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adaptdefy LapStacker Flex Retractable Carry System for Wheelchair Installation Guide

Lap Stacker Flex Retractable Carry System for Wheelchair Installation Guide

Contents

Lap Stacker Flex Retractable Carry System for Wheelchair

Installation Guide

Congratulations and thank you for choosing to install a LapStacker on your wheelchair.
Please read this installation guide carefully to ensure your Lap Stacker is installed and used correctly and safely.

Warnings – Please read carefully

Warnings – General

- LapStacker is not a seatbelt, safety device, or medical device.
- LapStacker is designed as an aid only.
- Do not use your LapStacker to secure people or animals.
- Carefully place and monitor items as they can still move, even with your LapStacker securing them.
- Do not exceed any specific wheelchair manufacturer's guidelines for loading or usage of attachments.
- In no event shall our company be liable for any direct, indirect, punitive, incidental, special, consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of our products.

Warnings – Injury

- Do not use your LapStacker to secure items with the potential to cause an injury.
  These may include sharp, hot or heavy items.
- Over tightening the LapStacker straps when securing items may cause a loss of circulation, a pressure injury or damage to any item/s being carried.
- Avoid contact with your newly installed LapStacker while transferring in and out of the wheelchair. Failure to do so may result in injury or damage.
- Do not use your LapStacker for extensive periods of time. This may result in loss of circulation or pressure
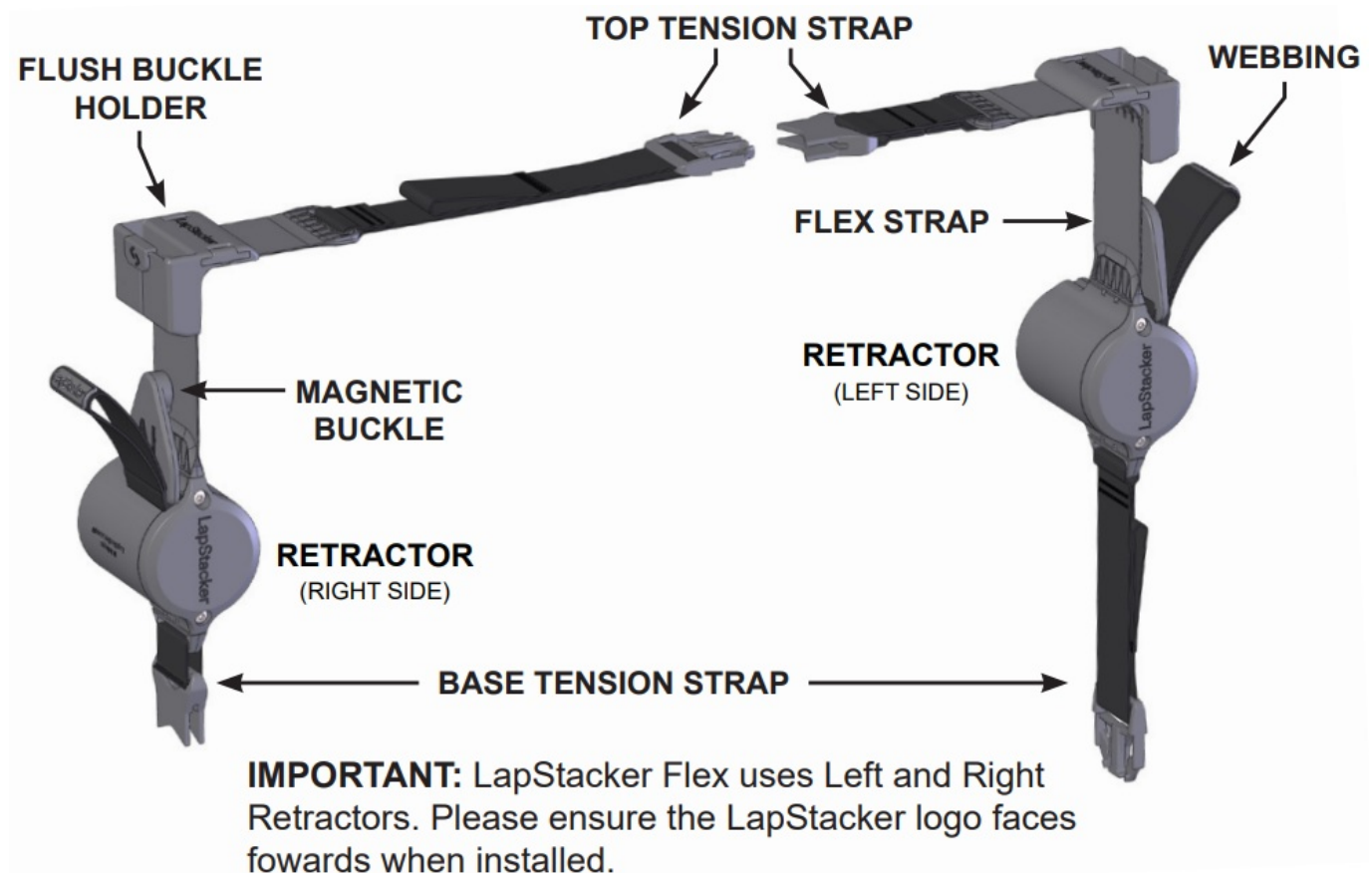
injury.

- Do not stack items too high as this may reduce visibility and lead to a collision that causes injury.
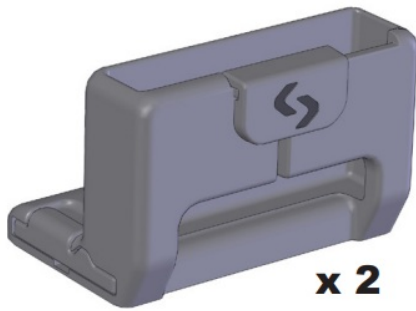
Warnings – Installation

- If you are installing your LapStacker and moving existing components around, such as arm rests or leg restraints, please ensure they are reinstalled and secured correctly. Failure to do so may result in their failure and may cause injury.
- The LapStacker Retractor has not been designed for submersion in water. Doing so will likely result in rusting of the internal components and may void the Warranty.
- Wipe components clean with a damp cloth and avoid the use of chemical detergents, which may damage the plastic surfaces.
- The straps may be cleaned using water and a damp cloth. We suggest removing the retractors, fully extending the straps and letting them dry before retracting the straps back into their housing again.
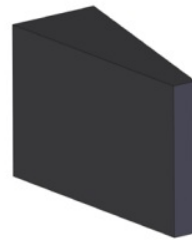
COMPONENTS

FLUSH BUCKLE HOLDER

TOP TENSION STRAP

WEBBING

FLEX STRAP

MAGNETIC BUCKLE

RETRACTOR (LEFT SIDE)

RETRACTOR (RIGHT SIDE)

BASE TENSION STRAP

IMPORTANT: LapStacker Flex uses Left and Right Retractors. Please ensure the LapStacker logo faces fowards when installed.

TOP BUCKLE HOLDER

x 2

FOAM WEDGE

x 2

ALCOHOL WIPE

ALCOHOL WIPE

x 1

VELCRO PAIRS (SHORT)

x 2

VELCRO PAIRS (LONG)

x 2

1. **FIND OPTIMAL LOCATION**

   ● LapStacker is best installed inline with the centre of where you will carry items, but will still work if forward or back of this.

   ● Locate this central point on your wheelchairs top tube.

CENTRE OF WEBBING

IDEAL LAPSTACKER POSITION

2. SELECT INSTALL ORIENTATION

RIGID CHAIRS

Single tube frames

HORIZONTAL INSTALL

Dual, non parallel tube frames

HORIZONTAL INSTALL

STEP 2. SELECT INSTALL ORIENTATION

FOLDING CHAIRS

Single tube frames

HORIZONTAL INSTALL

Parallel dual tube frames

VERTICAL INSTALL
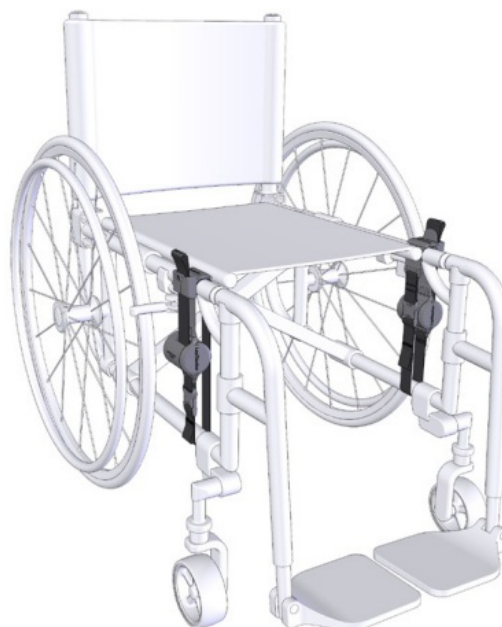
STEP 3. CHECK CLEARANCE – HORIZONTAL

HOW IT WORKS

The horizontal install works by fastening LapStacker across the chair frame. If you have a raising seat base, the top tension strap must pass under this.

