CD121P

Aluminum Lanyard Puck with Posts

Fabrication Instructions

Weight limit: 265 lbs.

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

Made in U.S.A.

External Prosthetic Components

CE MD 8 11576 02154 8

EC REP

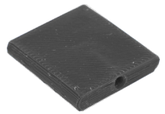
Advena Limited
Tower Business Centre
2nd Flr, Tower Street
Swatar, BKR 4013
Malta

CD121P.revA.07092020

Parts Included

Puck Housing with Posts

Removal Screw



Slot Tooling Piece

Foam Circles (4)

Lamination Plate

Four 6x18 Screws

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

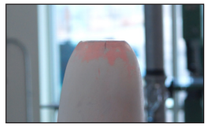
www.coyote.us/instructions-Lanyard-puck

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

Installing Lock on Mold

For definitive options with offset alignment call our lab. There are a couple options for this method.

P1 Place puck on mold. Trace puck.

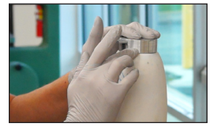


P2 Flatten mold to fit puck. Do not flatten beyond tracing of puck.

P3 Prep your mold with cellulose acetate if your mold is wet to help the Coyote Quick Adhesive or 5 minute epoxy bond better with the mold.

P4 Mark where you want the exit hole for your puck and how you want it positioned on the cast.

P5 Put a bead of glue around funnel edge of the puck.



P6 Set puck on the cast and wipe off excess glue, check alignment with exit marks on cast.

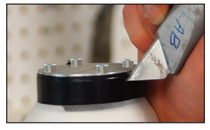
P7 Remove tooling piece.

P8 Pull vacuum nylon over puck and socket.

P9 Tape vacuum nylon with electrical tape around puck. Ensure tape is tight around puck.

P10 Reflect nylon over tape and socket. Two layers nylon total over socket.

P11 Tape off nylon around puck with electrical tape.



P12 **Cut and remove tape from puck lanyard slot.**

P13 Pull PVA bag over socket.

P14 Heat PVA bag lightly to make it tight around puck.

P15 Tape PVA bag around puck with electrical tape.

P16 Cut excess PVA at distal end of puck.

P17 Tape edge of PVA to seal to puck.

P18 **Cut and remove tape from puck lanyard slot.**

P19 Grease Tooling Piece for easier removal. We use Dow Corning Compound 4.

P20 Insert Tooling Piece into lanyard slot.

P21 Fill screw hole with clay on Tooling Piece.

Lay-up

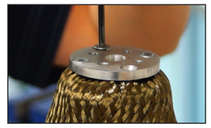
P22 Pull flex-stretch nylon or vacuum nylon over mold and puck.

P23 Tie off nylon and then reflect it over puck and mold.

P24 Expose the posts with a hot awl or ice pick.

P25 Use preferred method of layup.

P26 Expose posts through layup.



P27 Install m6x22 screws and lamination plate. (Screws provided)

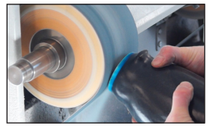
P28 Put putty or clay in screw holes.

P29 Pull PVA bag over Puck and Mold. Use vacuum if preferred before you pull PVA.

P30 Heat PVA bag to tighten around puck.

P31 Draw vacuum and pour resin. Give resin time to saturate into lamination plate holes.

P32 Proceed with lamination as usual.



P33 Grind lamination plate.

P34 Remove screws from lamination plate.

P35 Tap off lamination plate with screw driver and hammer.

P36 Expose Tooling piece

P37 Remove tooling piece with removal screw and vice or vice grips. Heat helps removal.

P38 Using an awl or partly threaded screws tap the Lanyard Dummy out of socket.

P39 Place lanyard lock in socket.

P40 Attach adapter by threading screws into lanyard lock.

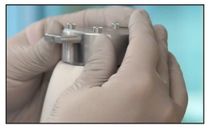
P41 Attach strap to liner and feed strap through lanyard slot.

P42 Use lanyard strap to attach chafe in proper location.

