

Patent No. 6668894, other patents pending

Weight limit 265 lbs

CD102M

**LowPro Summit™ Lock
With Manta**

**Coyote
Design**

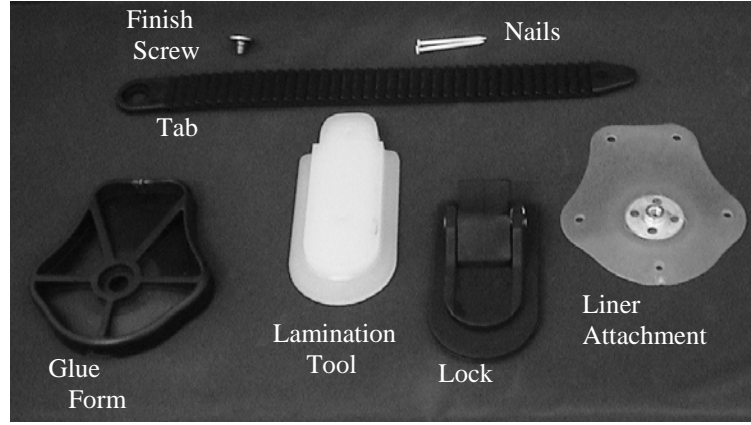
Customer Service

(800) 819-5980 or (208) 429-0026

www.coyotedesign.com

CE Coyote Design & Mfg. Inc.
7450 W Lemhi Street, Boise, ID 83709

MADE IN USA



Fabrication for AK Placement of LowPro Summit™ Lock with Manta

Correct fabrication of the LowPro Summit™ Lock with Manta requires use of Coyote® Quick Adhesive. The Quick Adhesive sets extremely fast. If not glued fast enough it may not properly adhere to the liner. The glue can be refrigerated to increase the work time.

When using, work quickly.

The Quick Adhesive is sold separately.

CD4120—20cc cartridge

CD4180—180cc Cartridge

* CD4180 requires a dispensing gun and mix tips



Draw a vertical line down the lateral anterior side of the socket.

Measure 1" below medial brim and mark. Bring that measurement to intersect with the vertical line on the lateral anterior side.



This represents the top center of the fabrication tool of the lock.

Set fabrication tool on the cast and trace an outline.

Lightly sand the cast in the lock location to create a small flat area for the lock. Refresh the fabrication tool outline.

Pull PVA bag over cast. Place a piece of tape on PVA bag in lock location.



Nail tool to cast in location marked.

Ensure there is no lip underneath the tool. Layup and laminate as usual. Remove mold form socket.

Grind socket to expose fabrication tool.

Remove fabrication tool.



Mark location of lock rivets.

Lightly sand area to add relief for lock.

Additional sanding may be needed to ensure there is no lip below the lock.

Glue the lock into the hole created by the lamination tool using Quick Adhesive.



Glue is placed on both sides of the lock rivet for extra hold.

Gluing Manta Liner Attachment to Liner



Patient steps into socket. Liner is marked at top edge of hole in socket.



Liner is rolled over a piece of plastic to pre-stretch the liner and create a flat working surface.



Measure 1/4" above mark on liner. This mark represents the bottom of the Manta attachment.



Attach liner attachment to the glue form with the finish screw.



Clean the underside of the liner attachment with acetone.



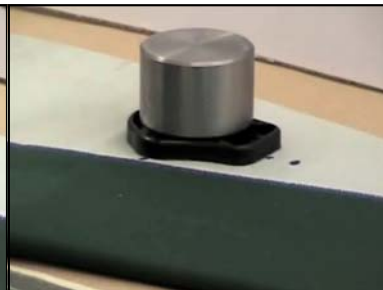
Mark around the liner attachment to ensure exact placement.



Run a bead of Quick Adhesive around the edge of the liner attachment. Smear the bead into a thin layer on the attachment.



Quickly set liner attachment in marked location.



Place small weight on backside of the glue form to hold in place. Leave in place for 15 minutes.



Remove the glue form and secure the tab to the liner attachment with the finish screw. Use Loctite® 242 to ensure permanent attachment.

Fabrication for LowPro Summit™ Lock when a flexible inner socket used



Lightly sand the cast in the lock location to create a small, flat area for the lock. Refresh the fabrication tool outline.



Vacuum form flexible inner socket over mold. Apply Quick Adhesive to lamination tool and attach to inner socket at marked location.



Use putty to ensure there are no gaps between lamination tool and inner socket. Layup and laminate as usual. Remove mold.



Grind socket to expose lamination tool. Mark location of tool on flexible inner socket and remove Lamination tool and flexible inner from socket.



Cut a hole in flexible inner where marked, matching the width of the tool.



Taper hole to ease donning. Be careful not to over widen hole.



After installing lock reinstall flexible inner socket.

BK Placement of LowPro Summit™ Lock with Manta

The liner attachment is located anterior lateral between the fib head and the tibial tubercle. Make sure the liner attachment is far enough below the brim to remain compressed within the socket. After removing the tool, have the patient step into the test socket; mark the liner at the top of the hole. The bottom of the bowtie liner attachment will be 1/4" above that mark.

