

Model 9000 GX-Assist Pneumatic Spring Fabrication Guidelines

During fabrication, it is important to properly install the GX-Assist pneumatic spring on the knee joint to ensure optimal performance and maximize the life of the component. **IMPORTANT:** the mounting dimensions are referred to the proximal and distal bars of the knee joint, assuming a pivot center that is not posteriorly offset to the bars. It is strongly recommended that GX Assist be installed only on Becker knee joints designed to accept the component. Mounting dimensions for the GX Assist are shown below.

1. The center distance between the GX Assist ball stud (proximal attachment) and the knee joint pivot center is 146mm.
2. The coronal plane clearance between the distal mounting bracket and the knee joint midsection is 6mm.
3. The center distance between the knee joint pivot center and the clevis pin through the distal bracket of the GX Assist is 32mm.

Note: The GX-Assist was not intended to be mounted to a posterior offset or polycentric knee joint.

