

ACTA-BACK®

Attaching Compass® 4 Hardware (Quick Release and Fixed, 2 and 4 Point)
to Acta-Back®, Acta-Back® Deep, Acta-Back® Contour and Acta-Back® LTS



Compass® 4 Quick Release 2 Point Hardware on Acta-Back® Deep Pictured

PARTS INCLUDED (All Compass® 4 Styles):

- 1 - Complete Acta-Back®, Acta-Back® Deep, Acta-Back® Contour, or Acta-Back® LTS Assembly with mounting hardware
- 1 - 5 mm Hex Key
- 1 - 3 mm Hex Key
- 1 - 2 mm Hex Key

PLEASE REFER TO BOTH IMAGES TO THE RIGHT DURING HARDWARE INSTALLATION (ACTA-BACK® SHELL SHOWN)

PARTS INCLUDED (4 Point Hardware):

- 1 - 45° Assembly (Including additional straps for attachment to larger diameter canes)
- 1 - 1/8 in. Hex Key
- 1 - 4mm Hex Key

PARTS NEEDED (Fixed Hardware):

- 1 - 11 mm Open-End Wrench

- 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.
Tips: Make sure the clamps are the same height relative to one another on the canes and they sit square to the wheelchair. Make sure cane clamp locking screws (J) are flush to the inner clamp surface prior to installation.
- 2

Slightly loosen bolts (B) on both sides using the 5 mm 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 at the correct position with the wheelchair canes relaxed, fully-tighten bolts (B) on both sides. If bolts (D) were loosened in step 2B, tighten bolts (D) with a 5 mm Hex Key and an 11mm open-end wrench around cone (E) between 90-110 in-lbs.
**The installation of the back support is complete. Adjustments can now be made with the user seated during the process.*
- 4

If additional height adjustment is needed, lightly loosen either bolts (A) or (B) on both sides using the 5 mm Hex Key. The back support can slide up and down using either the slot on the back support shell or on the canes. Tighten all four bolts (A) or (B) again once at the desired height.
- 5

Depth: Loosen bolt (F) on both sides using the 5 mm Hex Key. The back support can slide forward or backwards up to 2 inches total. Tighten both bolts (F) after the back support depth is adjusted.
Tips: If additional depth adjustment is needed, Compass can be used in alternate configurations including swapping just the cane clamp or the whole depth adjustment bracket with cane clamp assembly to the opposite side of the wheelchair.
- 6

Recline: Loosen the top and bottom bolts (G) on both sides using the 5 mm Hex Key so the back support can be tilted. Tighten all four bolts (G) after the back support angle is adjusted.
*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 (J). Tighten these only until contact is made.*
- 7

Tighten locking screws (H) on both sides using the supplied 2 mm Hex Key to lock angle rotation. These make contact with recline bolts (G) and prevent angle rotation but may also be used for minor angle adjustments if bolts (G) are loose. Overtightening of (H) may cause unwanted changes in recline position.
- 8

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

Compass® Hardware (4 Point)