TEST FIT:

Check that your wheelchair components will not clash with LapStacker. It is possible to adjust some wheelchair components if clearance is an issue.
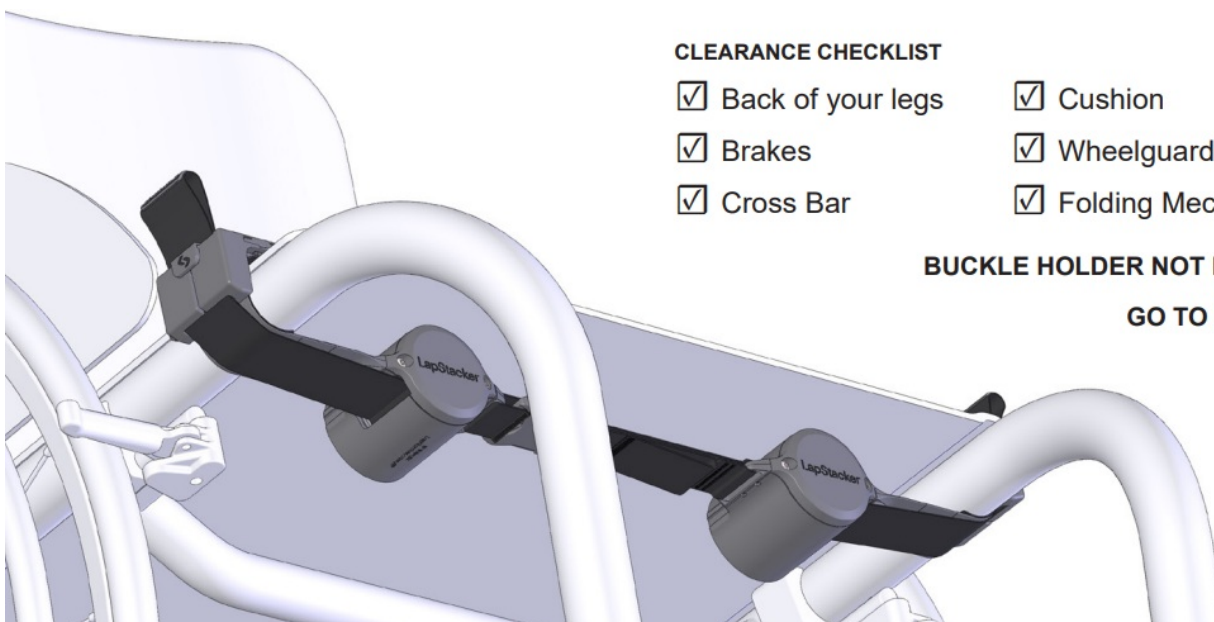
CLEARANCE CHECKLIST

- ☑ Back of your legs
- ☑ Brakes
- ☑ Cross Bar
- ☑ Cushion
- ☑ Wheelguards
- ☑ Folding Mechanisms
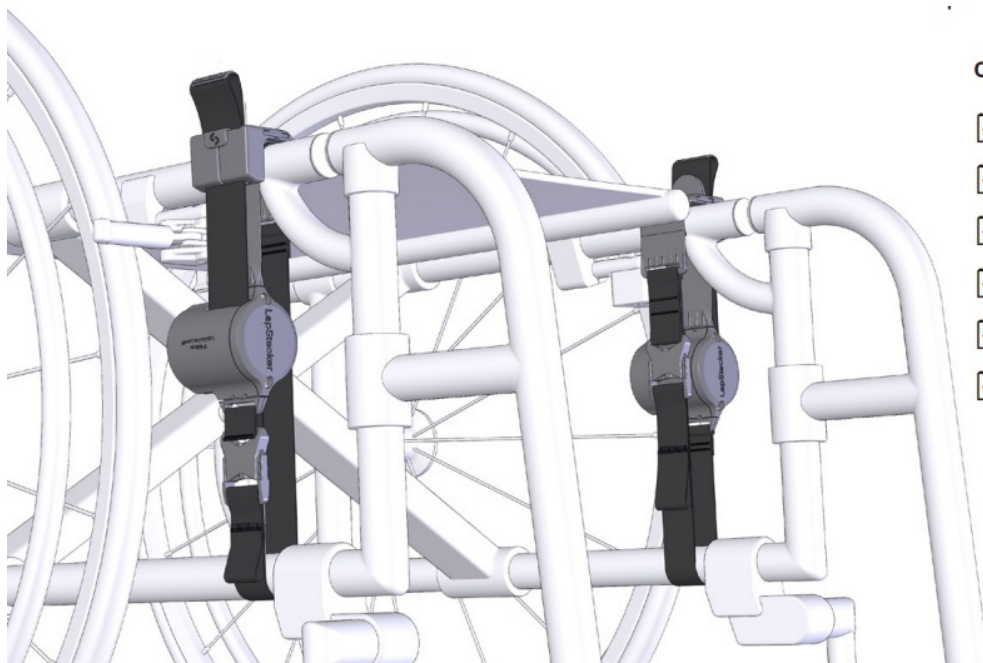
BUCKLE HOLDER NOT FITTING?

GO TO PAGE 11.

STEP 3. CHECK CLEARANCE – VERTICAL

HOW IT WORKS

The vertical install works by fastening each half of LapStacker around the top and lower frame tubes.

TEST FIT:

Check that your wheelchair components will not clash with LapStacker. It is possible to adjust some wheelchair components if clearance is an issue.

CLEARANCE CHECKLIST

- ☑ Back of your legs
- ☑ Brakes
- ☑ Seat Frame
- ☑ Folding Mechanisms
- ☑ Cushion
- ☑ Wheelguards
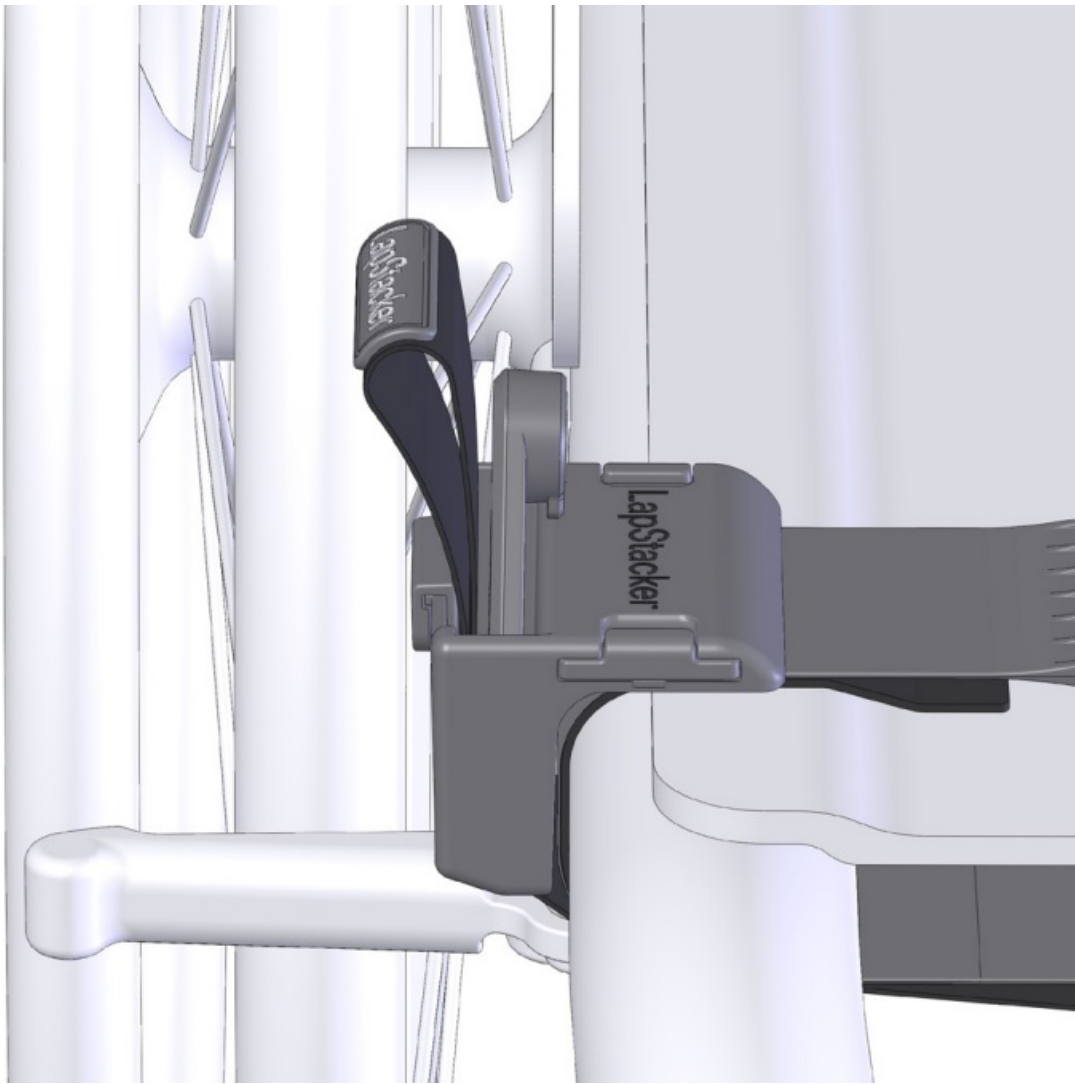
BUCKLE HOLDER NOT FITTING?

GO TO PAGE 11.

STEP 4. SELECT BUCKLE HOLDER – FLUSH

FLUSH BUCKLE HOLDER
The Flush Buckle Holder comes installed as standard with your LapStacker and will suit 80% of installs.
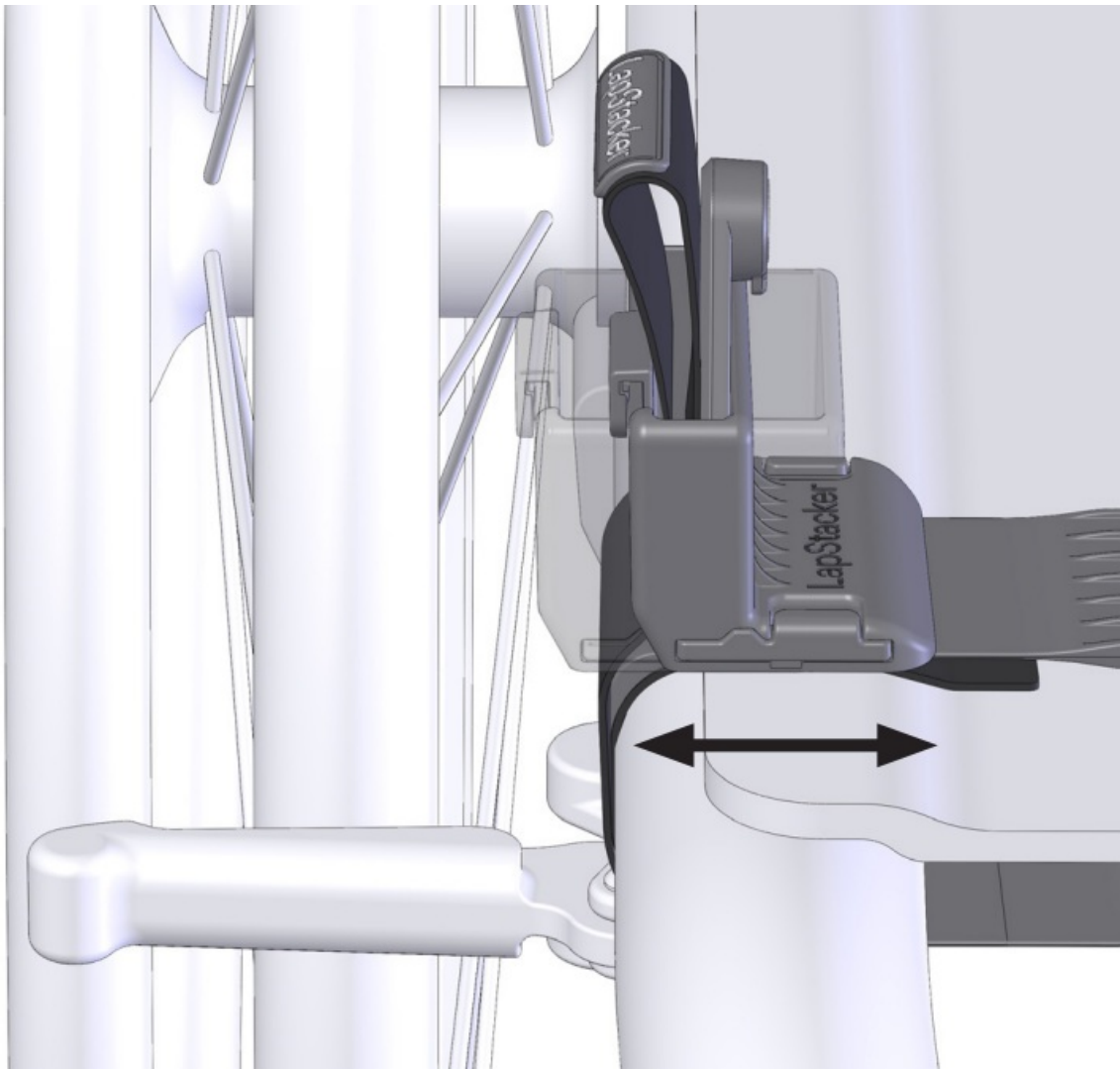If clearance is an issue, you may consider using the Top Buckle Holder.

