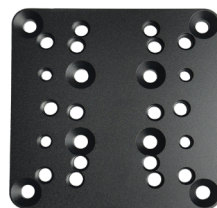


BACK SUPPORT ACCESSORY MODIFICATION OPTIONS ● ● ● ●

The following is an at-a-glance reference to a few back support accessory modifications available through Matrix Seating Systems.

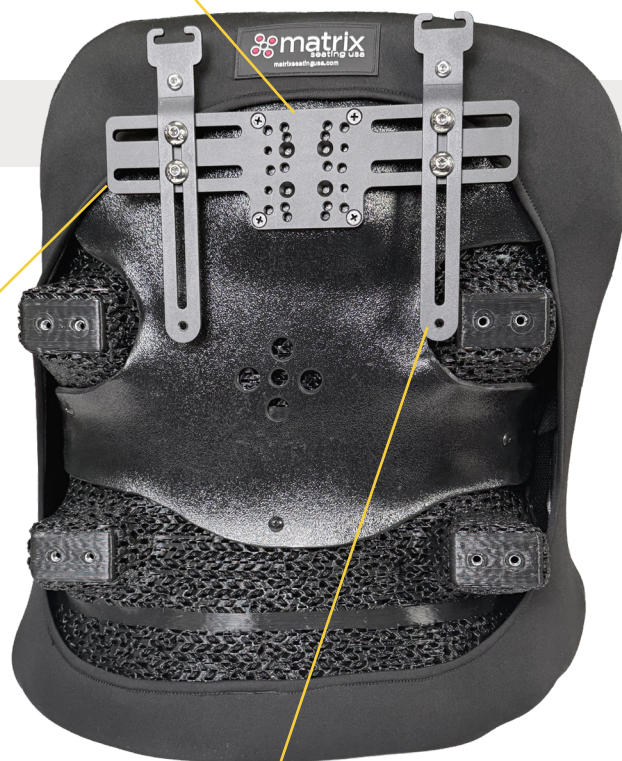
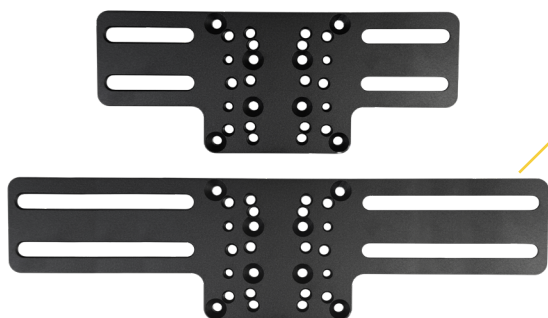
UNIVERSAL HEADREST MOUNT

The Universal Headrest Mount provides a stable, standardized interface for attaching most industry headrest systems. Designed for seamless compatibility and easy installation, it allows clinicians to position the headrest precisely for optimal comfort, alignment, and support. Ideal for users requiring consistent head and neck positioning throughout the day.



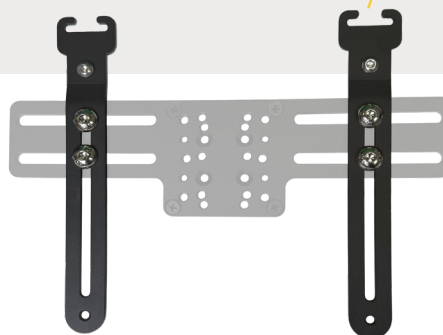
ACCESSORY MOUNTING RAILS (on Headrest Mount)

Accessory Mounting Rails offer a clean, integrated solution for attaching secondary supports and equipment to the back support. These rails eliminate the need for drilling and allow easy installation of items such as lateral supports, communication devices, oxygen tank brackets, and custom hardware. They offer clutter-free hardware integration.



