












BACK PARTS LIST

A 	B 	C 	D 	E 	F 
Back Shell Quantity: 1	Back Cushion (Optional) Quantity: 1	TensionHook Quantity: 4-1" or 4-7/8"	L-Bracket Quantity: 4	T Hook to Bracket Screw Quantity: 8	Bracket to Shell Screw Quantity: 8
G 	H 	I 	J 	K 	
Washers Quantity: 8	Weld Nut Quantity: 8	VERSALock® (Optional) Quantity: 4	Back Reinforcement Bar (PS22, PS24 Only) Quantity: 2	Headrest Bracket Reinforcement Plate Must be used with headrest bracket	

Instructions for Assembly

*Assembly tip: Install fasteners and weld nuts loosely until Step 8

STEP 1

Remove the Back Cushion (B) from Back Shell (A) (Attached with Velcro).

STEP 2

As seen in Figure 1, punch out appropriate partially drilled holes on the left and right hand side of the Shell (A). As displayed in Figures 2 & 3, determine correct orientation of L-brackets (D) for the desired back position/location. Attach 2 L-Brackets (D) to Shell (A) and Reinforcement Bar** (J) using 4 washers, 4 Bracket to Shell Screws (F) and 2 Weld Nuts. Repeat for 2 remaining L-Brackets. This assembly is illustrated in Figure 6.

**Reinforcement Bars are only included with 22" and 24" back models.

STEP 3

Attach TensionHooks (C) to L-Brackets (D) using 2 T Hook to Bracket Screws (E) and secure into 1 Weld Nut (H).

ADJUSTMENT CHOICES:

Fore/Aft: The L-Brackets (D) can be mounted in 2 directions to allow for Drop-In or Forward placement of the Shell to the wheelchair push handles as seen in Figures 2 & 3.

Recline/Tilt: By alternating the L-Brackets (D), the Back Shell (A) can be set at greater angle positions, which is displayed in Figure 3.

For back adjustment, the L-Brackets (D) allows a 3" range of lateral adjustment of the back and a 4 3/8" range of posterior/anterior adjustment for growth.

STEP 4

If installing Lateral QuickPlus or fixed bracket and pads, punch out appropriate holes for lateral bracket/pad placement.

STEP 5

If installing the Headrest assembly, first remove the carrying strap weld nut. Then punch out the holes indicated, located at the top/center of the shell (see Figure 4). Finally attach the headrest using the reinforcement plate (K) and weldnuts as seen in Figure 5. Headrests mounted without reinforcement plate may void warranty.

Instructions continued on next page →

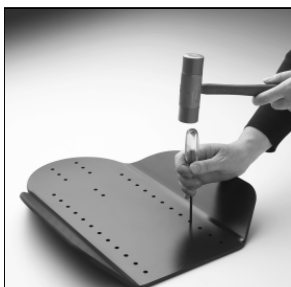


Figure 1

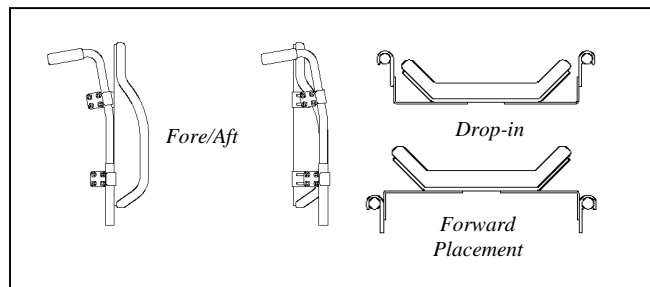


Figure 2

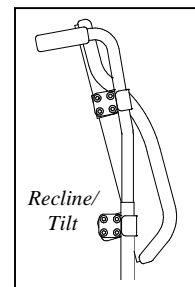


Figure 3

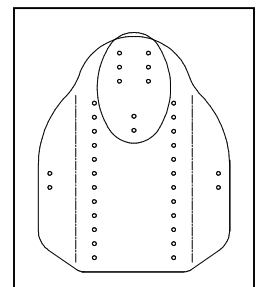


Figure 4

Instructions for Assembly

(Continued)

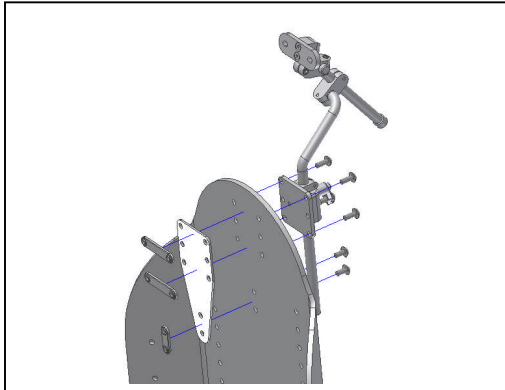


Figure 5

STEP 6 (optional)

The VERSALock® Hardware (I) can be installed and used as securing hardware and/or positioning guides for the Back. The top portion of the VERSALock hardware slides over the TensionHooks with a spring-loaded snap-action to hold the Back in place as can be seen in Figures 8 and 9.

