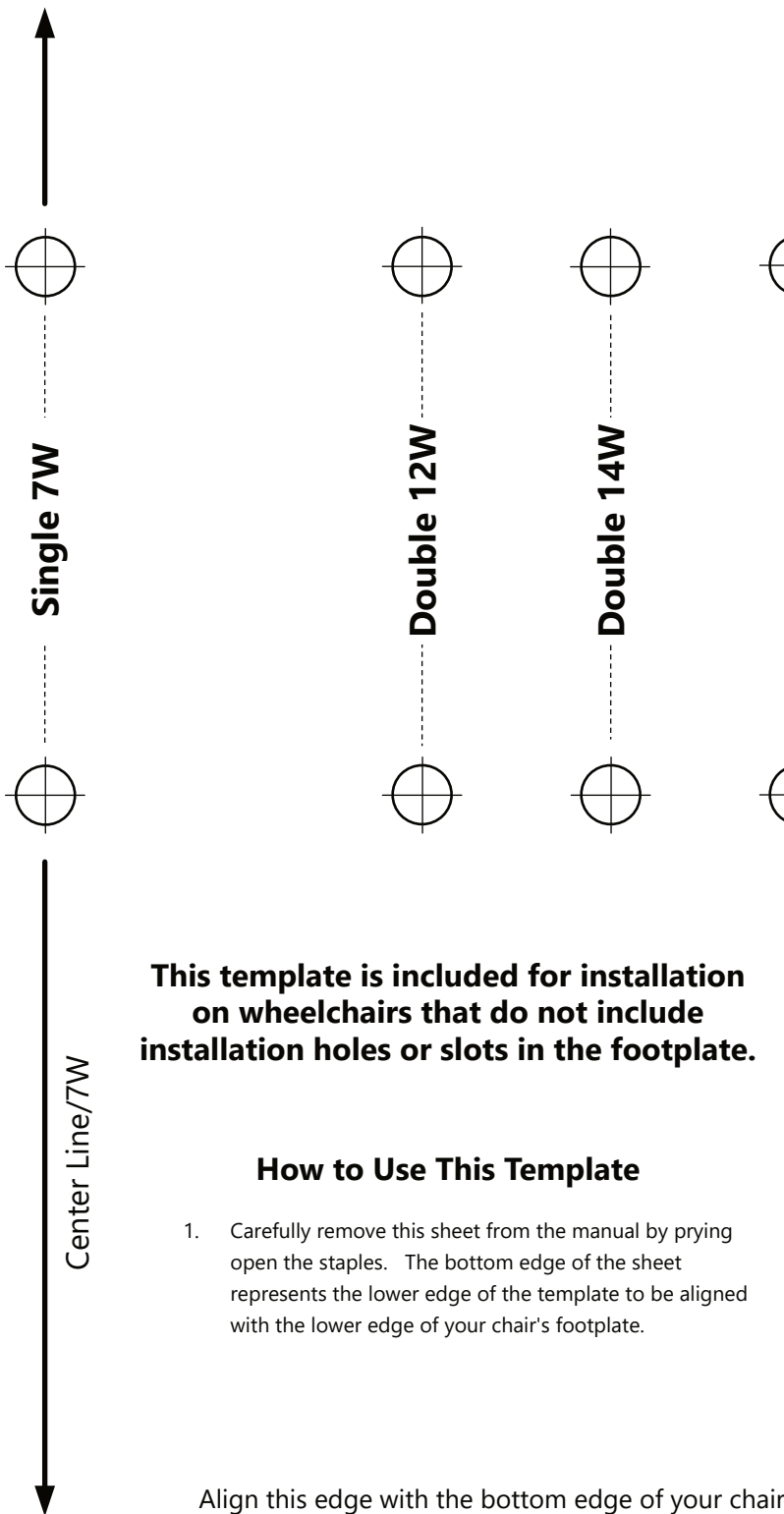


Pass the strap through Loop 2 and Loop 3, around the leg rest cane and then back through Loop 2. Press firmly to affix the strap to the hook and loop fabric.



6. Double check the locations of the holes by lining up the plate of the padded foot support with the hole locations marked on the chair's footplate. Carefully drill the holes in the chair's footplate using a 5/16" drill bit. Follow the instructions in the installation section of the user manual to install the padded foot support to your wheelchair.

this edge with the bottom edge of your chair's foot plate.