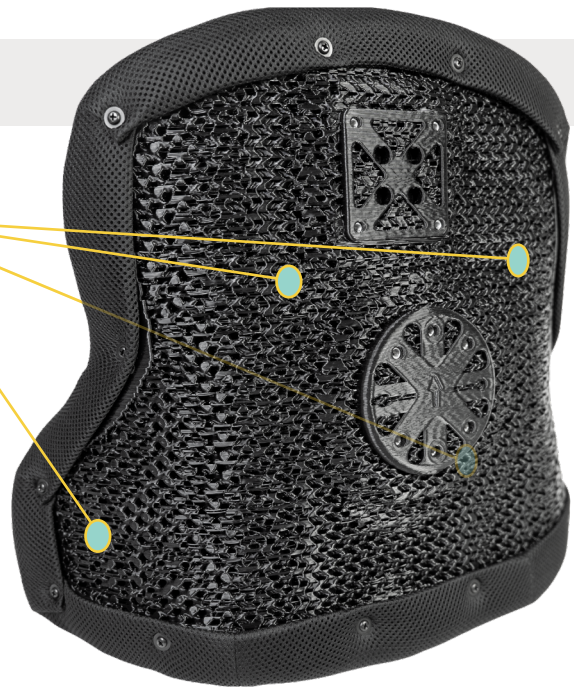
SHOULDER HARNESS GUIDES

Shoulder Harness Guides ensure proper strap routing for chest and shoulder harnesses. Positioned on the back support to maintain ideal strap angle and prevent slippage, these guides promote safer, more effective trunk control. They help keep the user aligned and secure during mobility, transfers, and everyday activities.



SHOULDER HARNESS T-NUT PATTERN UPGRADE

The Shoulder Harness T-nut Pattern Upgrade includes factory-installed T-nuts placed in **standard harness-mounting locations**. This upgrade eliminates drilling, simplifies installation, and ensures consistent alignment of shoulder harness guides. A time-saving, durable solution for clinicians and suppliers who install harnesses frequently.



CUSTOM T-NUT PATTERN

The Custom T-nut Pattern option allows clinicians to specify unique T-nut locations* on the back support to accommodate specialized harness setups, adaptive accessories, or non-traditional mounting positions. Ideal for complex postural presentations or unique user needs, this customizable option enhances flexibility and clinical precision.

*Location is specified on the shape capture or in the order form clinical notes. T-nut location is marked on the shape capture bag with a circled X as shown.



DIGITAL RELIEF

A Digital Relief is a precisely modeled off-loading zone built into a custom back support to accommodate bony prominences such as a gibbus deformity or rib hump. By selectively removing material in the relief area, it reduces localized pressure, improves comfort, and helps prevent skin breakdown while maintaining proper spinal alignment. Digital reliefs are fully customizable and can be shaped, sized, and positioned** during the design phase.

**Shape, size, and location are specified on the shape capture bag with an R surrounded by a line indicating the shape and size as shown.