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

- 1

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

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.
- 3

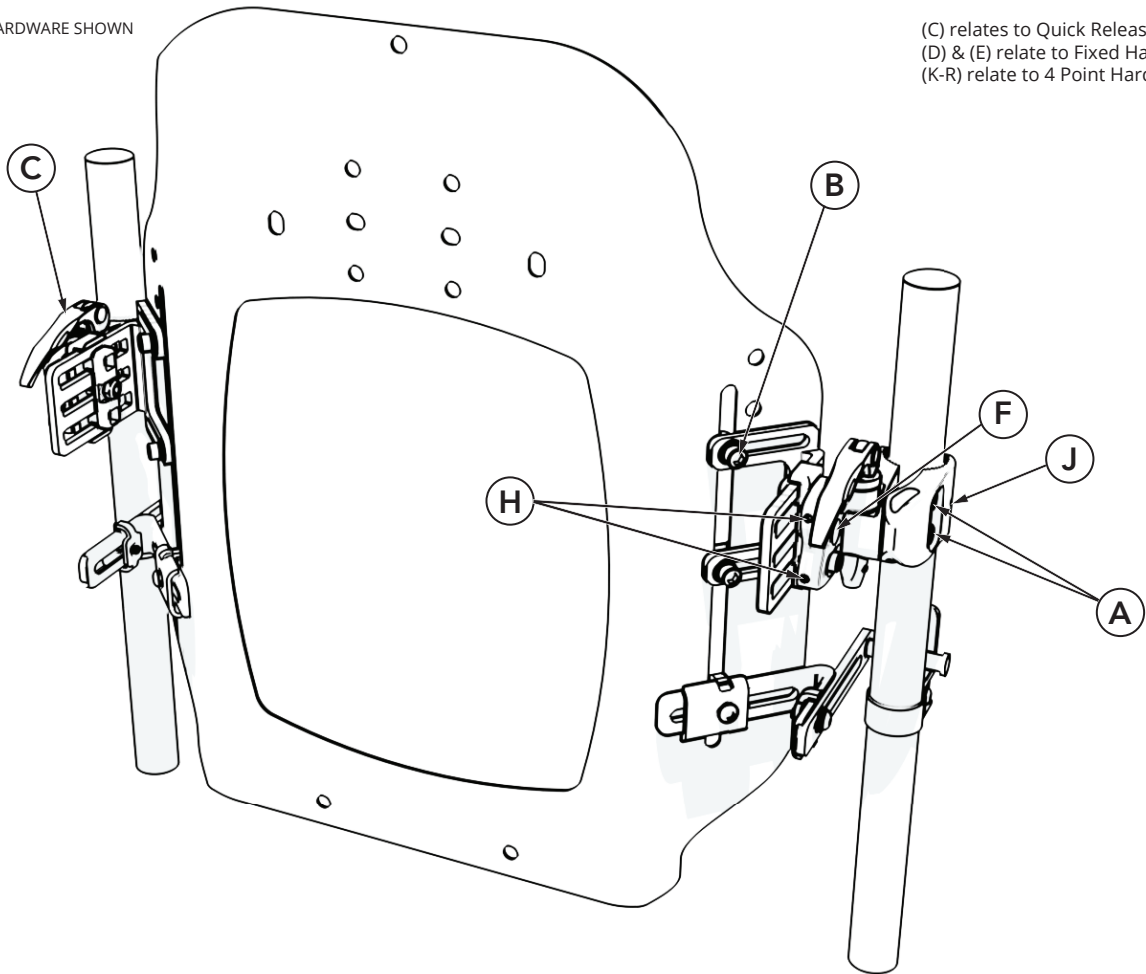
Next, attach the cane mounts to secure each mounting peg against the cane. To attach the cane mount (N), remove screw (P) using 1/8" Hex Key to release one side of the cane strap (R).
Note: Use the short strap (pre-attached) as is for 7/8" and 1" canes. Use inner strap holes on the shorter strap for 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.
- 4

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.
- 5

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

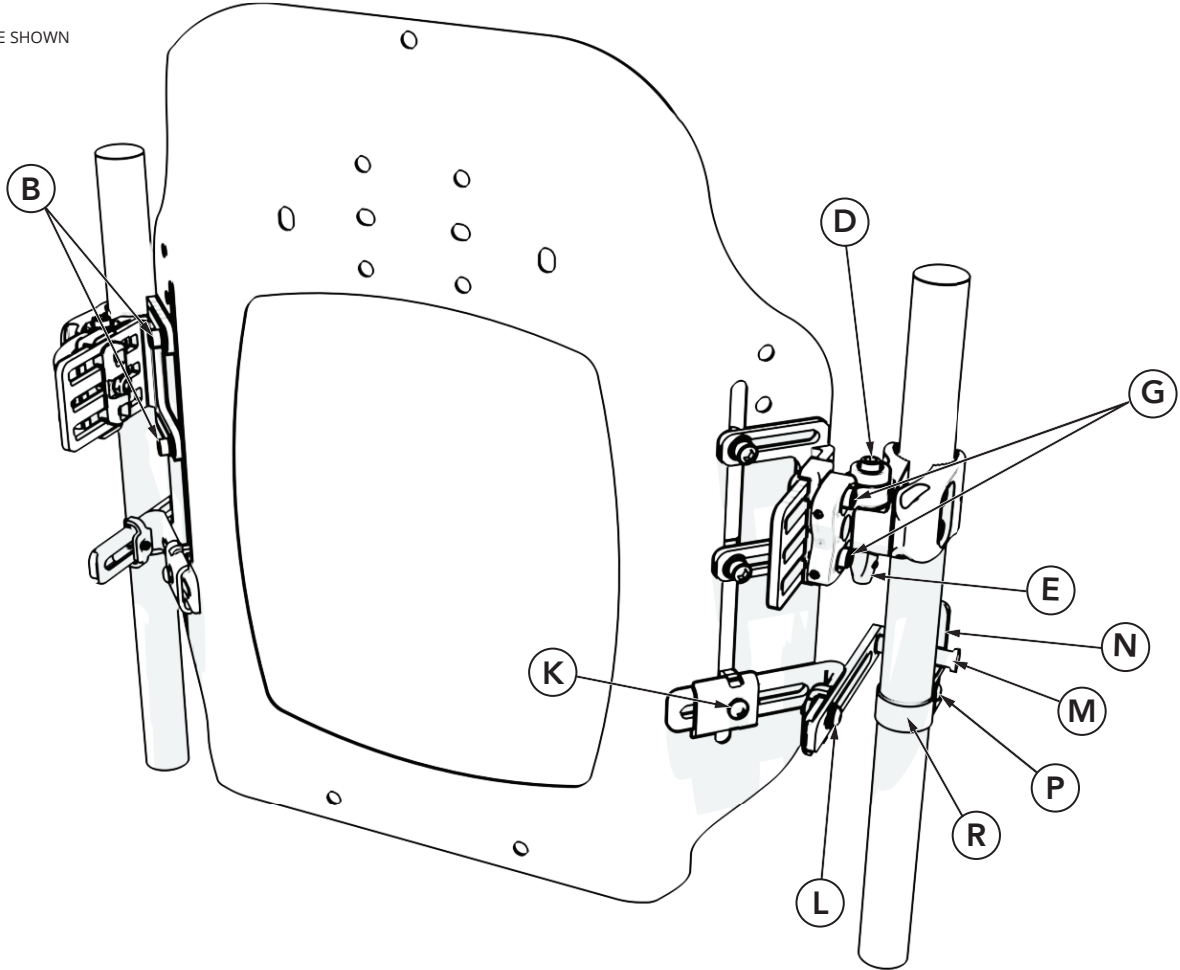
See back for using Moldable Support Stays on Acta-Back® series back supports.

