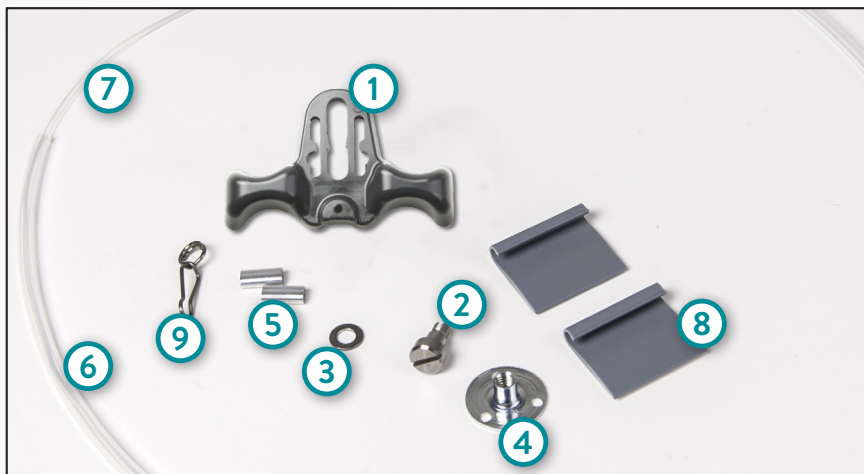




**college park**  
TECHNOLOGY for the HUMAN RACE

**REMOTE LOCK**  
*fabrication instructions*



## PACKAGE CONTENTS

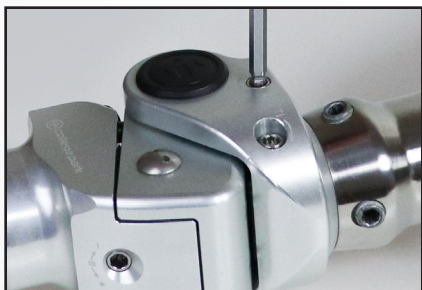
- |                        |                         |                                   |
|------------------------|-------------------------|-----------------------------------|
| 1. Dual Function Lever | 5. Locking Collars (2)  | 9. Lanyard Clip                   |
| 2. Shoulder Screw      | 6. Plastic Tube         | • Extension Spring<br>(not shown) |
| 3. Washer              | 7. Nylon Lanyard        |                                   |
| 4. Threaded Coupler    | 8. Attachment Clips (2) |                                   |

## INSTRUCTIONS

### 1. Enable Locking Mode

*Note: Do not remove the release screw or apply Loctite*

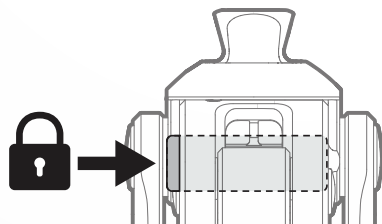
#### GUARDIAN KNEE



Extend the knee joint.

Turn the release screw counterclockwise about  $3\frac{3}{4}$  turns.

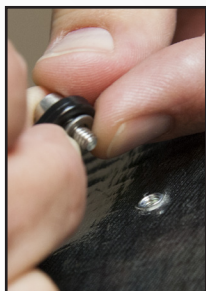
#### AURA KNEE



Extend the knee joint.

Push the lock button from the left side.

**⚠ CAUTION:** Test the knee to ensure it does not flex, prior to patient fitting.

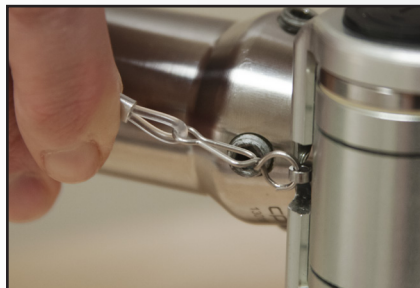


## 2. Mount Lever to Socket

Laminate coupler into socket or drill a 6mm hole in desired location for the dual function lock lever.

**Note:** Coupler must be flush with outer socket surface or lever may not work.

Thread shoulder screw through lever slot and washer, rounded corners facing socket. Apply Loctite® 242, then thread onto coupler. Torque to 2 N-m.



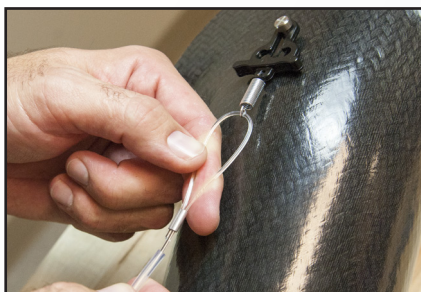
## 3. Distal Attachment

Squeeze lanyard clip to open and attach to knee release lever.

Thread nylon lanyard through attachment spring and locking collar.

Determine correct length for plastic tubing, then cut. Thread nylon lanyard through tubing.

**Note:** Do not cut nylon lanyard yet!



## 4. Proximal Attachment

Thread nylon lanyard through extension spring and locking collar.

## 5. Determine Length

Determine appropriate length for the lanyard. Verify the correct amount of tension by pulling up on the dual function lever. This will raise the release lever.

Adjust the lanyard length to achieve full range of motion.



## 6. Connect Tubing to Socket

To prevent lock malfunction, tubing/ lanyard should be mounted in a straight line.

Place attachment clips in the desired position on socket. Trim or grind the width of the clips as necessary.

**Note:** Clips should support the direction of the pull, i.e. hook end of clip should be facing posterior.

Connect plastic tubing into clips.



## 7. Verify Function

Test manual lock function before delivery. Make sure the lanyard is not obstructed and the lever works properly.

Instruct patient on proper use of the manual lock.



## 8. Trim Nylon Lanyard

Crimp proximal and distal locking collars to secure, then trim away excess lanyard.


**Note:** Prior to crimping the locking collar, perform a test fitting with your patient to verify the correct height and alignment of the prosthesis.



## USING THE DUAL FUNCTION LEVER

The patient can control when the knee is locked or unlocked, if the knee is set in locking mode and the dual function lever is installed.

**Note:** *Instruct the patient on proper use of the dual function lever. Make sure they understand the operating positions.*

	<p><b>Locked Position</b> <i>Standing/ Walking</i></p> <p>The knee will not flex.</p>
	<p><b>Lock Release Position</b></p> <p>Pull upward on the lever only half-way, without passing the detents. Releasing the lever will return it to the locked position.</p>
	<p><b>Unlocked Position</b> <i>Deactivates the lock function temporarily</i></p> <p>Pull upward on the lever all the way, passing the detents. There will be a “click” sound and feeling. Push down on the lever to return to the locked position.</p>

## TO SIT DOWN

1. Pull upward on the dual function lever to allow the knee to flex.
2. **GUARDIAN KNEE ONLY:** If toe load feature is enabled: to unlock the knee, the patient must shift their weight forward slightly (apply a toe load or hyperextend knee) while also pulling upward on the lever.

## TECHNICAL ASSISTANCE / EMERGENCY SERVICE 24/7/365

College Park’s regular office hours are Monday through Friday, 8:30 am – 5:30 pm (EST). After hours, an emergency Technical Service number is available by calling the main line.



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