STEP 4. SELECT BUCKLE HOLDER – TOP

TOP BUCKLE HOLDER
The Top Buckle Holder sits above the frame top tube and has three adjustment positions to shift the keeper left to right.
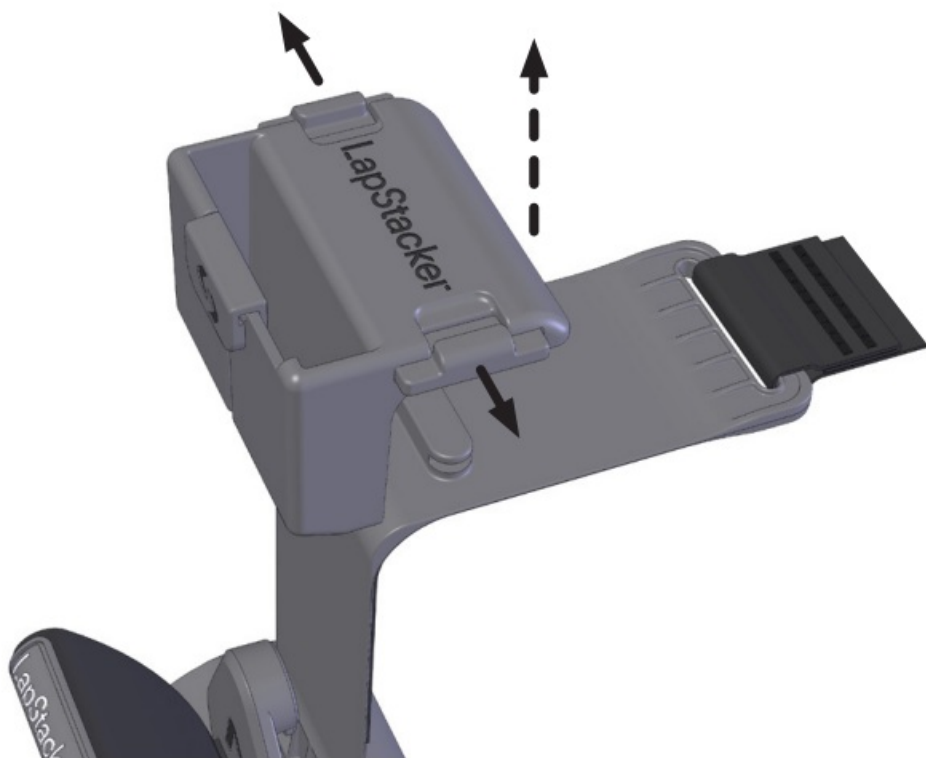The adjustment can be used to create clearance from your wheel guards, brakes, seat frame or cushion etc.

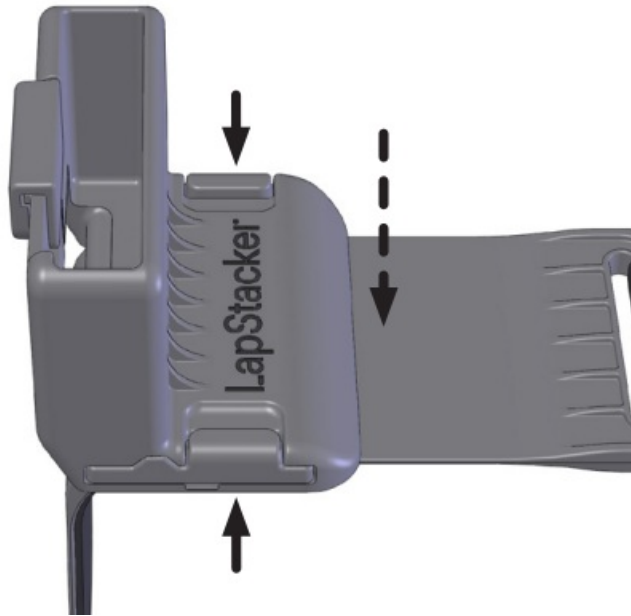## INSTALL TOP BUCKLE HOLDER (OPTIONAL)

1. **REMOVE FLUSH BUCKLE HOLDER**

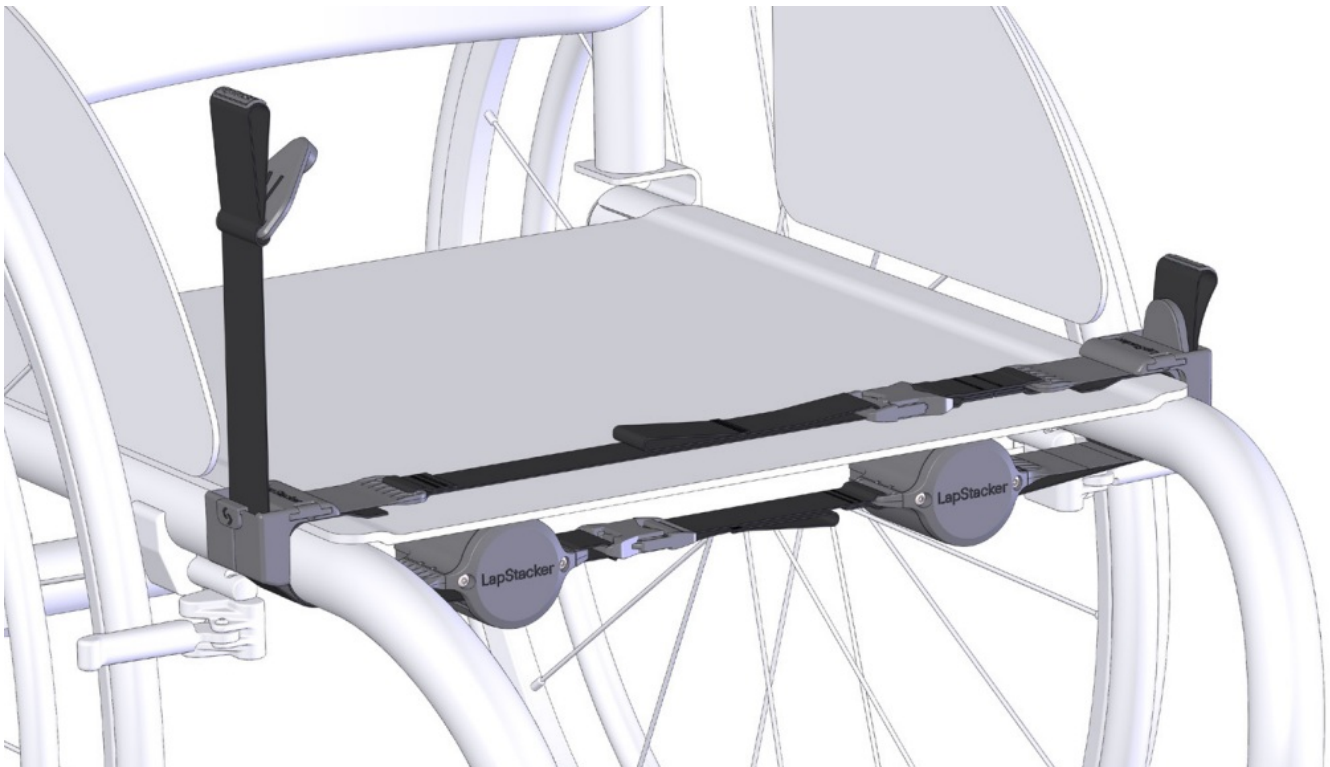   Unlock the Flush Buckle Holder by pulling both locking tabs out.