The VERSALock comes with a set of fasteners that allow it to accommodate a range of tube sizes including 7/8" and 1". In order to install the VERSALock, snap over bar, insert the proper fasteners and screw tight to secure in place. The secured VERSALock can be seen in Figure 10.

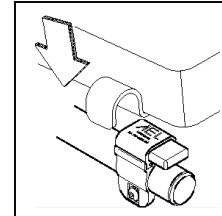


Figure 8

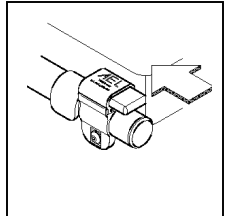


Figure 9

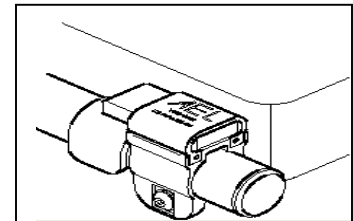


Figure 10

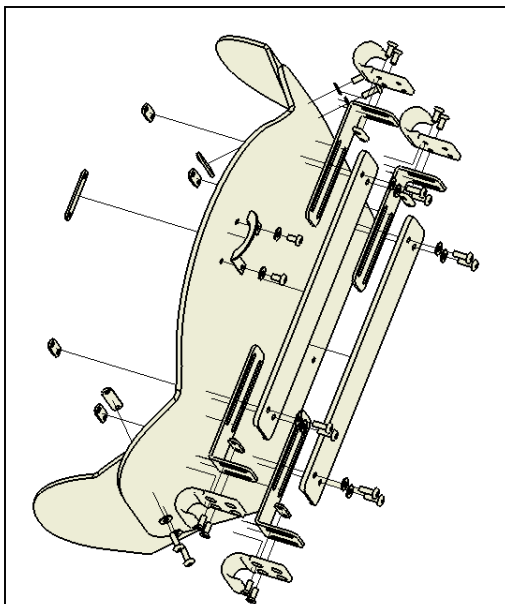


Figure 6

STEP 7

If installing Deep Contour Supports, punch out the two holes located on each side of the shell as seen in Figure 7. Attach the supports, adjust their position, and tighten fasteners and weld nuts securely.

STEP 8

Once all the hardware is in place, you can reposition the Back Cushion (B) in its original position on the Back Shell (A). Align the TensionHooks (C) with the wheelchair push handles and press firmly until they snap into place. Tighten all parts to 20in-lb (2.3Nm) and click the four VERSALocks (I) into position. This action is illustrated in Figures 8 & 9. Figure 10 shows the TensionHook secured by the VERSALock.

TRANSPORTATION

This product is suitable for transport when fitted to a wheelchair, in line with the wheelchair manufacturer's recommendations and where the wheelchair in use is suitable for transportation. Refer to wheelchair manufacturer's recommendations regarding suitability for transport and appropriate tie down restraints.

This product is intended for use with wheelchairs containing 7/8" and 1" cane sizes along with 12"-24" rail sizes.

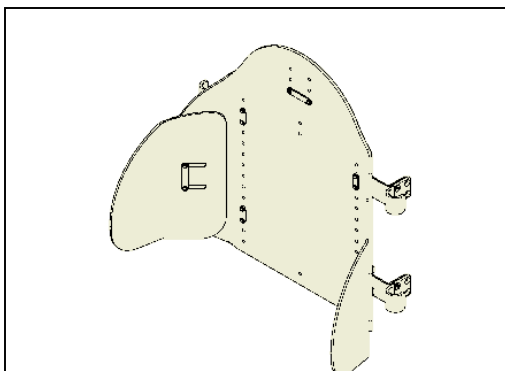


Figure 7

CLEANING & CARE

The wipe down cover can be cleaned using a solution of neutral detergent and hot water, applied with single-use wipe, or it can be laundered at 60°C/140°F.

Cleaning agents containing phenols or alcohol should not be used.

The cover should be thoroughly drip-dried before being refitted to the cushion. Do not tumble dry. For heavy soiling, the cover should be laundered at 71°C/160°F with a diluted detergent solution.

All fasteners should be inspected and adjusted periodically (steps 1-8) due to normal wear.

TESTING

This Back System is independently tested and meets the requirements of ISO 16840-4, as well as the requirements of the American National Standard for the Testing of Wheelchair Products and ANSI/RESNA Volume 1, Section 8 for impact and fatigue.

USER WEIGHT LIMIT

250 lbs. (113 kg) for 12"-20" shell
650 lbs. (295 kg) for 22"-24" shell with reinforcement bar.

Headrest mounted without reinforcement plate may void warranty. Drilling additional holes is not recommended and may void warranty.

In keeping with our policy of continuous improvement, we reserve the right to modify design without prior notice.

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