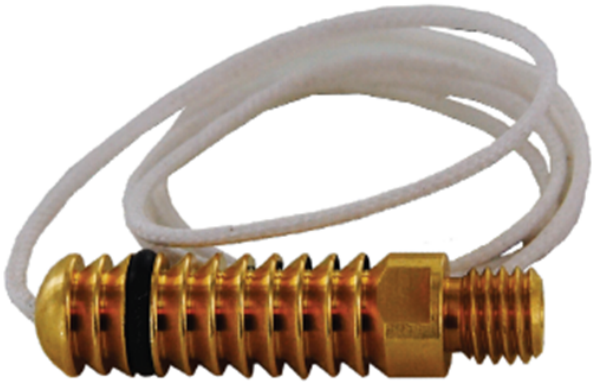
CD118P

Locking Lanyard Pin

Fabrication Instructions



Weight limit: 350 lbs.

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

Patent No. 6334876 Made in U.S.A.

External Prosthetic Components

8 11576 02258 3

MD CE EC REP

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

Manufactured by Coyote®

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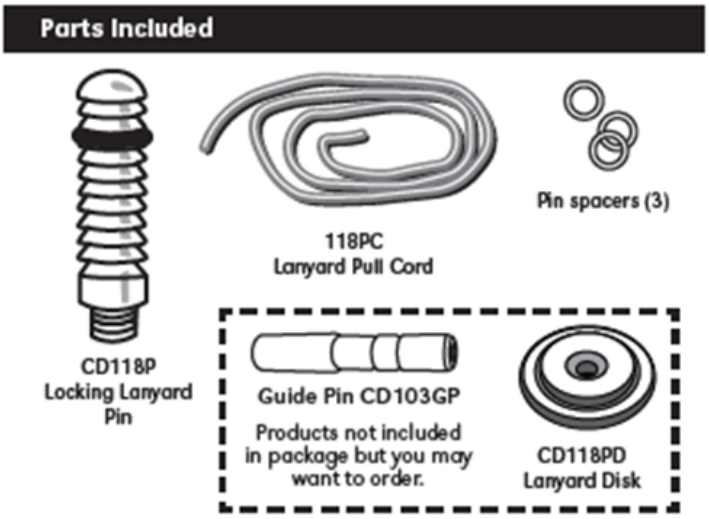
(208) 429-0026 | www.coyote.us

CD118P.revA.06012021



Cd118P Locking Lanyard Pin

118PC Lanyard Pull Cord

Pin Spacers (3)

Guide Pin CD103GP – Products not included in the package but you may want to order.

CD118PD Lanyard Disk

Alignment

1 The hole in the 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 Photo pointing at the base of the lock

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

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

9 Photo pointing at the base of the connector with lock clearing pyramid.

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

11. Creating a buildup behind the lock can help reinforce 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 the 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 the plate and force out air pockets.

18 String out rest of lamination as typical.

19 Photo stringing the socket.

Attention (page 1)

1. Typical Coyote® components use 6x18mm screws. In atypical setups, longer screws may be needed. Always use screws class 10.9 or better.

2. Do not lubricate the inside of the lock, this will attract debris. If you have a noise issue, it is typically due to seating. Call for technical assistance.

3. Always use screws provided during lamination to ensure proper depth is created for attachment.

Making the hole for the lanyard cord

20 Using a CD103GPN Guide Pin can help find the center of the lock and drill 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 sander.

26 Picture of the hole in the bottom of the lock.

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

For a more detailed video fabrication description go online to www.coyote.us/videos

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 the liner. Engage lock to check for play between lock and liner.

2 If there is play, loosen the pin away from the 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 the pin, install an appropriate number of pin spacers on the threaded end (see Caution #2).

6 Replace the pin on the adapter, making sure the base fits snugly on pin spacers.

7 After installing pin spacers, re-engage the lock to be sure there is no play.

8 Apply Loctite® Blue 242 to threads of the lock pin. The 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.

For tracking purposes, write the LOT number (from the funnel of lock) here:

Attention (page 2)

1. Typically release button is oriented medially.

2. Typical Coyote® components use the 6x18mm screws. In atypical setups, longer screws may be needed. Always

use screws class 10.9 or better.

3. Do not lubricate inside of the 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 the responsibility of the technician and/or practitioner.

7. Note the 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 the liner) are required for full/proper seating and engagement.

8. Liner threads vary. Begin threading pin into the 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 adapter Loctite® Blue 242 should also be used.

10. 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 the housing. Contact Coyote for more information, or visit the video gallery at coyotedesign.com, see the video titled “CD103FD Flexible Inner Socket with and without Coyote Design Fabrication Dummy.”

11. If you have a pin you cannot install, even with a wrench, contact Coyote for a replacement.