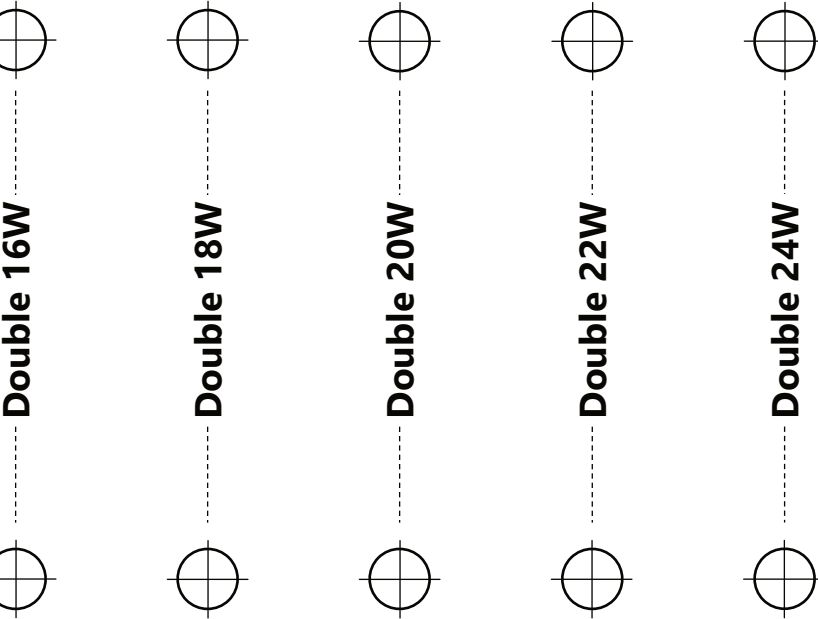
**This template is included for installation on wheelchairs that do not include installation holes or slots in the footplate.**

**How to Use This Template**

- 1. Carefully remove this sheet from the manual by prying open the staples. The bottom edge of the sheet represents the lower edge of the template to be aligned with the lower edge of your chair's footplate.

Align this edge with the bottom edge of your chair

# RIGHT SIDE

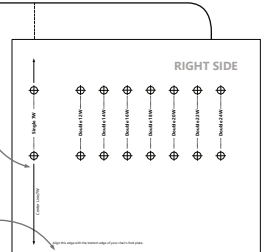


2. Measure and mark the center line of the width your chair's footplate. Align this mark with the center line indicated on the template sheet and oriented in the direction indicated, i.e. to the right for the "RIGHT SIDE" template.

## STEP 2

Line up center line with center line of template.

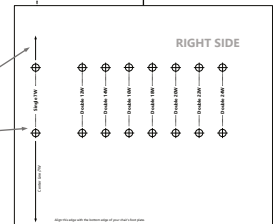
Line up bottom edge of paper with lower edge of footplate.



3. For individual (single) padded foot supports, use the two crosshairs on the center line to mark the locations of the mounting holes on your chair's footplates. Use an awl, center punch or other method to mark the locations.

## STEP 3

Use an awl, center punch, or other tool to mark the location of the mounting holes in the chair's footplate.



# LEFT SIDE

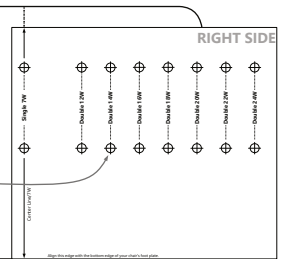


4. If your padded foot support is a double, find the set of holes that correspond to the width of your padded foot support kit. Mark the locations of the mounting holes on your chair's footplate, using an awl, center punch or other method.

## STEP 4

Use an awl, center punch, or other tool to mark the location of the mounting holes in the chair's footplate.

In this example, the footplate will be fitted with a 14W.

