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Instructions for Use



Flexion Stop Kit®



Life Without Limitations®

ENGLISH

For use with CTi Custom, CTi OTS, and Ligament Knee Braces.

Included In Each Kit

- 1 Medial hinge plate with holes labeled “A–I”
 - 6 Small 5–40 × 3/16" plate screws
 - 1 Hinge cover (Right Round)
 - 1 Hinge cover right
 - 1 5/64" Allen Wrench
 - 1 Goniometer
 - 4 Washers

 - 1 Lateral hinge plate with holes labeled “A–I”
 - 3 Larger 8–32 × 3/8" stop screws
 - 1 Hinge cover (Left Round)
 - 1 Hinge cover left
 - 2 Hinge Cover Stickers
 - 4 Rollers
- Medial or lateral plate can be determined by matching each plate to the hinge with the similar shape.
 - If the brace comes preassembled with the flexion stop plates proceed to step #6.
 - For Cti Custom braces please proceed to step #2.
 - If the brace comes without the flexion stop plates proceed to step #1 below:
1. Remove hinge stickers from both hinges.
 2. Using a 5/64" Allen Wrench, remove all 4 Allen head screws from the plastic hinge plates (2 on each hinge).
 3. Replace hinge covers with the additional nonround hinge covers included in the flexion stop kit.
 4. Attach appropriate flexion stop plate to medial hinge plate in the same manner.
 5. Attach flexion stop plate to the medial hinge plate in the same manner.
 6. Install a 3/8" stop screw in the hole on lateral hinge (AI) which is equal to flexion stop desired. Place screw on outside of plate with roller on inside of hinge plate and tighten. In order to achieve positive contact between brace arm and roller, it may be necessary to install one or more washers between plate and roller.

Holes (AI) are set approximately 10–14° increments (depending on brace) with “A” approximately 0° and “I” approximately equal to 90°. **Check desired flexion degree with goniometer.**

NOTE: To achieve a positive lock at 0°, a #0 extension stop must be installed in the brace before flexion stop can be placed in “A” flexion stop hole. Due to the variation in custom made brace sizing, it may be necessary to use the Broller in the “B” flexion stop hole to achieve a positive lock at 0°.

7. Repeat instruction #6 for the medial hinge plate.

NOTE: The hole selected on the medial plate should be the same setting as the lateral hinge plate setting.

- Round hinge covers and stickers are for reassembly of nonflexion kit.

To Change Flexion Stops

1. Remove the screw holding the existing flexion stop roller in place.
2. Skip to step #6 above.

To identify roller compare to diagram below



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