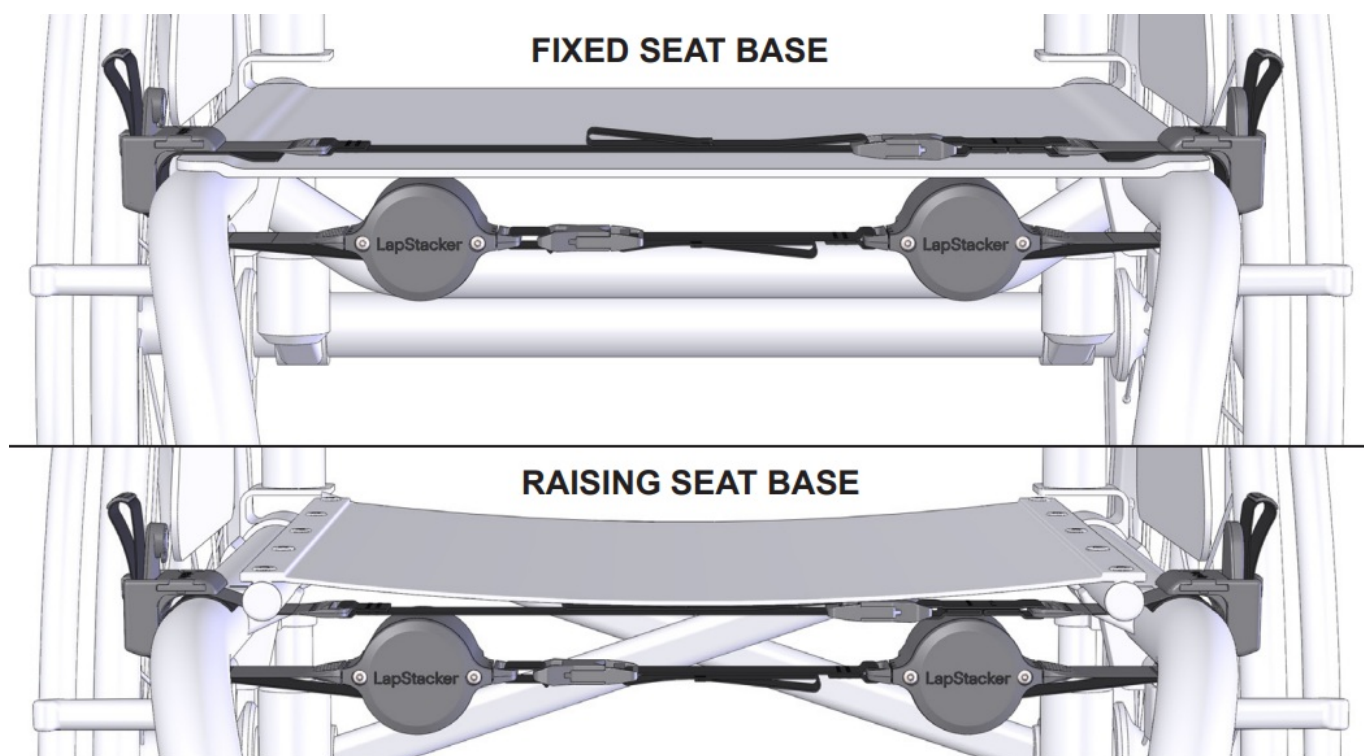2. **INSTALL TOP BUCKLE HOLDER**

   With both locking tabs open, place the Top Buckle Holder onto the Flex Strap in the desired position. Lock in place by pressing in both locking tabs.
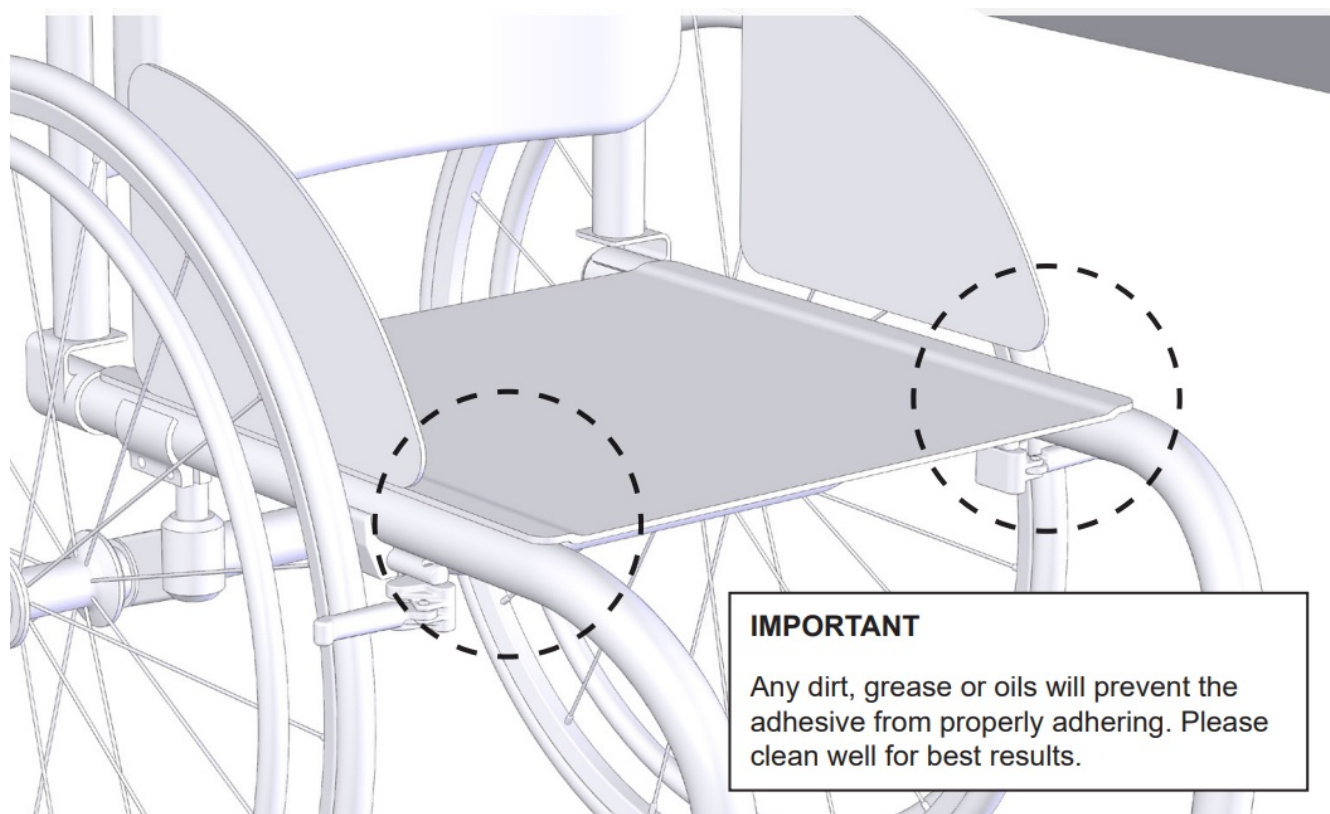

HORIZONTAL INSTALLATION

The wheelchairs depicted are for illustration purposes only. These instructions will work for whatever chair type you own.

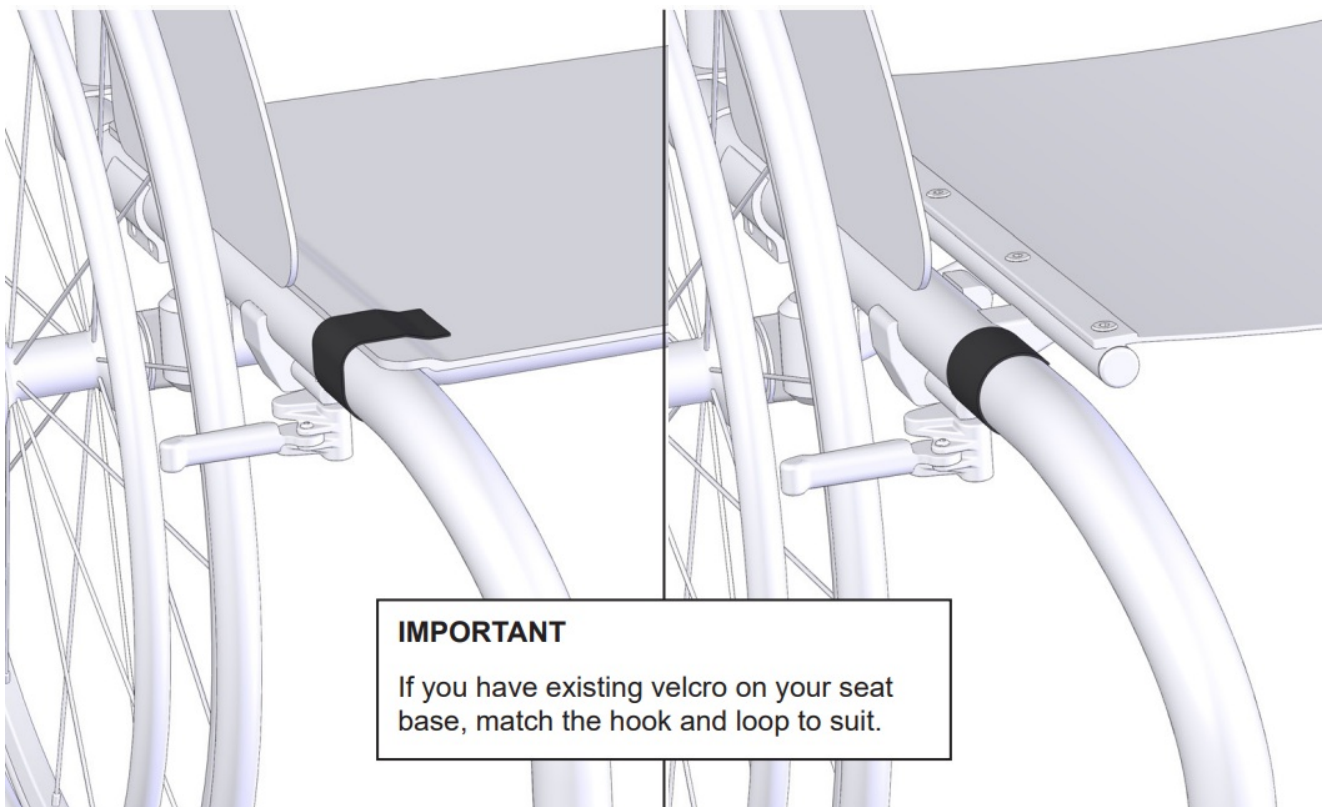**FIXED SEAT BASE**

RAISING SEAT BASE

If you have a raising seat base, the LapStacker must pass under the seat base. Adapt install steps to suit.

1. Clean the frame and seat base where LapStacker will be located using the alcohol wipes provided.

IMPORTANT

Any dirt, grease or oils will prevent the adhesive from properly adhering. Please clean well for best results.

