

# 9005/9006 GX Assist Kit

## Fabrication Instructions

- 1 Fabricate the brace per FullStride/SafetyStride Fabrication Instructions (**Figure A**).
- 2 Carefully replace the pivot and lever tip bushings with the longer bushings included with the GX-Assist Kit.
- 3 Install the attachment plate (**Figure B**).
- 4 Attach the center pivot screw. Shims can be placed under the screw head (if needed), to ensure a proper fit (**Figure C**).
- 5 Verify proper function of the joint.
- 6 Connect pneumatic spring on the attachment plate by inserting the pin and e-clip (**Figure D**).
- 7 If more rotation of the spring is needed, the attachment plate arm may be angled slightly (**Figure E**).
- 8 Drill a  $\frac{13}{64}$ " hole proximal to joint center, 5.75" from spring attachment center. Bars must be contoured before location of hole is measured (**Figure F**).
- 9 Release clip and remove ball stud from the socket (**Figure G**).
- 10 Attach the ball stud and chicago bushing to the orthosis (**Figure H**).
- 11 Insert the ball stud back into the ball socket and secure with ball socket clip.

### **CAUTION**

*Proximal spring attachment must be in-line with joint center. Improper mounting may damage pneumatic spring. Verify spring does not limit knee joint ROM prior to use.*

*Do not puncture. Pneumatic spring under pressure.*



**Figure A**



**Figure B**



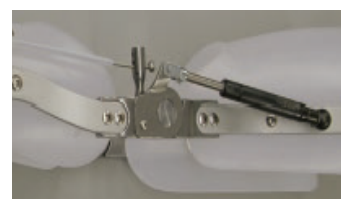
**Figure C**



**Figure D**



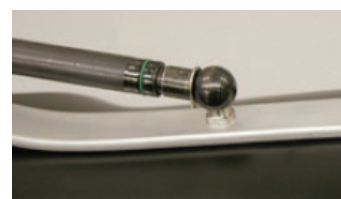
**Figure E**



**Figure F**



**Figure G**



**Figure H**



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Revision 12/01/23

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