



# CD121D

## Aluminum Lanyard Puck

### Dummy 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



EC REP

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



CD121D.revA.08242020

### Installing Lock on Mold

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



**P1** Place puck dummy on mold. Trace puck.



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

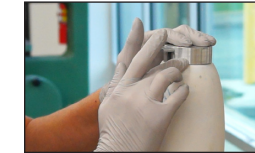
**P3** Prep your mold with cellulose acetate if your mold is wet to help the Coyote Quick Adhesive or 5 minute epoxy bond better with the mold.



**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 dummy.



**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 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.



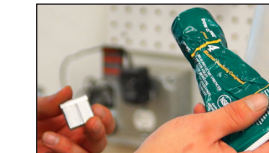
**P16** Cut excess PVA at distal end of puck.



**P17** Tape edge of PVA to seal to puck.



**P18** Cut and remove tape from 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.

### Parts Included



### 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.



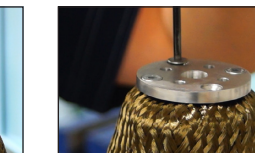
**P24** Expose the posts with a hot awl or ice pick.



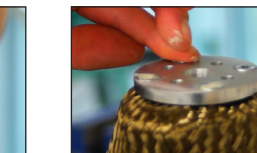
**P25** Use preferred method of layup.



**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.



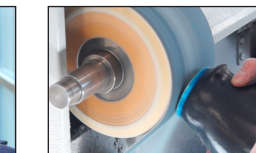
**P30** Heat PVA bag to tighten around puck.



**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.



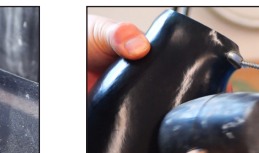
**P34** Remove screws from lamination plate.



**P35** Tap off lamination plate with screw driver and hammer.



**P36** Expose Tooling piece



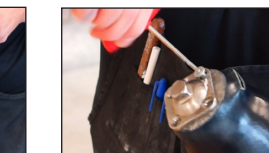
**P37** Remove tooling piece with removal screw and vice or vice grips. Heat helps removal.



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



**P39** Place lanyard lock in socket.



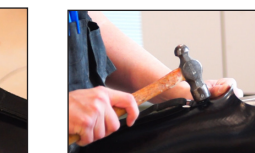
**P40** Attach adapter by threading screws into lanyard lock.



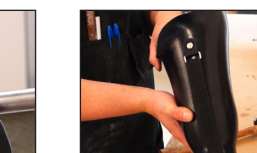
**P41** Attach strap to liner and feed strap through lanyard slot.



**P42** Use lanyard strap to attach chafe in proper location.



**P43** Add desired rivet to hold chafe.



**P44** Cut strap to desired length.

EN | Instructions for Use  
DE | Gebrauchsanweisung  
FR | Notice d'utilisation  
ES | Instrucciones para el uso  
IT | Istruzioni per l'uso  
NO | Bruksanvisning  
DA | Bruksanvisning  
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



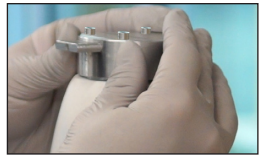
[www.coyote.us/instructions-Lanyard-puck](http://www.coyote.us/instructions-Lanyard-puck)



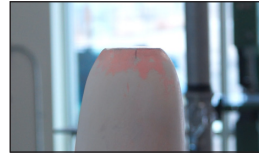
Manufactured by Coyote®  
419 N. Curtis Rd., Boise, Idaho 83706  
(208) 429-0026 | [www.coyote.us](http://www.coyote.us)



## Draper Molding Copoly Check Socket



**T1** Place Dummy Puck on mold. Trace Dummy Puck.

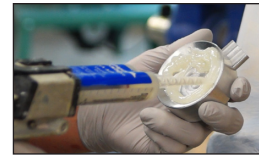


**T2** Flatten mold to fit puck. Do not flatten beyond tracing of puck.

**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.



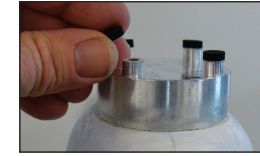
**T4** Mark where you want the exit hole for your puck and how you want it positioned on the cast.



**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.



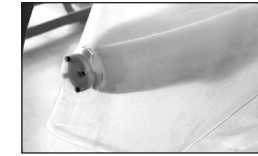
**T7** Place small foam circles on all four ends of connector.



**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.

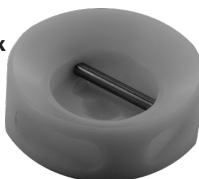
**T22** Copoly makes a very durable socket that can have long term extended use. If the alignment is correct Copoly sockets are typically tough enough they can be used for shower legs and possibly a water leg.

### Need more help?

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

## Parts Sold Separately

**CD120 | Lanyard Plastic Puck**



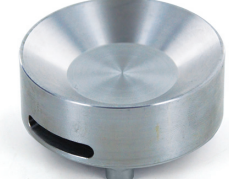
**CD121 | Metal Lanyard Puck (no posts)**



**CD121P | Metal Lanyard Puck with posts**



**CD121D | Lanyard Aluminum Dummy with Posts**



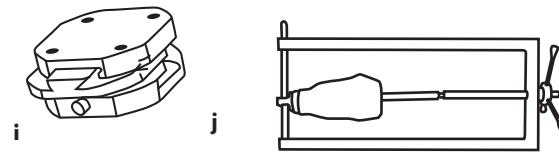
**CD120L | Lanyard & low profile screw**

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

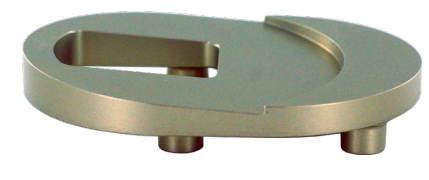


### Related Parts

- 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.