Acta-Embrace™ supports have patented moldable aluminum stays inserted into the cover. These stays can be molded to meet the contour of the spine.

How to mold the support stays:

1. Feel between the back support and the user’s back for gaps and/or identify areas that require positioning adjustments.
   Tip: Offset the stay placement to accommodate for rotation.
2. Unzip the top of the back support cover and remove the stays.
3. Mold the stays using hands and a firm surface a to fill in the gaps and/or provide positioning.
4. Reinstall the stays and have the user rest against the back support.
5. This is an iterative process, continue making adjustments until the proper support and positioning goals have been met. Close cover.
   Tip: Support stays can be remolded for changes in condition and positioning needs over time.

Alternate Compass® 4 Configurations

Each configuration provides 2" of depth adjustment

1. Standard Configuration (as shipped)
2. Flipped Cane Clamp
3. Flipped Cane Clamp and Depth Bracket
4. Flipped 90° Bracket and Cane Clamp
5. Flipped 90° Bracket

ACTA-EMBRACE™
Attaching Compass® 4 Hardware (Quick Release and Fixed, 2 and 4 Point) to Acta-Embrace™ and Acta-Embrace™ LTS
### Attaching Compass® 4 Hardware

#### Compass® Hardware (2 Point)

1. Loosen the two clamp bolts (A) on both sides using the 5mm Hex Key. Place and then tighten the clamps onto the wheelchair canes.
2. Slightly loosen bolts (B) on both sides using the 5mm Hex Key. Slide the brackets in and out until the wheelchair canes are relaxed. If further adjustments are needed that the bracket cannot accommodate, follow step 2A for Quick Release or 2B for Fixed Compass.

#### 2A- QUICK RELEASE

- Release toggle (C) and adjust the clamp angles until the wheelchair canes are relaxed. Then lower the toggle to engage the locking mechanism.

#### 2B- FIXED

- Loosen (but do not remove) the bolts (D) with a 5mm Hex Key and an 11mm Open-End Wrench around cone (E). Adjust the clamp angles until the wheelchair canes are relaxed.

3. Once the hardware is in the correct position with the wheelchair canes relaxed, fully-tighten bolts (E) on both sides.

4. Depth: Loosen bolt (F) on both sides using the 5mm Hex Key. The back support can slide up and down using either the slot on the back support shell or on the canes. Tighten both bolts (F) after the back support depth is adjusted.

5. Release: Loosen the top and bottom bolts (G) on both sides using the 5mm Hex Key so the back support can be tilted. Tighten all four bolts (G) after the back support angle is adjusted.

6. **IMPORTANT:** When installation and adjustments are complete, all bolts should be tightened to a minimum of 85 in-lbs. *This does not include locking screws (H) and (I). Tighten these only until contact is made.*

7. Tighten locking screws (H) on both sides using the supplied 2mm Hex Key to lock angle rotation. These make contact with reline bolts (I) and prevent angle rotation but may also be used for minor angle adjustments if bolts (I) are loose. Overtightening of (H) may cause unwanted changes in reline position.

8. Tighten cane clamp locking screw (J) on both sides using the 3mm Hex Key. This makes contact with the wheelchair canes to lock in the final clamp position.

#### Compass® Hardware (4 Point)

1. Note: If an alternate Compass 2 point configuration was used above, 4 Point hardware may need to be reconfigured as well.

2. Gently loosen bolts (K) and (L) on both sides to allow for adjustment of all mounting brackets using 4mm Hex Key.

3. Adjust the hardware so that mounting pegs (M) are resting against the canes as shown. Tighten bolts (K) and (L) to set the placement of the hardware.

4. Next, attach the cane mounts to secure each mounting peg against the cane.

5. Place the cane mounts (N) just below mounting pegs (M) and wrap strap (R) around the cane. Replace screw (P) and tighten. Complete for both left and right sides.

6. Tighten the screws located on the front of the cane mounts (not pictured) to fully secure the strap.

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**Quick Release Hardware Shown**

**Fixed Hardware Shown**

**Pediatric 90° Bracket Shown.** Installation steps apply to Pediatric 90° Bracket as well.

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**IMPORTANT:** When installation and adjustments are complete, all bolts should be tightened to a minimum of 85 in-lbs.

**Note:** If an alternate Compass 2 point configuration was used above, 4 Point hardware may need to be reconfigured as well.

**Gently loosen bolts (K) and (L) on both sides to allow for adjustment of all mounting brackets using 4mm Hex Key.**

**Adjust the hardware so that mounting pegs (M) are resting against the canes as shown. Tighten bolts (K) and (L) to set the placement of the hardware.**

**Next, attach the cane mounts to secure each mounting peg against the cane.**

**To attach the cane mount (N), remove screw (P) using 1/8" Hex Key to release one side of the cane strap (R).**

**Note:** Use the short strap (pre-attached) as for 7/8" and 1" canes. Use inner strap holes on the shorter strap for 3/4" canes.

**Or replace the strap and use the longer one provided in kit for 1 1/8" and 1 1/4" diameter canes.**

**Place the cane mounts (N) just below mounting pegs (M) and wrap strap (R) around the cane. Replace screw (P) and tighten. Complete for both left and right sides.**

**Tighten the screws located on the front of the cane mounts (not pictured) to fully secure the strap.**

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**See back for using Moldable Support Stays on Acta-Embrace™ back supports.**