

When transferring, it is recommended to use a new lock or lock housing in the definitive socket. The lock in the test socket can be removed when time permits and reused in another test socket. This will also allow you to duplicate the alignment established in the test socket in the definitive.

- **33** Take measurements for more accurate comparisions.
- 31 Remove o-ring from hous- 32 Rest mold and lock on alianable connector. Place test socket next to mold and compare alignments.



- 41 Place lock on anchor in desired location (see Caution #1). Clean excess glue.

- 28 Lube and install glue plate on alignable to Coyote alignable connector.
 - **29** Attach a pyramid
- 30 Install pyramid on
- adaptor.



- **36** Remove pyramid from tube clamp then remove pyramid and glue plate.
- 37 Remove all lock parts before laminating. Put wax or clean clay in



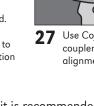
- **38** Pull inner PVA bag over mold. Bag may be heated to help conform to distal end. Tie PVA to
 - anchor in the tie-off ring.
- **39** Trim excess PVA

40 Run bead of Coyote Quick Adhesive or five minute epoxy around



- fabrication plug hole.
- - material between tieoff groove and o-ring. Keep o-rings clear.

funnel of lock.



Transferring Alignment

connector

CE

8-click pin

Ancho

((((1)))))

Pin adaptor screw

Fabrication plug

Manufactured by

Coyote

Deślań

419 N. Curtis Rd., Boise, Idaho 83706

(208) 429-0026 | www.coyotedesign.com

Springs (3)

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Pin spacers (3)



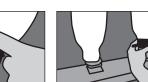


ing. Install lock on mold

in desired location, mark

release. button location.

(See Caution #1)





alignment during fitting.

- 27 Use Coyote alignment coupler CD106 for
- ONLY one way. Verify orientation first. (See Caution #3)



If using casting handle, begin with Step 1. If NOT using casting handle, skip to Step 4.

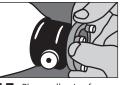






Drill 1/2" diameter hole. 8 Place anchor in lock. Angle hole to help anchor adhesive.





15 Place adhesive foam on connector posts. Place connector offset or centered.







CAUTION (page 1)

- 1. Do not position lock with release button pointing posterior or anterior. Typically release button is oriented medially.
- 2. Typical Coyote® components use 6x18mm screws. In atypical setups, longer screws may be needed. Always use screws class 10.9 or better.
- 3. Do not lubricate inside of lock, this will attract debris. If you have a noise issue, it is typically due to seating. Call for technical assistance.
- 4. Always use screws provided during lamination to ensure proper depth is created for attachment.



34 Separate lock from connector. Fill connector with Coyote Quick Adhesive or fast-setting epoxy



35 Place mold and lock back into connector in desired location. Let set



Need assistance?

Call us, we would love to help. (208) 429-0026



42 Pull nylon stockinet or other materials over connector, lock and mold.



44 Ensure holes of **43** Twist and reflect material to leave a small connector are exposed. open circle in center of A hot nail or awl can connector be used.



45 Pull first composite layer over mold. Cut top edges to fold around posts.



46 Reinforce with carbon tape between posts. Avoid extra material around fabrication pluc for easier removal



47 Lubricate screws and install five hole plate. (See Caution #4)



posite under five hole plate, and reflect down over mold

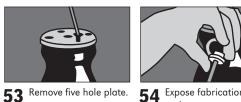


48 Tie second layer of com- **49** Pull bag and laminate as usual. Initially restrict flow to force lamination through the center hole on plate, forcing out air pockets.

50 Toward end of be placed over five excess resin out of lamination.

Finish



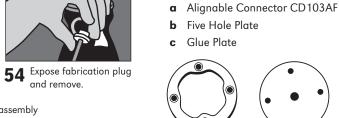


and remove.

52 Expose edge and remove excess lamination.

55 Smooth rough edges of distal end. Hole for valve body can be smoothed for easier install

56 See steps 21-25 for lock assembly instructions. Use 6x18mm screws provided (see Caution #2 and #4) and Loctite[®] Blue 242 when attaching pyramid. Torque provided connector screws to 10 Nm.



Connector Parts

Parts Sold Separately

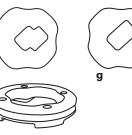
d 6mm x18mm Screws

e Small foam circles (4)

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- f Multi-Direction Insert CD103MDI
- g Single-Direction Insert CD103SDI







i Lock Wrench CD103WH **k** Casting Handle CD316A

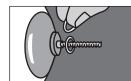


Practitioner Instructions

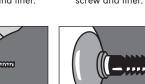
Poor lock pin spacing leads to premature wear. There should be no play between the lock and liner when fully engaged. You may need to add spacers to the pin to ensure this. Check for proper amount of play before putting lock into socket.