2. Adhere velcro to the frame and seat base where the Flex Straps will make contact. Repeat on each side.

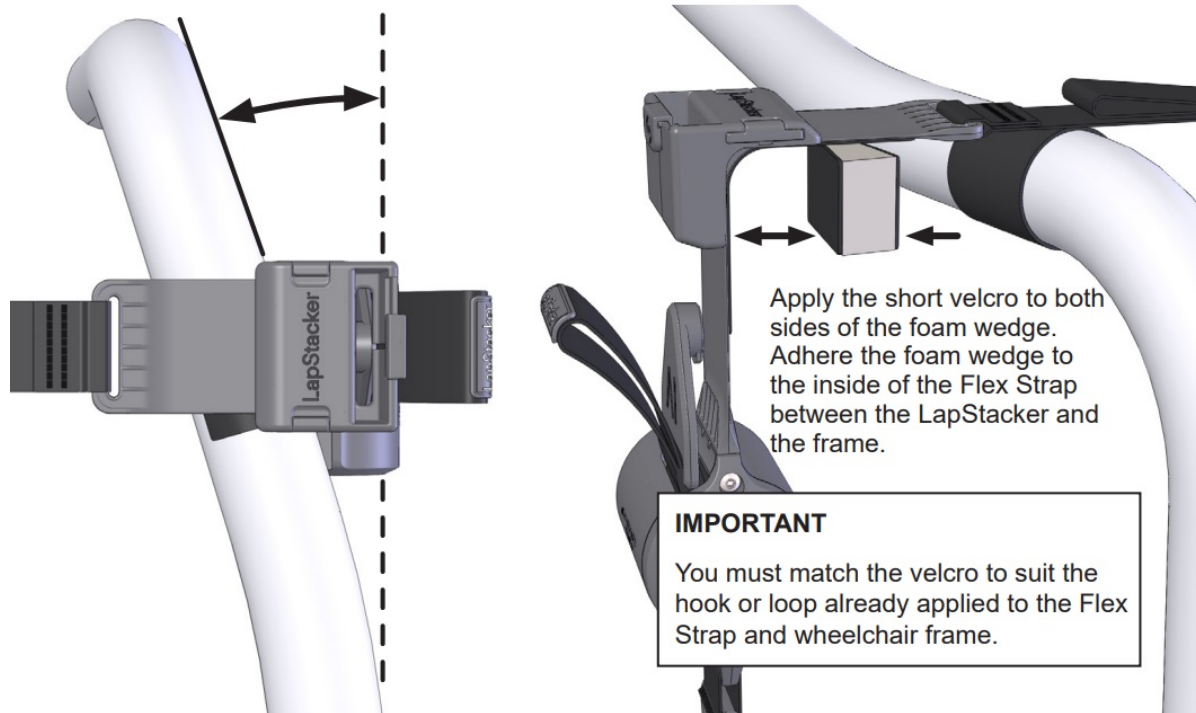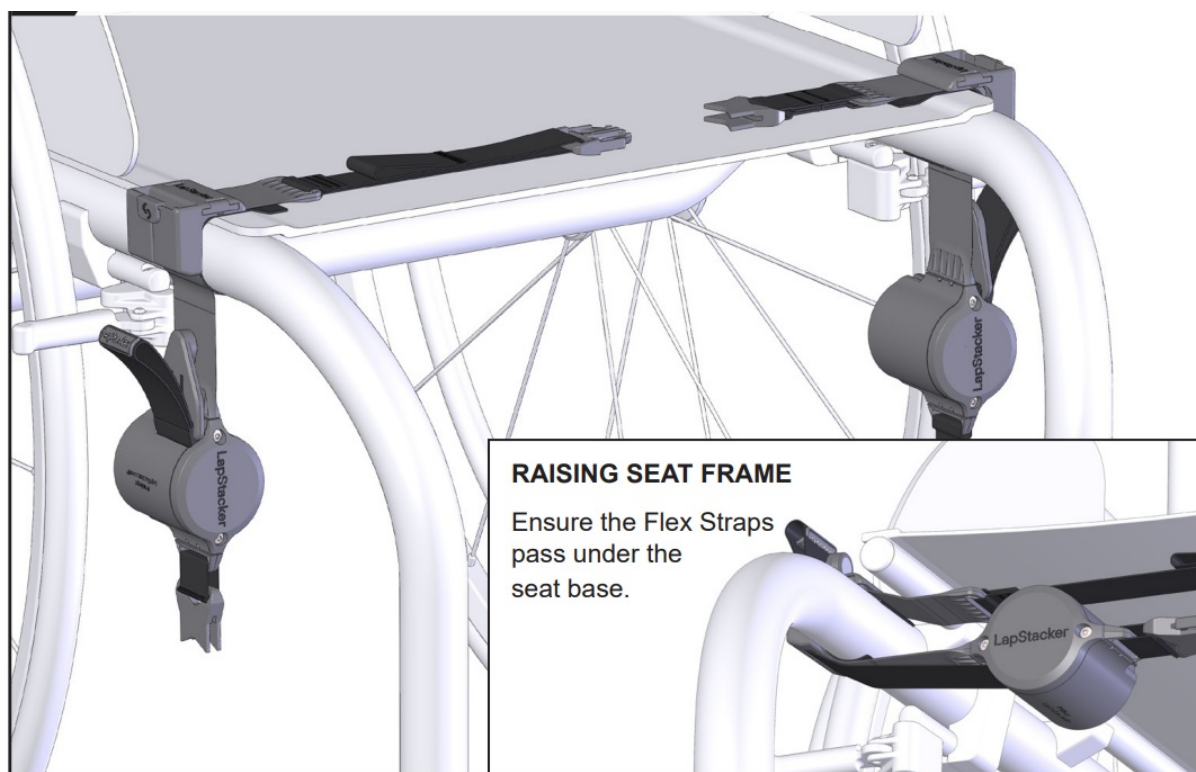3. Adhere velcro to both LapStacker Flex Straps.

Flex Strap →

Evenly distribute the velcro across the horizontal and vertical surfaces of the Flex Strap. Ensure the velcro is pressed firmly into the internal corner.
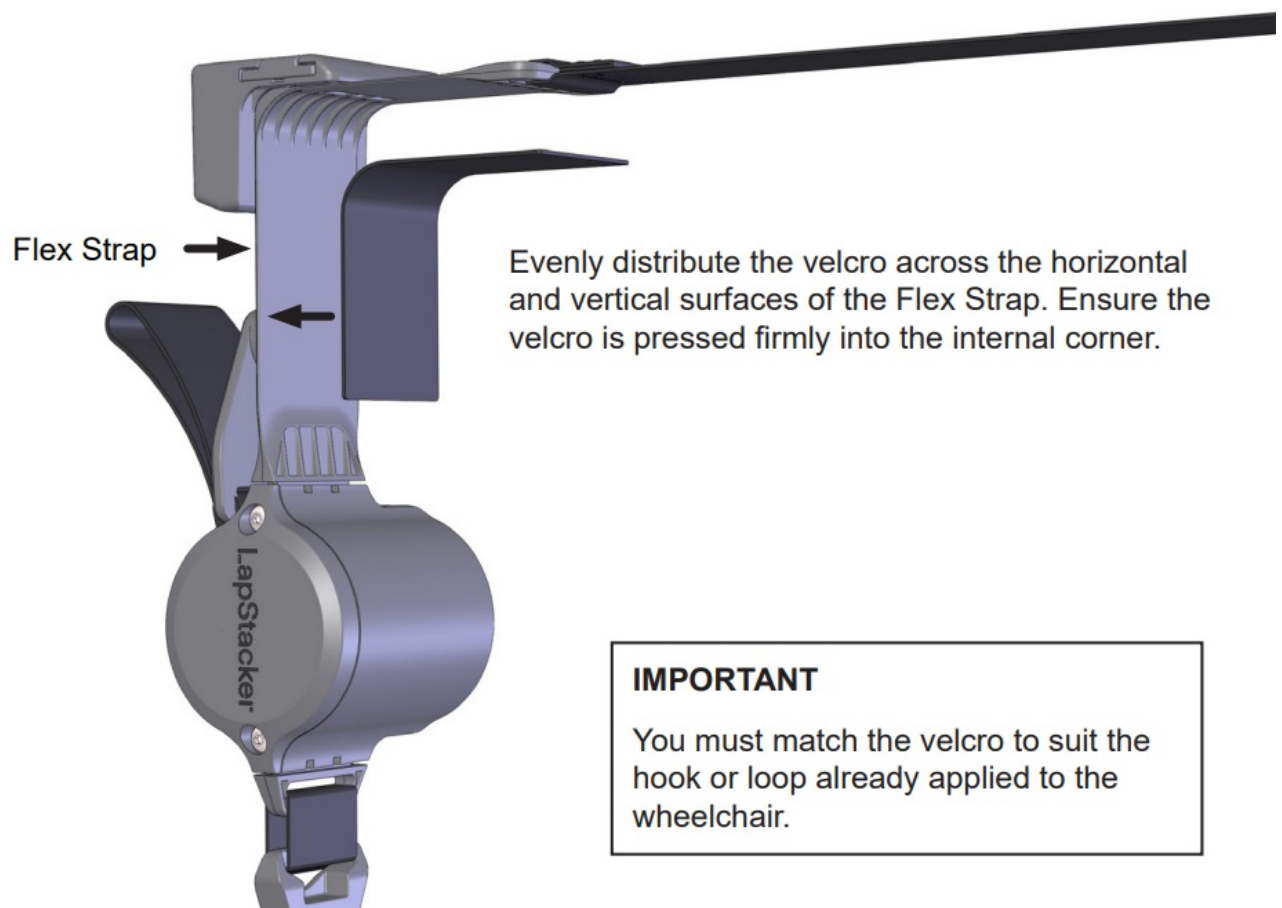
3a. If the frame is not parallel at the optimal position, use the foam wedges to correct the angle of the Buckle Holders.

