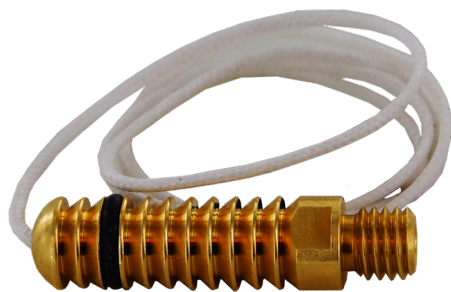




# CD118P

## Locking Lanyard Pin

### Fabrication Instructions



Weight limit: 350 lbs.

2-year warranty against manufacturer defects, excessive wear or breakage.

Patent No. 6334876  
External Prosthetic Components



Advena Limited  
Tower Business Centre  
2nd Flr, Tower Street  
Swatar, BKR 4013  
Malta



CD118P.revA.01292024



#### Parts Included



CD118P  
Locking Lanyard  
Pin



118PC  
Lanyard Pull Cord

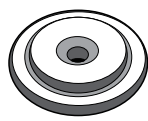


Pin spacers (3)



Guide Pin CD103GP

Products not included  
in package but you may  
want to order.



CD118PD  
Lanyard Disk

EN | Instructions for Use  
DE | Gebrauchsanweisung  
FR | Notice d'utilisation  
ES | Instrucciones para el uso  
IT | Istruzioni per l'uso  
NO | Bruksanvisning  
DA | Brugsanvisning  
SV | Bruksanvisning  
EL | Οδηγίες Χρήσης  
FI | Käyttöohjeet  
NL | Gebruiksaanwijzing

PT | Instruções de Utilização  
PL | Instrukcja użytkowania  
CS | Návod k použití  
TR | Kullanım Talimatları  
RU | Инструкция по использованию  
JA | 取扱説明書  
ZH | 中文说明书  
KO | 사용 설명서



[www.coyote.us/instructions](http://www.coyote.us/instructions)



Manufactured by Coyote®  
419 N. Curtis Rd., Boise, Idaho 83706 USA  
(208) 429-0026 | [www.coyote.us](http://www.coyote.us)



#### Alignment



**1** The hole in 5 Degree AK Connector is designed for adjusting alignment.



**2** Make sure the bottom post on the lock is not blocked by attachment.



**3** A hole will need to be made on the bottom of the post for the cord.



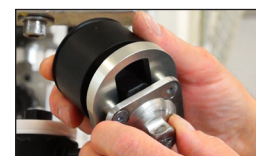
**4** The spacer disks can be helpful for building the correct height.



**5** The better the access to the post bottom the easier finishing is.



**6**



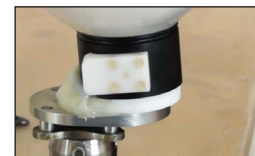
**7** If you don't use spacer disks make sure your not resting on the lock post.



**8** Push the lock forward to clear the pyramid you choose.



**9**



**10** Use Coyote Quick Adhesive to attach lock in desired alignment.

**11** Creating a buildup behind the lock can help reinforce in the lamination process.

#### Lay-up

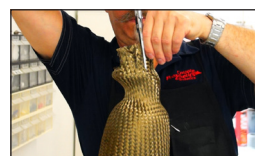
It is recommended to use the Deep Air-Lock or Deep Easy-Off lock with the Locking Lanyard Pin. Make sure to read through the directions that come with your Deep Air-Lock or Deep Easy-Off Lock and modify your lamination accordingly.



**12** Reinforce offset as needed.



**13** Laminate in your preferred method. Pull composite layer over mold.



**14** Cut top edges to fold around posts.



**15** Finish layup.



**16** Use your favorite resin for laminating.



**17** Restrict flow to force lamination through the center hole on plate and force out air pockets.



**18** String out rest of lamination as typical.



**19**

#### Making hole for lanyard cord



**20** Using a CD103GPN Guide Pin can help finding the center of the lock and drilling it out



**21** Place the Guide Pin into the center of the lock.



**22** Use a long 1/4" drill bit to drill a hole through the bottom of the lock and socket.



**23** Using a countersink tool can help open the hole on the lock or...



**24** Use a 1/2" bit to drill to the plastic.



**25** Open up the hole some more with the Trautman.



**26**



**27** Try to make the hole large enough the pin can pass through.

For a more detailed video fabrication description go online to [www.coyote.us/videos](http://www.coyote.us/videos)

## Need assistance?

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

Parts Sold Separately

Connector Parts

- a

Alignable Connector CD103AF
- b

Five Hole Plate
- c

Glue Plate
- d

6mm x18mm Screws
- e

Small foam circles (4)
- f

Multi-Direction Insert CD103MDI
- g

Single-Direction Insert CD103SDI
- h

One-Shot Connector CD111

Related Parts

- i

Alignment Coupler CD106
- j

Lock Wrench CD103WH
- k

Casting Handle CD316A
- l

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
- o

Guide Pin CD103GP
- p

Lanyard Disk CD118PD

Practitioner Instructions

Poor lock pin spacing leads to premature wear. There should be no play between the lock and liner when fully engaged. To ensure this, spacers may need to be added to the pin. It is best to check this with a lock that has not been put into a socket yet.

- 1 Install pin on liner. Engage lock to check for play between lock and liner.
- 2 If there is play, loosen pin away from adapter screw and liner.
- 3 Reengage lock to check for play. Repeat until lock seats completely. Remove lock.
- 4 Gap is created between pin and liner.
- 5 Based on the gap created by loosening pin, install appropriate number of pin spacers on threaded end (see Caution #2).
- 6 Replace pin on adapter, making sure base fits snugly on pin spacers.
- 7 After installing pin spacers, re-engage lock to be sure there is no play.
- 8 Apply Loctite® Blue 242 to threads of lock pin. Pin may need to be tightened with a 7/16" or 11 mm wrench. (See Caution #4 and #5)

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 select appropriate codes for insurance billing.

Detach here and keep everything below with patient records

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

ATTENTION

- 2A.
- 1 Lever and lock do not lock automatically. Ensure lock is in the closed position; when lever is flush against socket, it is CLOSED (see Step 58.) Practitioner must give instructions on donning and doffing.
  - 2 Use the 6x18mm screws provided with typical components. In atypical setups, longer screws may be needed. Always use screws class 10.9 or better. Make sure screw length fully seats into connector base not just post, longer screws may be needed depending on pyramid thickness.
  - 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.
  - 5 Never exceed 3 pin spacers.
  - 6 Lay-up instructions are helpful hints on how to work with the lock and connector. Actual lay-ups are responsibility of the technician and/or practitioner.
  - 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/proper seating and engagement.
  - 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. Follow liner manufacture instructions as they can vary.
  - 10 The CD103P11 is the longer pin for the Easy-Off 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.

Need more help?

Fabrication videos can also be viewed at [www.coyote.us/video](http://www.coyote.us/video)