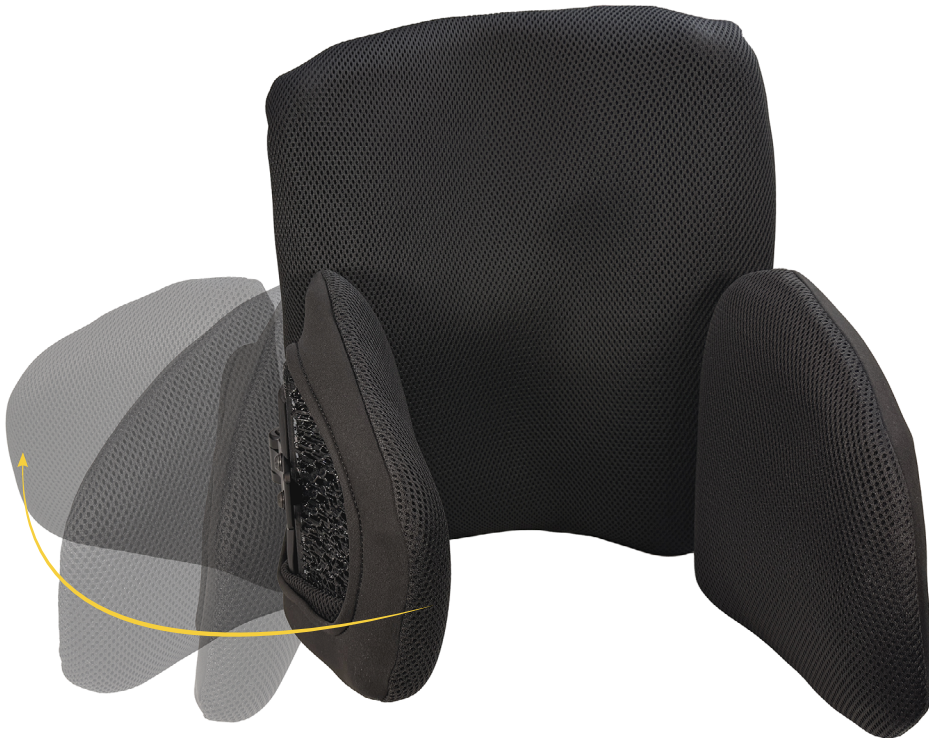
SWING-AWAY LATERALS

Custom-shaped swing-away laterals are used when a client requires lateral support extending more than 50% past midline.

During molding, a vertical cut line is incorporated into the back support shape capture, allowing part of the custom-molded back to function as the swing-away lateral. No separate shape capture is required.

The swing-away feature allows the lateral to move out of the way for transfers and ADLs while maintaining the client's custom contours, providing postural support without limiting access.

- Field-adjustable as easily as the AIREZ back support
- One or both sides of a back support can include swing-away laterals
- Release hardware allows for quick, easy movement
- The lateral cover and liner will match the back support selections



POST-DELIVERY BACK SUPPORT MODIFICATIONS ●●●●

LATERAL WIDTH www.youtube.com/@matrixseatingusa

Lateral width shaping allows you to bring the laterals inward for a more intimate, supportive fit or outward, to widen laterals to increase comfort and better accommodate trunk width.

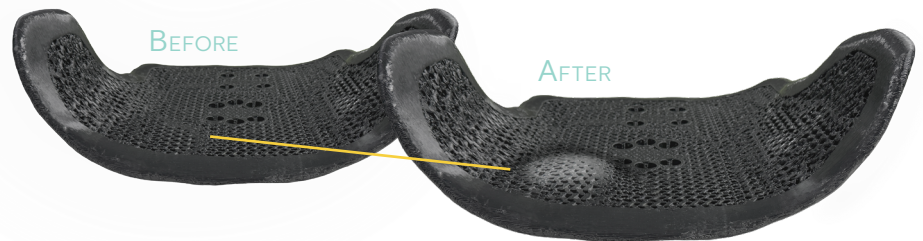
[How-To Video Link](#)



LUMBAR ADJUSTMENTS

Lumbar build-up allows you to adjust the contour in the lumbar region to increase contact, improve alignment, and enhance overall lumbar support.

[How-To Video Link](#)



EDGE RELAXATION (Flair in and out)

Trimming, softening, or reshaping the edges of the back support to prevent irritation, improve clearance around the trunk or arms, or accommodate tight spaces within the wheelchair frame.

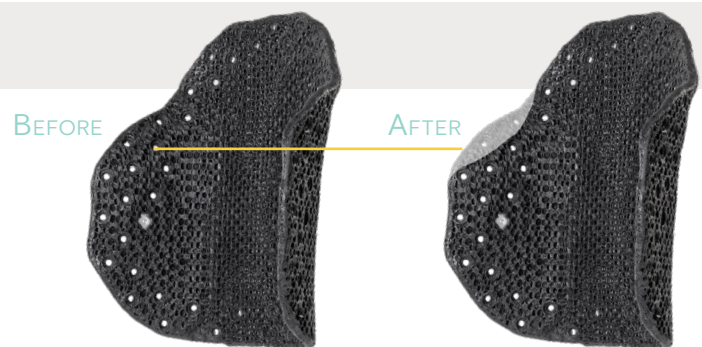
[How-To Video Link](#)



LATERAL TRIMMING

Lateral trimming involves removing or reducing material along the sides of the back support to improve clearance, prevent rubbing or interference with the user's arms or trunk, and achieve a more comfortable, tailored fit.

[How-To Video Link](#)



SCAPULAR RELIEF

Creating additional clearance or contour behind the scapula to allow free shoulder movement, reduce pressure on bony prominences, and prevent discomfort or skin irritation during propulsion or reaching.