Apply the short velcro to both
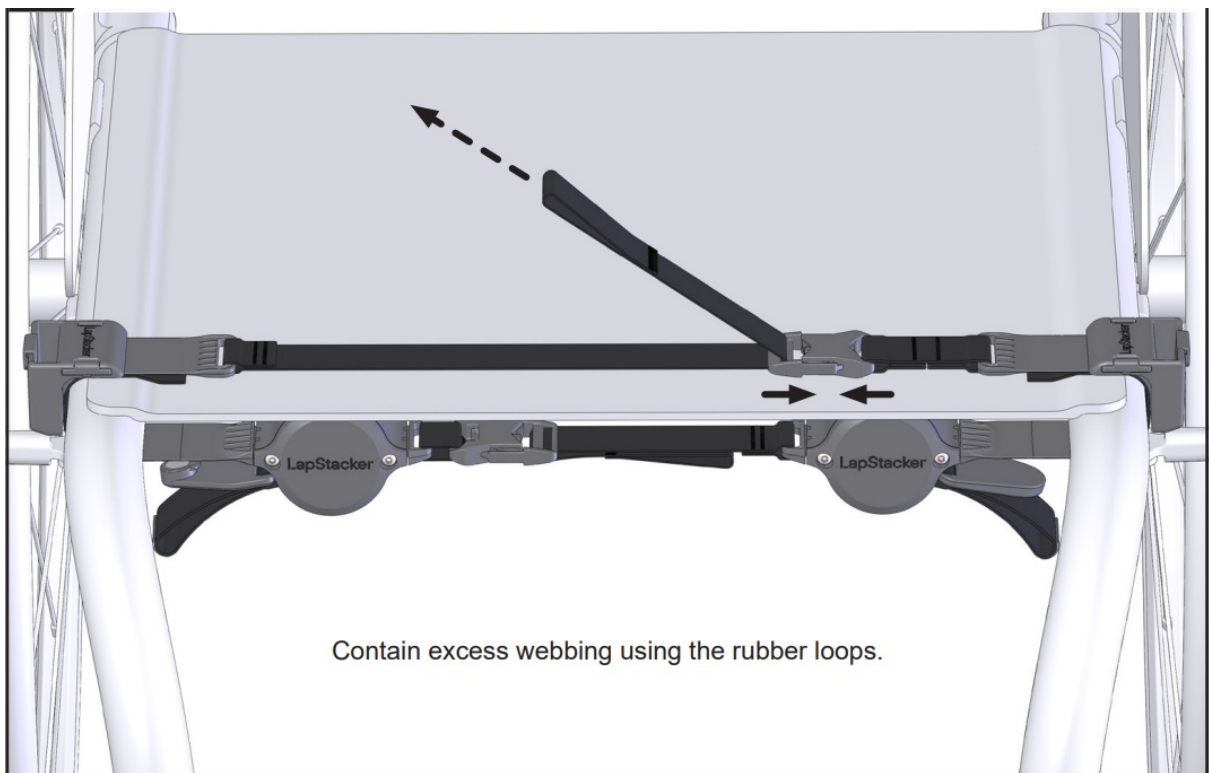sides of the foam wedge.
Adhere the foam wedge to
the inside of the Flex Strap
between the LapStacker and
the frame.

IMPORTANT

You must match the velcro to suit the
hook or loop already applied to the Flex
Strap and wheelchair frame.

4. Attach LapStacker assembly to the frame.

RAISING SEAT FRAME

Ensure the Flex Straps
pass under the
seat base.

5. Clip the Base Tension Strap together and tighten gently.

Contain excess webbing using the rubber loops.
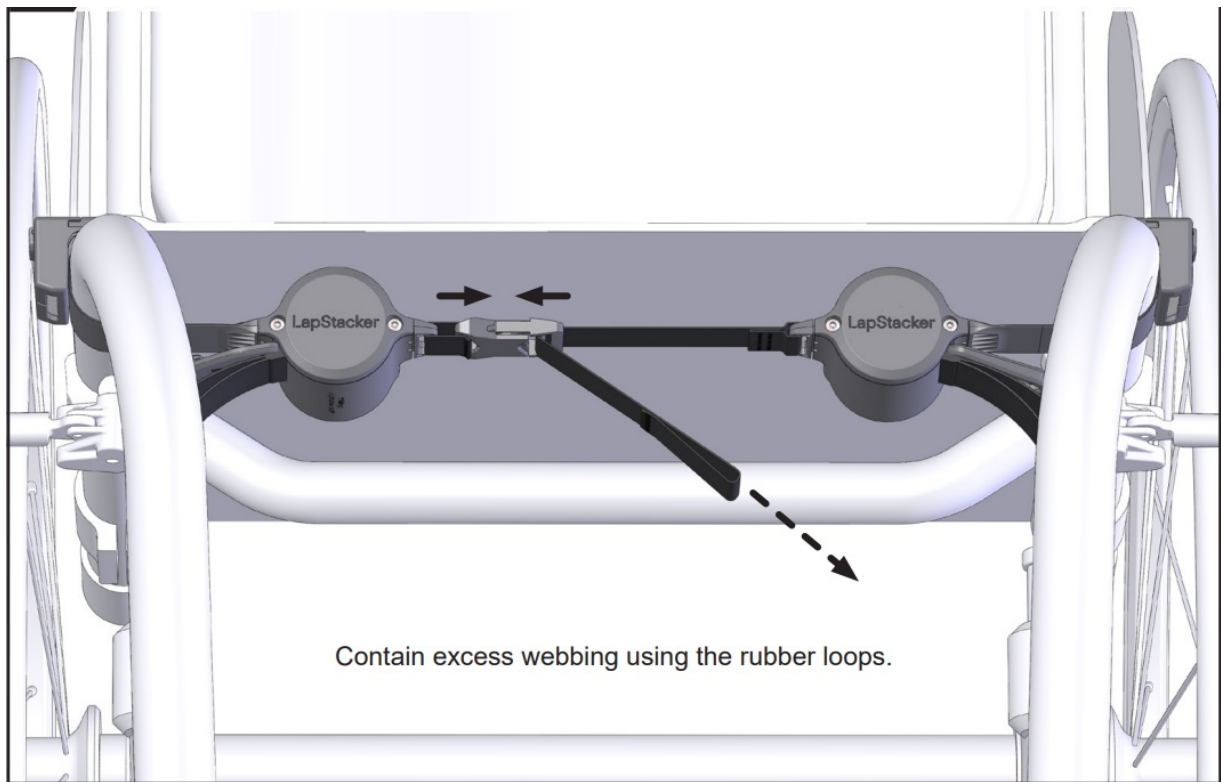
6. Clip the Top Tension Strap together and tighten gently.

Contain excess webbing using the rubber loops.