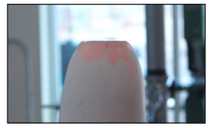
P43 Add desired rivet to hold chafe.

P44 Cut strap to desired length.

Drape Molding Copoly Check Socket



T1 Place Dummy Puck on mold.
Trace Dummy Puck.

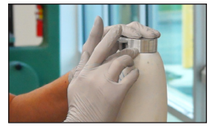


T2 Flatten mold to fit puck. Do not flatten beyond tracing of puck.

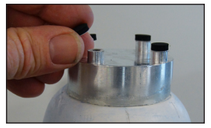
T3 Prep your mold with cellulose acetate if your mold is wet to help the Coyote Quik Glue or 5 minute epoxy bond better with the mold.

T4 Mark where you want the exit hole for your puck and how you want it positioned on the cast.

T5 Put a bead of glue around funnel edge of the puck.



T6 Set puck on the cast and wipe off excess glue, check alignment with exit marks on cast.



T7 Place small foam circles on all four ends of connector.

T8 Pull vacuum nylon over the socket and lock twist it and reflect it.

T9 Expose the posts with a hot awl or ice pick.

T10 Drape mold using Copoly.

T11 For extra strength, fold excess seam on distal end of connector.

T12 Seam your plastic to help reinforce it and make it stronger.

T13 Remove socket in traditional fashion or with socket extractor.

T14 Cut out cast and remove slot tooling piece.

T15 Grind distal end of socket flat. Take care not to sand metal posts.

T16 Foam can be left in place to act as a guide for flattening.

T17 Run grabber screw into slot tooling piece. Grab it with vice grips and pull to remove it.

T18 If you are using a CD121PD Lanyard Aluminum Dummy with posts refer to **#P38** on front page to remove dummy and insert puck.

T19 Smooth and buff finishing all edges.

T20 Run strap inside socket to find good location for the chafe. Mark your location.

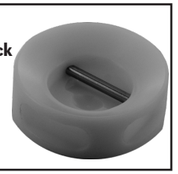
T21 Drill rivet hole. Speedy rivets are usually fine with check sockets, copper rivets are recommended for extended wear sockets.

T22 Copoly makes a very durable socket that can have long term extended use.
If the alignment is correct Copoly sockets are typically tough enough they can be used for shower legs and possibly a water leg.

Need more help?
Fabrication videos can also be viewed at www.coyotedesign.com/video

Parts Sold Separately

CD120 |
Lanyard Plastic Puck



CD121 |
Metal Lanyard Puck
(no posts)

CD121P |
Metal Lanyard Puck with posts

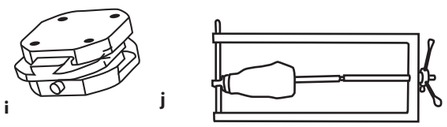
CD121D |
Lanyard Aluminum Dummy with Posts

CD120L | Lanyard & low profile screw

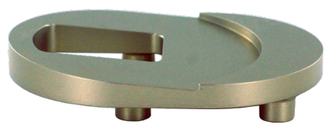
p CD120L | Lanyard Strap
q CD102LC | Lanyard Chafe
r FHS 6x14 | Lanyard Strap Screw
s 120LS | Lanyard Adapter Screw
t 120LW | Lanyard Washer

Related Parts

i Alignment Coupler CD106
j Extractor, Socket Removal Tool CD301



CD115CD5 |
5 Degree AK Connector



Detach here - keep everything below with patient records

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

⚠ CAUTION (page 2)

1. Typically the slot for the strap is oriented anterior.
2. Typical Coyote® components use the 6x18mm screws. In typical setups, longer screws may be needed. Always use screws class 10.9 or better.
3. Always use screws provided during lamination to ensure proper depth is created for attachment.
4. 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.
5. Liner threads vary. Begin threading lanyard adapter screw into liner by hand whenever possible. A screw driver will be needed in cases of tight threads.
6. 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.
7. If you have lanyard adapter screw or lanyard strap screw you cannot install, even with a screw driver or allen wrench, contact Coyote for a replacement.