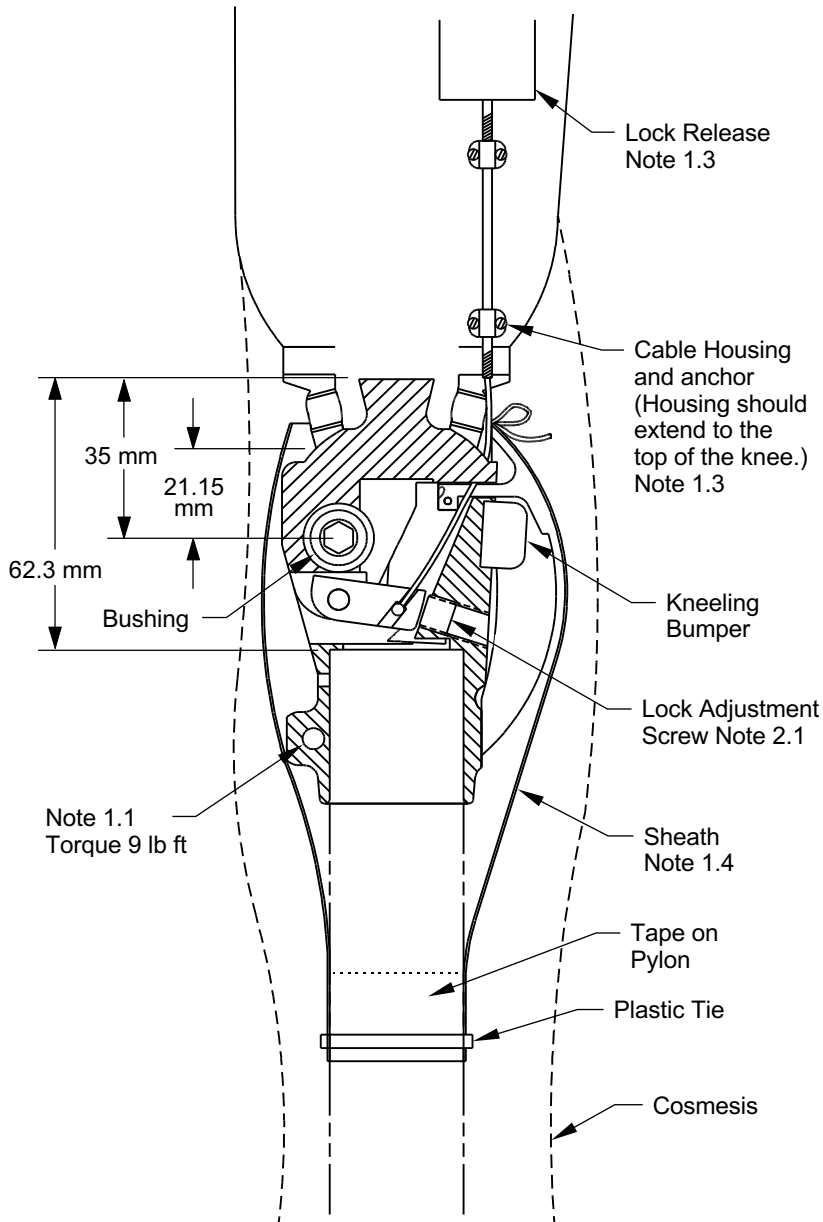


Single Axis Locking Knee, 60471

The Hosmer Single Axis Locking Knee is designed especially for geriatric patients and those amputees with low activity levels. The lightweight knee is not intended to be used unlocked except to sit or kneel. The release is semiautomatic to allow kneeling and sitting with an auto re-lock feature at full extension.



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Installation

- 1.1 Turn sheath inside out, Slide fabric sheath over tube. Insert tube into the tube clamp assembly. Tighten the clamp screw to 9 lb. ft. Use Loctite 242.
- 1.2 Attach the knee to the socket.
- 1.3 Locate the release mechanism so that the cable is as straight as possible. Screw cable housing into knee on either right or left side. Use cable housing anchors to prevent lost movement when the release is pulled. Housing should extend to top of knee so that the tie off will not be done over bare cable, restricting travel.
- 1.4 Slide the fabric sheath up over the knee. Tie the draw string. Pull the sheath down to eliminate “bunching” posteriorly. Mark the pylon at the end of the sheath. Slide the sheath up and wrap two or three layers of tape, such as electrical tape, around the pylon just above the line. Pull the sheath over the tape and over the knee turning right side out. Tie off with a plastic tie. If servicing is required, the sheath may be untied and pulled down over the knee.
- 1.5 Fabricate the foam cover.

Maintenance

- 2.1 The Single Axis Locking Knee is preset and requires little maintenance. After a period of time and depending on the activity level, the lock may need to be adjusted for A/P play. You may wish to ask the patient to return after six months to check the locking mechanism. If the knee develops a “loose” feeling while locked, adjust by tightening the anterior screw until the play is just removed. (Overtightening the lock adjustment screw may cause the knee to be difficult to unlock or unlock under load. A slight amount of A/P play may be preferable.)
- 2.2 The bushing is permanently lubricated. **DO NOT DISSASSEMBLE THE KNEE. DOING SO WILL VOID THE WARRANTY.**