7. Pass the webbing through the Buckle Holder. Repeat for each side.

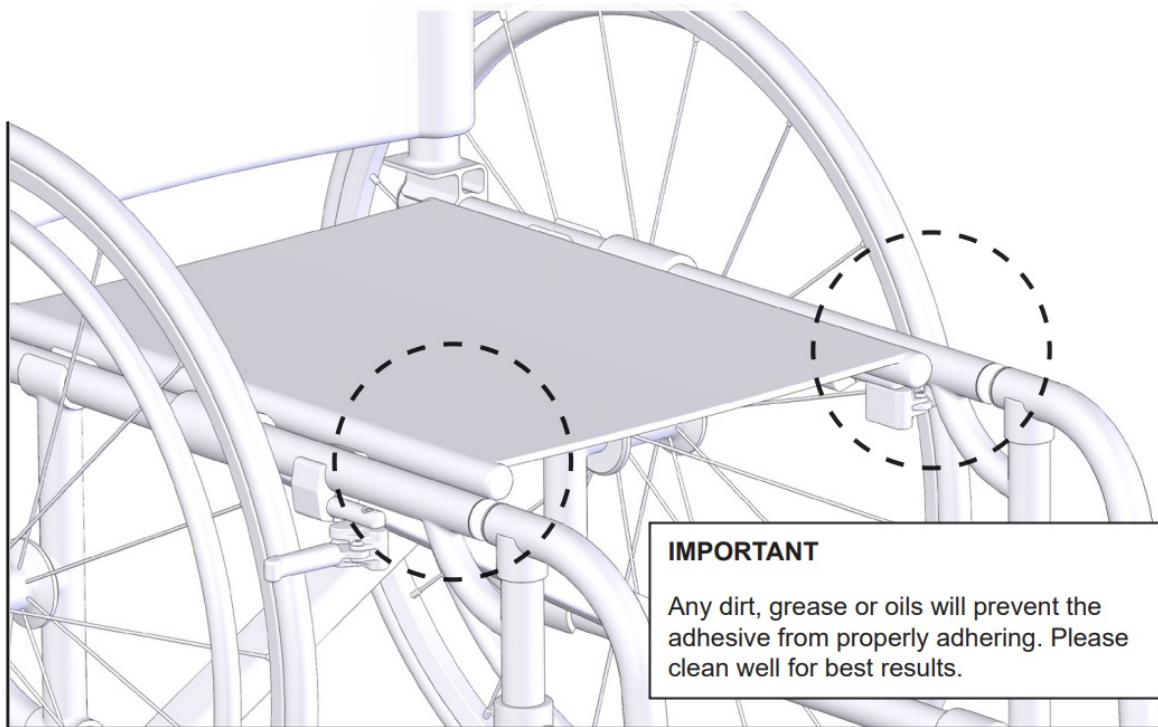Slide retainer into the closed position.
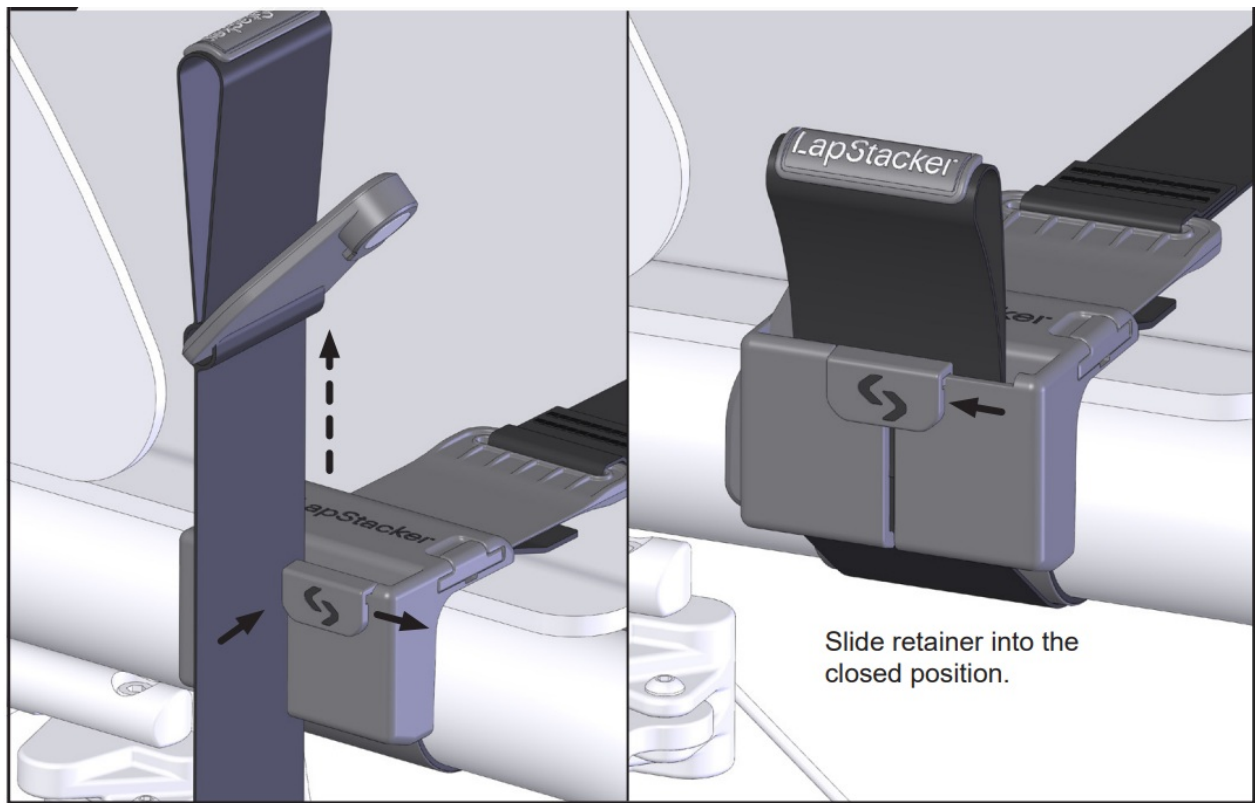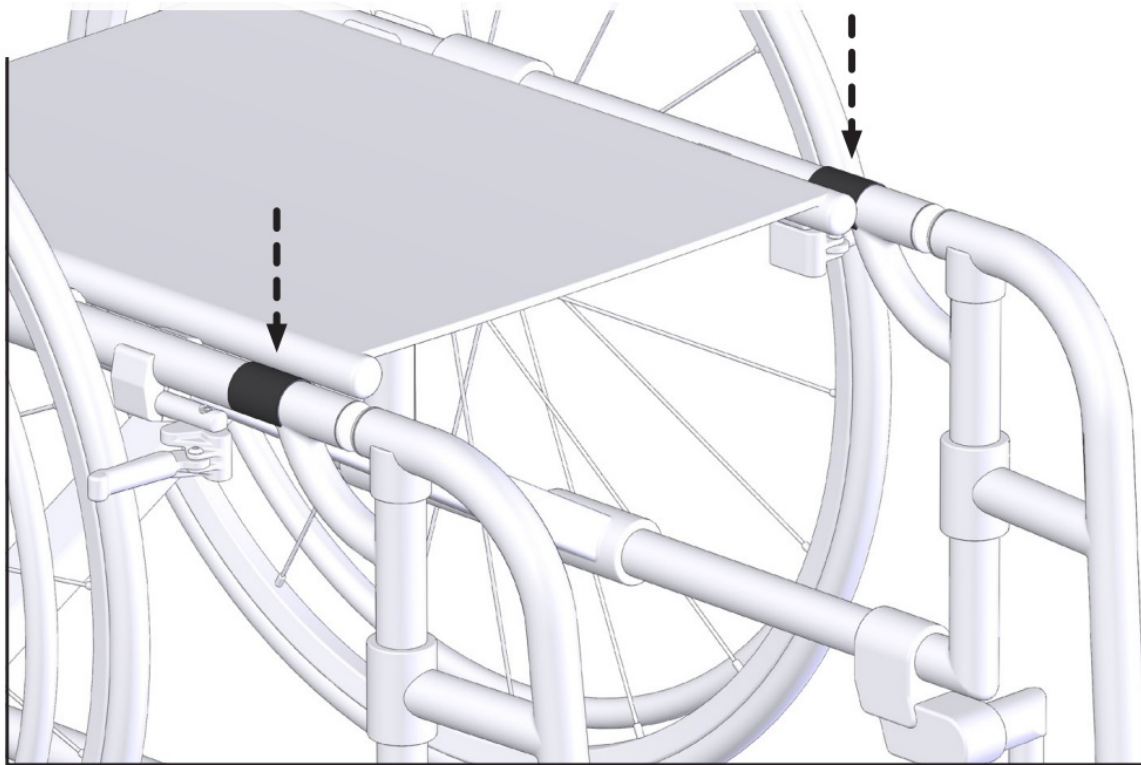
VERTICAL INSTALLATION
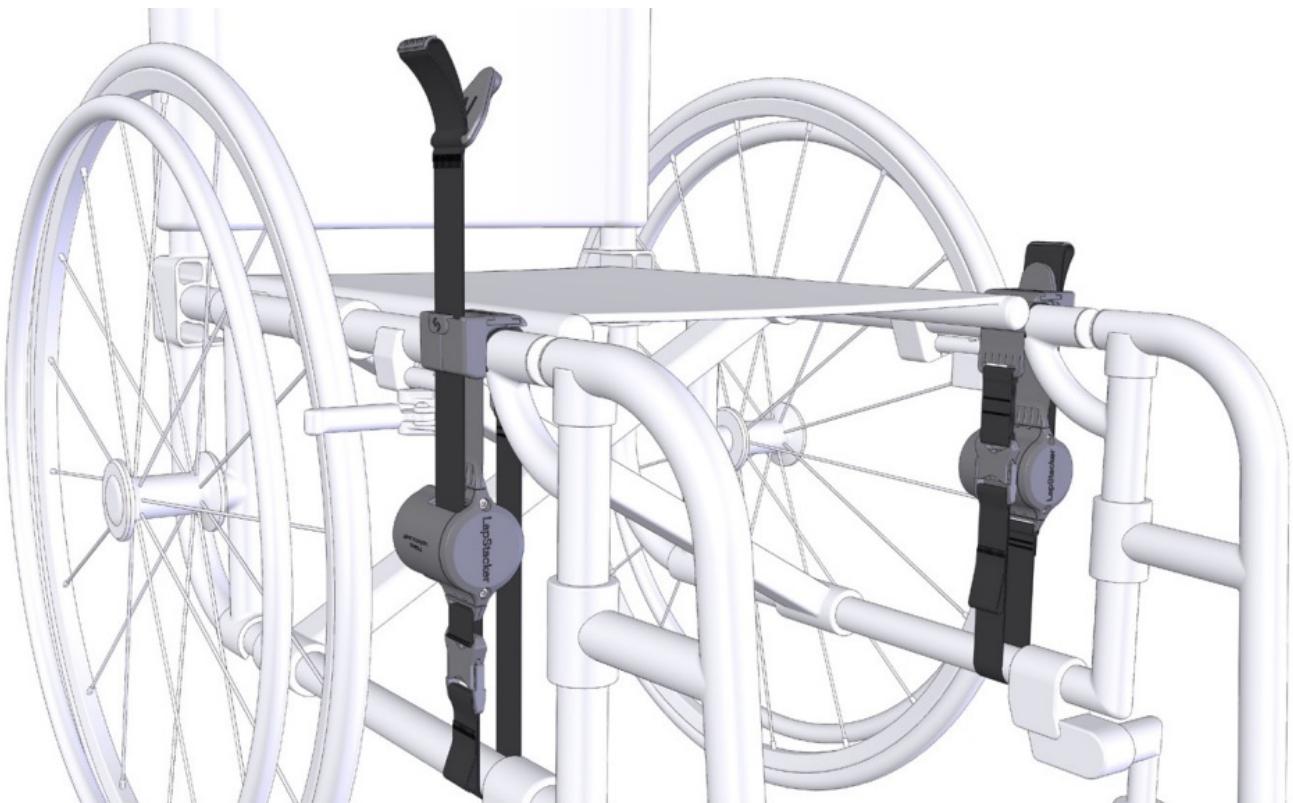
The wheelchair depicted is for illustration purposes only. These instructions will work for whatever chair type you own.
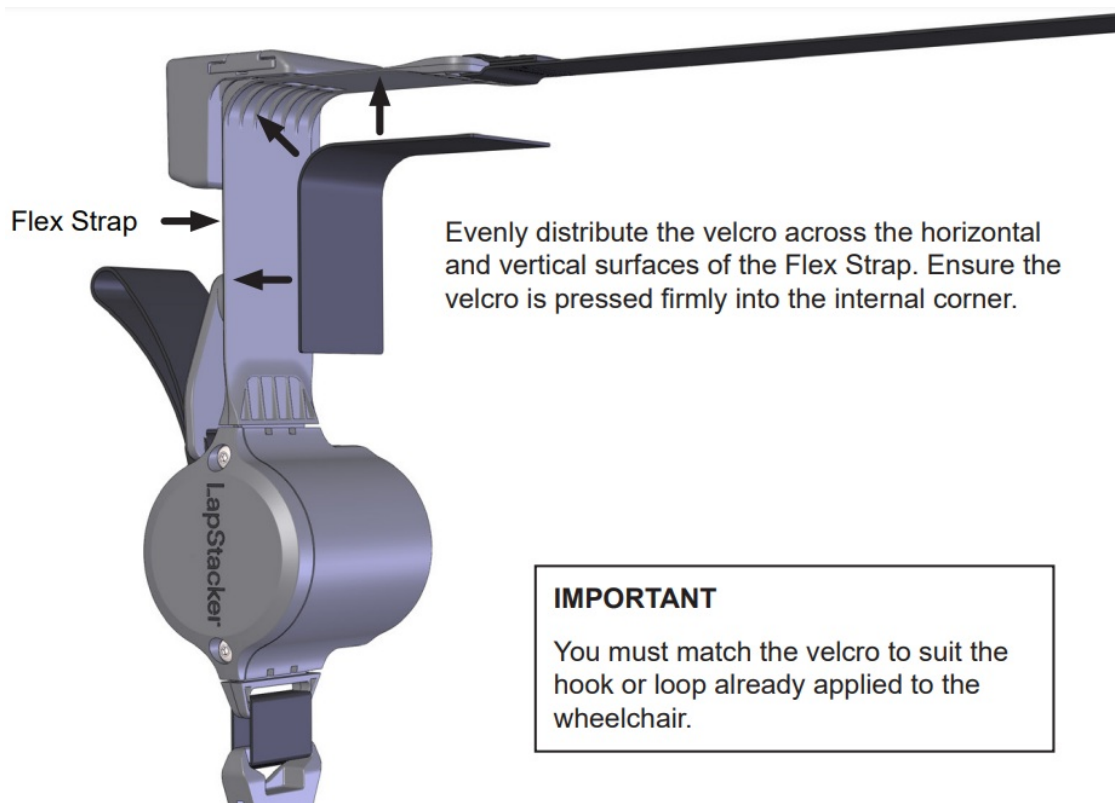
1. Using the alcohol wipes clean the frame where LapStacker will be located.
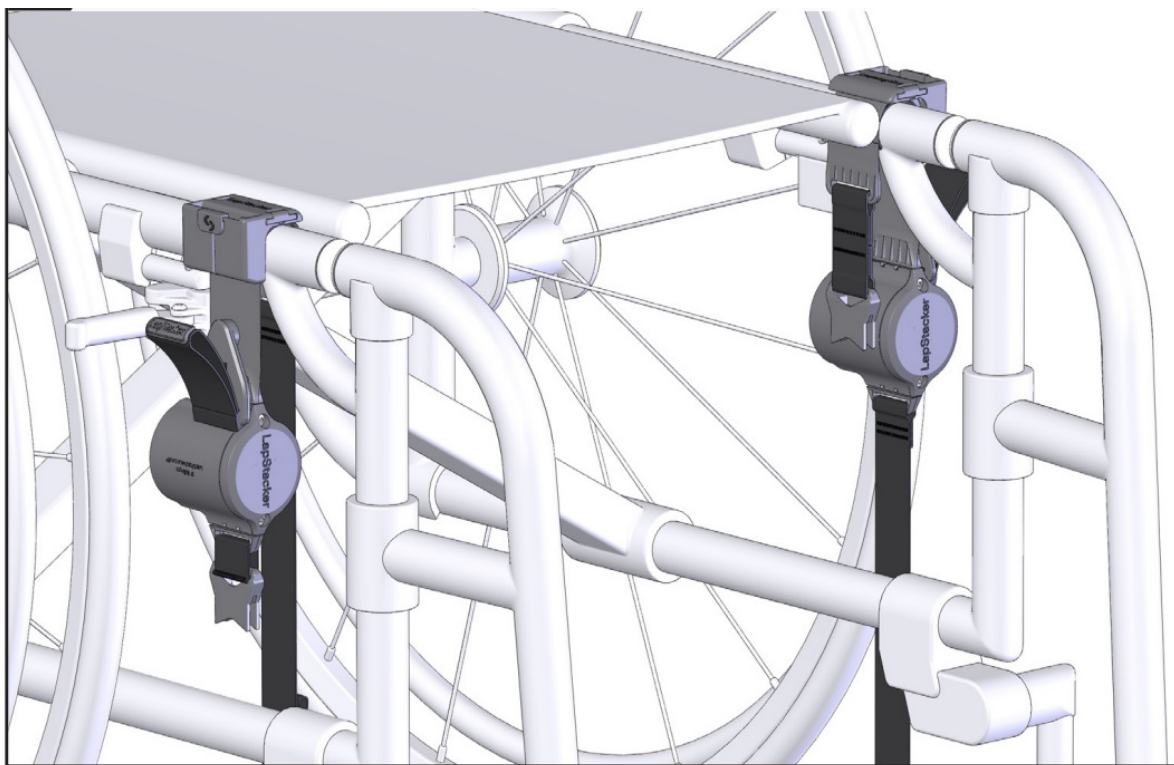
2. Adhere velcro to the frame on both sides where the Flex Straps will make contact.
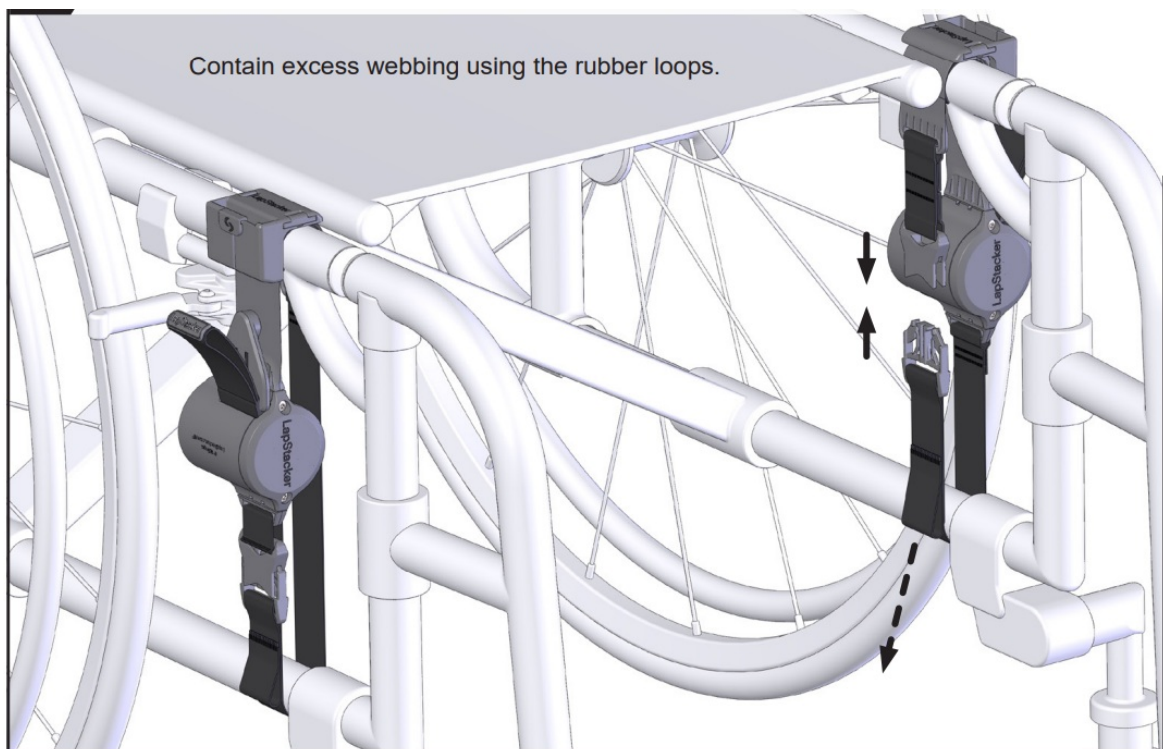