Install pin on liner. Engage If there is play, loosen lock to check for play pin away from adaptor between lock and liner screw and liner



v Based on the gap created by loosening pin, install appropriate number of pin spacers on adaptor (see Caution #2).



vii After installing pin **Vi** Replace pin on adaptor, making sure base fits snugly on pin spacers.



iv Gap is created between pin and liner.

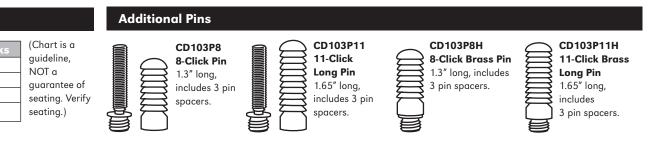
Documenting Suction

We view suction not as a component or a code, but as a function. Pistoning and milking can be reduced by maintaining a suction socket when using this lock.

- The suction feature of the lock can be demonstrated and documented very simply.
- Have the amputee step into the lock and seat completely.
- Using the lock wrench, remove the valve body, release button, and outer spring from the lock. The amputee is still locked into the socket, but air is now allowed to flow into the bottom of the socket like a traditional pin.
- Walk the patient normally.
- Amputee may experience a difference in how the socket feels immediately, after some ambulation, or after reinstalling the valve body, release button and outer spring. Patient feedback should be documented.

Call for more information on coding of the Air-Lock: (208) 429-0026.

* It is the practitioner's responsibility to demonstrate, document, and



CAUTION (page 2)

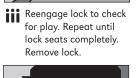
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- 2. Typical Coyote[®] components use the screws may be needed. Always use screws class 10.9 or better.
- 3. Do not lubricate inside of lock, this will it is typically due to seating. Call for technical assistance.
- 4. Always use screws provided during lamination to ensure proper depth is created for attachment.
- 5. Never exceed 3 pin spacers.
- and/or practitioner.

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proper seating and engagement.

Air-Lock with P8 Pin

Liner	Size	Spacers used	No. of clicks	(Chart is a
Alpha Original	М	1	5	guideline, NOT a guarantee of seating. Veri seating.)
Alpha Select	М	0	5	
Ossur	26.5	1	6	
Alps	26	1	5	



spacers, re-engage

lock to be sure there

is no play.



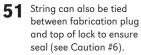


pin. Pin may need to be tightened with a 7/16" or 11 mm wrench. (See Caution #4, #5, #12)



lamination, tape can hole plate to squeeze

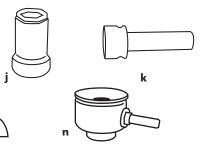




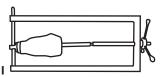


Extractor, Socket Removal Tool CD301

m Fabrication dummy CD103FD (for flexible inner liners, NOT for drop-in system)



n Fitting Lock (for pin spacing) CD103FL



For tracking purpose, write LOT number (from funnel of lock) here: ____

- 6x18mm screws. In atypical setups, longer
- attract debris. If you have a noise issue,
- 6. Lay-up instructions are helpful hints on how to work with the lock and connector. Actual lay-ups are responsibility of the technician
- 7. Note number of clicks for engagement. There should be at least 2 to 3 clicks engagement prior to any ambulation and more clicks should occur after a few steps. 5 to 6 clicks (depending on liner) are required for full/

- 8. Liner threads vary. Begin threading pin into liner by hand whenever possible. A wrench will be needed in cases of tight threads.
- 9. Regardless of threading, always use Loctite® Blue 242 on lock pin threads. If installing into a plastic distal adaptor Loctite® Blue 242 should also be used.
- 10. The CD103P11 is the longer pin for the Air-Lock. However, with most liners this longer pin will bottom out in the lock. If a long pin is needed, call Coyote for information on extending the depth of the lock to allow for use with the longer pin, or for a deeper lock option.
- 11. If using a flexible inner liner, do not leave plastic over lock housing, this can cause air leakage and other issues. You should laminate directly over housing. Contact Coyote for more information, or visit the video gallery at coyotedesign.com.
- 12. If you have a pin you cannot install, even with a wrench, contact Coyote for a replacement.