QUICK RELEASE HARDWARE SHOWN



(C) relates to Quick Release Hardware Only
(D) & (E) relate to Fixed Hardware Only
(K-R) relate to 4 Point Hardware Only

FIXED HARDWARE SHOWN

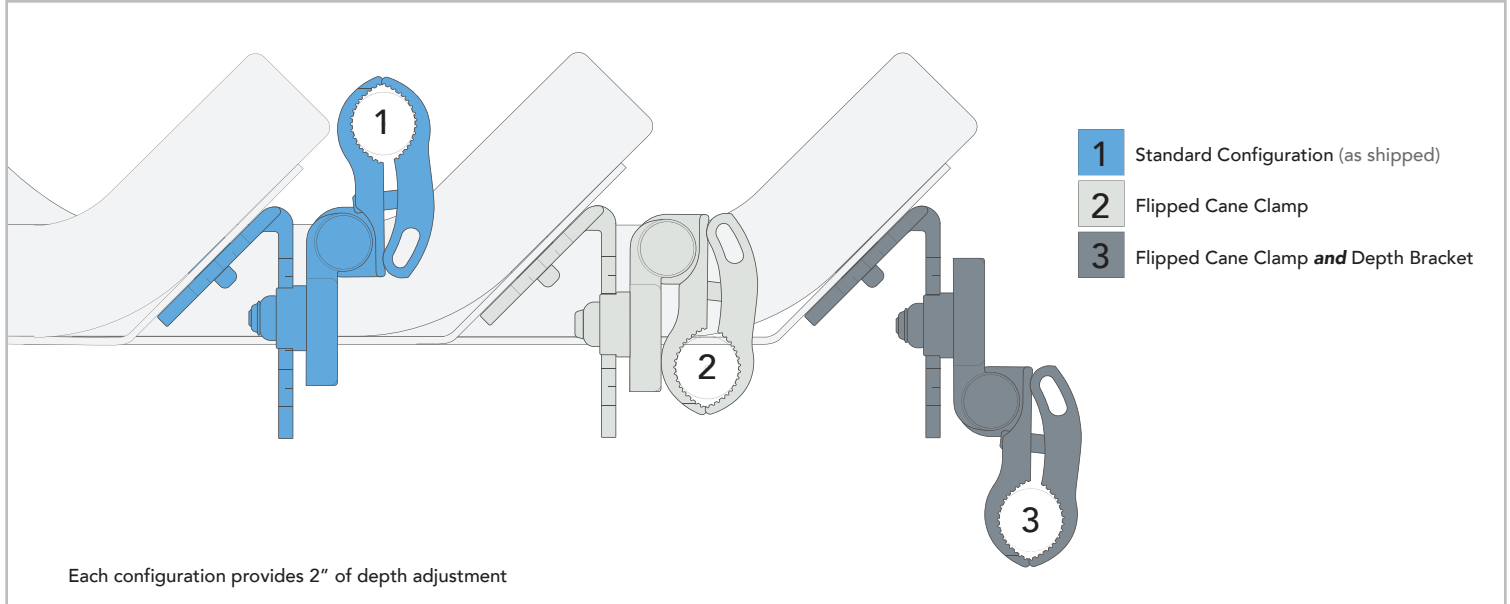


Acta-Back® supports have patented moldable aluminum stays inserted into the cover. These stays can be molded to meet the contour of the spine.

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 accomodate for rotation without having to rotate the entire back support.
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.
Tip: Make sure the bottom edge of the stay goes all the way to the bottom of the pocket and rests against the back support shell. If not, the stay will push through the shell opening and not provide the intended amount of 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



permobil
SEATING + POSITIONING