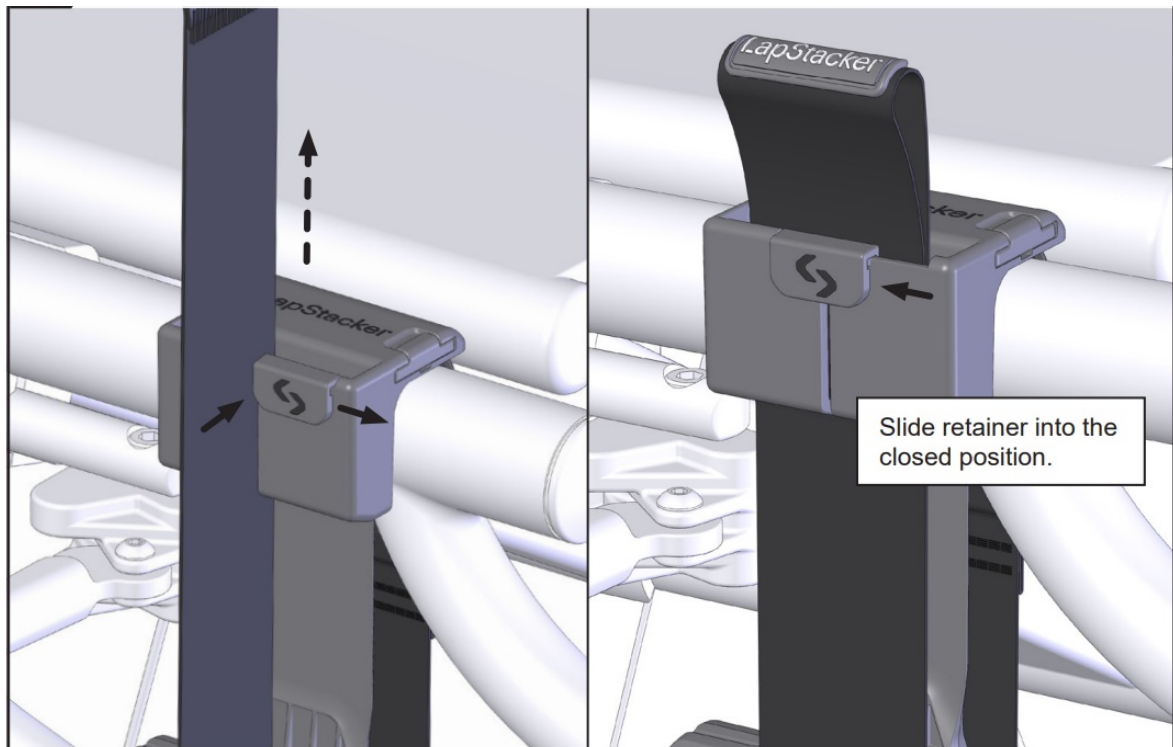3. Adhere velcro to both LapStacker Flex Straps.

Flex Strap →

Evenly distribute the velcro across the horizontal and vertical surfaces of the Flex Strap. Ensure the velcro is pressed firmly into the internal corner.

IMPORTANT

You must match the velcro to suit the hook or loop already applied to the wheelchair.

4. Attach LapStacker assembly to the frame.

5. Pass Tension Strap around the lower tube, join buckles and tighten.

Contain excess webbing using the rubber loops.

6. Pass the webbing through the Buckle Holder. Repeat for each side.

Slide retainer into the closed position.

Further Information

Scan for installation and troubleshooting tips.

SCAN
ME

Documents / Resources

adaptdefy LapStacker™ FLEX Installation Guide	**adaptdefy LapStacker Flex Retractable Carry System for Wheelchair** [pdf] Installation Guide LapStacker Flex Retractable Carry System for Wheelchair, Flex Retractable Carry System for Wheelchair, Retractable Carry System for Wheelchair, Carry System for Wheelchair, Wheelchair

References

- ≥ **Adaptdefy - Live a greater than life.**
- ≥ **LapStacker Warranty & Disclaimer**
- **User Manual**