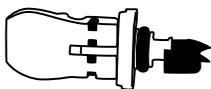


Parts Included



Housing with attached connector
(*Do not remove Four Hole Connector from lock)



Lock Plate



Extra spring (1)



Screws (4)



Socket Head Cap Screw (2)
(Already installed)

CD122SR Sealing Ring
(Replacement two pack)



Do not use lock as fabrication dummy. Repeated insertion will degrade the blue sealing ring.

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

Coyote

CD122E3D

3D Easy-Off Drop-In

Fabrication Instructions for 3D printed Sockets



Weight limit: 265 lbs.

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

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

External Prosthetic Components



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



CD122E3D.revA.10132022

8 11576 02402 0

Coyote

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



Basic 3D Printing Instructions

- 1 Prepare final digital medium for lock attachment with your standard modifications.
- 2 Place anchor dummy on distal end of socket in accordance with standard procedure for mounting anchor. This will help insure proper lock alignment and depth.
- 3 Create cavity for drop-in 49 mm inner height and 61.5 mm diameter. We recommend at least 5 mm socket thickness depending on your printer and materials used. (.stl file is available from Coyote, call 208-429-0026)
- 4 Print your socket as required. Printing instructions are helpful hints on how to work with the lock and connector. Actual printing thickness and materials are responsibility of the technician and/or practitioner.

Finish

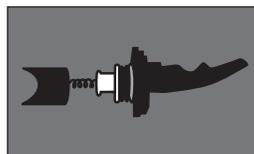
- 5 Wipe down O-ring on Drop-In lock with alcohol before inserting.



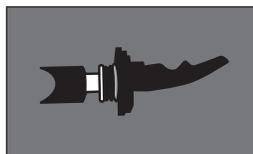
- 6 Press lock into place and attach pyramid with supplied 6mm x 18 mm screws.

- 7 Attaching pyramid to connector will draw lock into place.
- 8 Use 6x18mm screws provided (see Attention #2 and #4) and Loctite® Blue 242 when attaching pyramid. Torque provided connector screws to 10 Nm.

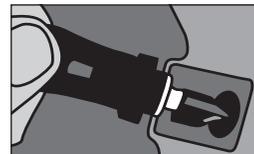
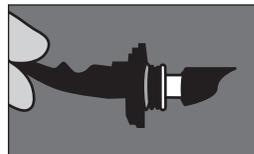
Installing Lever Assembly



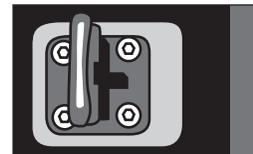
- 1 Make sure that lock is placed properly, as it may have dislodged during shipping. At right, a properly assembled lever.



- 2 Line up lever assembly in groove and insert assembly.



- 3 Line up long side of rectangle with anterior posterior aspect of the socket.



- 4 Install 4 screws. DO NOT over-torque.



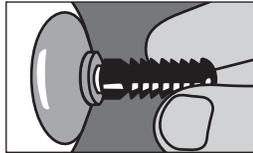
- 5 Lever is shown open (UNLOCKED). When lever is flush, lock is engaged (CLOSED).

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.



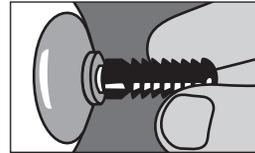
1 Install pin on liner. Engage lock to check for play between lock and liner.



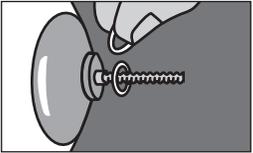
2 If there is play, loosen pin away from adaptor screw and liner.



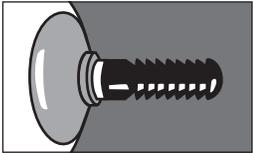
3 Reengage lock to check for play. Repeat until lock seats completely. Remove lock.



4 Gap is created between pin and liner.



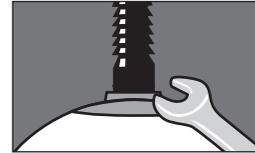
5 Based on the gap created by loosening pin, install appropriate number of pin spacers on adaptor (see Caution #2).



6 Replace pin on adaptor, 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, #5, #12)

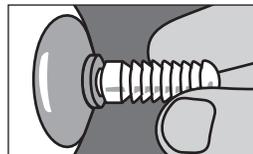
Solid Pin install and proper seating Instructions

See instruction video called "CD103P8H Installing Brass Pin" at www.coyote.us/airlock

Poor lock pin spacing leads to premature wear. There should be no play between the lock and liner when fully engaged.



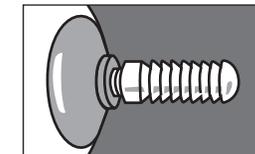
1 Install pin on liner. Engage lock to check for play between lock and liner.



2 If there is play, loosen pin away from adaptor screw and liner.

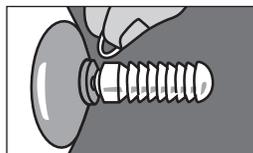


3 Reengage lock to check for play. Repeat until lock seats completely. Remove lock.

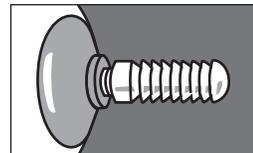


4 If a Gap is created between the pin and liner.

You may need to add spacers to the pin to ensure this. Check for proper amount of play before putting lock into socket.



5 Based on the size of the gap created by loosening pin, install appropriate number of pin spacers on threaded end (see Caution #5).



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



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



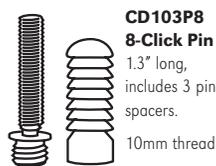
8 Apply Loctite® Blue 242 to threads of lock pin. Pin may need to be tightened with a 7/16" or 11 mm wrench. (See Caution #5)

EasyOff with P8 Pin

Liner	Size	Spacers used	No. of clicks
Alpha Original	M	1	5
Alpha Select	M	0	5
-Ossur	26.5	1	6
Alps	26	1	5

(Chart is a guideline, NOT a guarantee of seating. Verify seating.)

Additional Pins - (in 2 pack - sold separately from lock)



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.
- Lever assembly WITHOUT o-rings will be needed. This allows airflow while the patient is locked in, and can then be compared to a lever assembly WITH o-rings.
- Walk the patient normally.
- Amputee may experience a difference in how the socket feels immediately, after some ambulation, or after reinstalling the o-rings. Patient feedback should be documented.

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

* It is the practitioner's responsibility to demonstrate, document, and select appropriate codes for insurance billing.

Patient name: _____

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

ATTENTION

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.
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 262 on lock pin threads. If installing into a plastic distal adapter Loctite® Primer 242 should also be used.
10. Do not use the CD103P11 long pin with the Drop-In Easy-Off Lock or the Drop-In Air-Lock. With most liners this longer pin will bottom out in the lock.
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.