

9015 GXL-KNEE INSTRUCTIONS

1 Fabricate brace following standard procedures.

2 Connect pneumatic spring to the attachment plate by inserting the pin and e-clip (Figure 1).



Figure 1

3 If more rotation of the spring is needed, the attachment plate arm may be angled slightly (Figure 2).



Figure 2

4 Drill a 13/64" hole proximal to joint center, 5.75" from spring attachment center (bars must be contoured before location of hole is measured) (Figure 3).

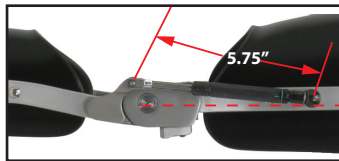


Figure 3

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.

5 Release clip and remove ball stud from the socket (Figure 4).

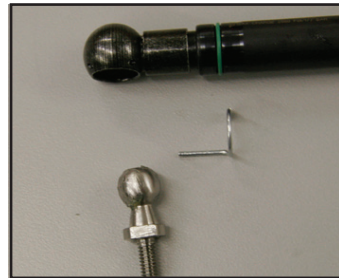


Figure 4

6 Attach the ball stud and Chicago bushing to the orthosis. (Figure 5).



Figure 5

Insert the ball stud back into the ball socket and secure the ball socket clip.

CAUTION: Do not puncture. Pneumatic spring under pressure.



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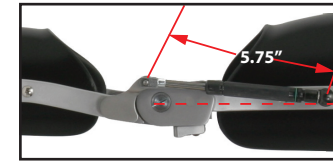


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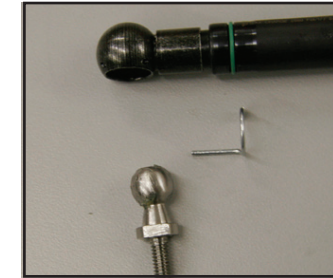


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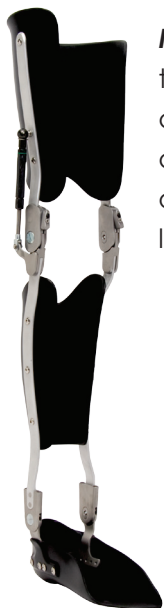
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Model 9015 GXL-Knee Fabricating Instructions



Model 9015 is a free motion knee joint that is designed to provide extension assist, not prevent knee flexion. In addition, the **GXL-Knee** has the option of locking at full extension for use as a locked knee joint.



Shown in
Free Motion
Position

Switching from locked to free motion with extension assist is performed by simply rotating the Key Locks away from the leg.

DESIGN CONSIDERATIONS

To ensure that optimal joint alignment and function is maintained, we recommend the use of inherently rigid materials.

FABRICATING CONSIDERATIONS

- Do not put flexion in the proximal bar, doing so can damage the locking mechanism.
- Only remove the center pivot screw. The trigger screws are bonded in place and may break if removal is attempted.
- Verify the locking triggers engage simultaneously prior to fitting the patient. This may require additional squaring of the medial and lateral joints
- Seal the joint while finishing. Debris can get into the joint and prevent proper function of the locking mechanism.

Please see back page for step by step instructions.



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