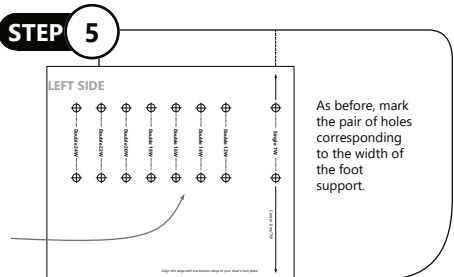


5. Flip the template over to the other side and align the center line with the center line of your chair's footplate. Find the set of holes that correspond to the width of your padded foot support kit. Mark the locations of those mounting holes on your chair's footplate, using an awl, center punch or other method.

## STEP 5

LEFT SIDE

As before, mark the pair of holes corresponding to the width of the foot support.



Pass the strap through Loop 1 and fold it back on itself to secure it to the hook and loop fabric sewn into the strap.



### **Posterior Ankle Support Installation, Center Mount Footplate**

The posterior ankle support is secured to the foot support pad via hook-and-loop straps located on the lower edges of the posterior ankle support. The hook-and-loop straps are fitted to the foot support prior to installation to the wheelchair foot plate. The posterior ankle support is then attached to the wheelchair mount point via configurable hook-and-loop straps and D-rings located around the upper edge of the posterior ankle support.

## Care and Cleaning

We recommend that all products be examined on a regular basis for wear and function. Check the stitching on the webbing for stress or damage. If loose, frayed or broken parts are discovered, discontinue use and contact your provider. Repairs should only be performed by a wheelchair service professional and with genuine Stealth Products parts, fasteners or items appropriate for the service required.

Surfaces may be cleaned with a damp cloth and a mild, non-abrasive cleaner. Ensure all cleaners are approved for finished steel, aluminum, plastic and upholstered surfaces. Vests and straps that are removable and DO NOT contain metal components may be machine washed warm (40°C), permanent press cycle, mild process.

**DO NOT bleach.**

**DO NOT tumble dry.**

**Dry flat. DO NOT iron.**

## Important

Never use a chest harness without a positioning belt. Positioning belts and supports should only be used to help support the user's posture. The belts, posture supports and straps must be snug, but must not interfere with the user's breathing. Check to make sure the user cannot slide down in the seating system, as they may suffer chest compression and may suffocate due to pressure from the belts or harnesses. A seat with angle or built-in contours may help prevent the user from sliding in the seat. Due to the possibility of a user sliding while in-chair, unsupervised use of anterior thoracic support devices could pose a serious choking hazard. Continually ensure that the user is sitting upright and that the thoracic support device does not obstruct the user's breathing in any way.

These devices do not conform to ANSI/RESNA WC20 or SAE J2249 and are not designed or approved to provide restraint or protection in the event of a crash. Wheelchair users should transfer to a vehicle seat and use the vehicle seat belt system or a child safety seat that complies with federal safety standards. The wheelchair should then be stored and secured in the vehicle. Children weighing less than 48 lbs. must always transfer to an approved child safety seat.

Before you install or begin using any product from **Stealth Products' Stealth Positioning™** line, it is important that you read and understand the content of these installation and operating instructions. Product misuse due to failure to adhere to instructions and warnings in this document will void your warranty and may result in property damage, injury or death. Always keep the operating instructions in a safe place so they may be referenced as necessary. If this document contains information you do not understand or if there are concerns about safety or operation, contact your provider.

All information, pictures, illustrations and specifications are based on the product information available at the time of printing, and are representative examples. They are not intended to be exact descriptions of the various parts of the product. Instructions are written with the expressed intent of use with standard configurations. They also contain important safety and maintenance information. For assistance with advanced configurations or options, contact your provider or **Stealth Products** at (512) 715-9995 or toll free at (800) 965-9229.

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 provider for repair, adjustment or replacement. You can download additional copies of this manual by visiting <https://stlpro.site/stealth-docs/> and searching for "Stealth Positioning" in the document manager.

## 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, LLC** does not warrant damage due to, but not limited to, misuse, abuse, or misapplication of products and modification of product without written approval from **Stealth Products, LLC**.

Any alteration or lack of serial number, where applicable, will automatically void this warranty. **Stealth Products, LLC** is liable for replacement parts only. **Stealth Products, LLC** is not liable for any incurred labor costs. No person is authorized to alter, extend, or waive the warranties of **Stealth Products, LLC**.

To learn more about our warranty and returns policy, please visit <https://stlpro.site/returns-n-warranty>.

## About Us

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

You may reach us at:



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