



CD121

Aluminum Lanyard Puck

Fabrication Instructions



Weight limit: 265 lbs.

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

External Prosthetic Components



EC REP

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



CD121.revA.01292024

Installing Lock on Mold

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

- Place puck on mold. Trace puck.
- Flatten mold to fit puck. Do not flatten beyond tracing of puck.
- 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.
- Mark where you want the exit hole for your puck and how you want it positioned on the cast.
- Put a bead of glue around funnel edge of the puck.
- Set puck on the cast and wipe off excess glue, check alignment with exit marks on cast.
- Remove tooling piece.
- Pull vacuum nylon over puck and socket.
- Tape vacuum nylon with electrical tape around puck. Ensure tape is tight around puck.
- Reflect nylon over tape and socket. Two layers nylon total over socket.
- Tape off nylon around puck with electrical tape.
- Cut and remove tape from puck lanyard slot.
- Pull PVA bag over socket.
- Heat PVA bag lightly to make it tight around puck.
- Tape PVA bag around puck with electrical tape.
- Cut excess PVA at distal end of puck.
- Tape edge of PVA to seal to puck.
- Cut and remove tape from puck lanyard slot.
- Grease Tooling Piece for easier removal. We use Dow Corning Compound 4.
- Insert Tooling Piece into lanyard slot.
- Fill screw hole with clay on Tooling Piece.
- Optional - Insert four 6mm set screws into puck's threaded holes. (Set Screws provided) Don't use 6mm set screws if you are using the puck with posts. Fill screw hole with clay on tooling piece.

Parts Included



Lay-up

- Pull flex-stretch nylon or vacuum nylon over mold and puck.
- Tie off nylon and then reflect it over puck and mold.
- Expose set screws with a hot awl or ice pick.
- Use preferred method of layup.
- Expose dummy screws or posts through layup.
- Remove set screws and install m6x22 screws and lamination plate. (Screws provided)
- Put putty or clay in screw holes.
- Pull PVA bag over Puck and Mold. Use vacuum if preferred before you pull PVA.
- Heat PVA bag to tighten around puck.
- Draw vacuum and pour resin. Give resin time to saturate into lamination plate holes.
- Proceed with lamination as usual.
- Grind lamination plate.
- Remove screws from lamination plate.
- Tap off lamination plate with screwdriver and hammer.
- Expose Tooling piece
- Remove tooling piece with removal screw and vice or vice grips. Heat helps removal.
- Using an awl or partly threaded screws tap the Lanyard Dummy out of socket.
- Place lanyard lock in socket.
- Attach adapter by threading screws into lanyard lock. Use 6x18mm screws provided (see Caution #2 and #4) and Loctite® Blue 242 when attaching pyramid. Torque provided connector screws to 10 Nm.
- Attach strap to liner and feed strap through lanyard slot.
- Use lanyard strap to attach chafe in proper location.
- Add desired rivet to hold chafe.
- Cut strap to desired length.

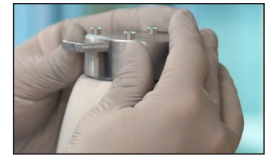
- EN | Instructions for Use
- DE | Gebrauchsanweisung
- FR | Notice d'utilisation
- ES | Instrucciones para el uso
- IT | Istruzioni per l'uso
- NO | Bruksanvisning
- DA | Brugsanvisning
- SV | Bruksanvisning
- EL | Οδηγίες Χρήσης
- FI | Käyttöohjeet
- NL | Gebruiksaanwijzing
- PT | Instruções de Utilização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



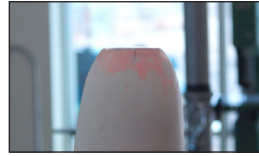
www.coyote.us/instructions-Lanyard-puck



Drape Molding Copoly Check Socket



T1 Place Dummy Puck on mold.
Trace Dummy Puck.

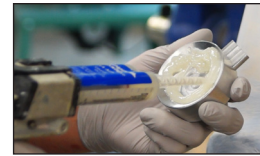


T2 Flatten mold to fit puck.
Do not flatten beyond tracing of puck.

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.



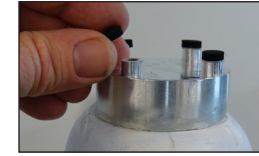
T4 Mark where you want the exit hole for your puck and how you want it positioned on the cast.



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.



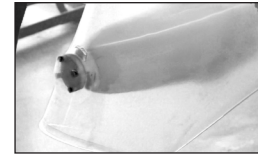
T7 Place small foam circles on all four ends of connector.



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.

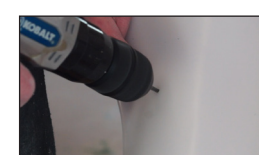
T18 If you are using a CD121PD Lanyard Aluminum Dummy with posts refer to #P38 on front page to remove dummy and insert puck.



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.coyote.us/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

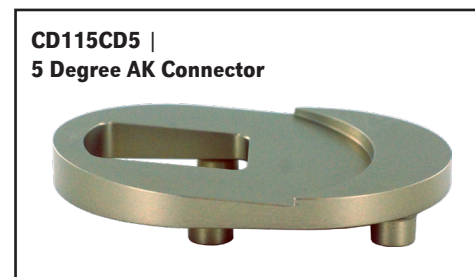
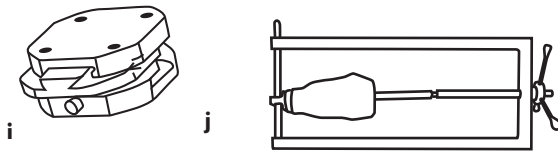


CD120L | Lanyard & low profile screw

- 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



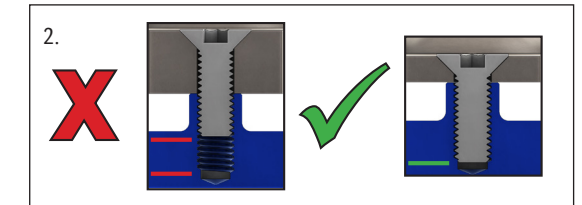
CD115CD5 | 5 Degree AK Connector

Detach here - keep everything below with patient records ✂

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

⚠ ATTENTION

1. Typically, the slot for the strap is oriented anterior.
2. Typical Coyote® components use the 6x18mm screws. 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. Torque connector screws to 10 Nm.



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 screwdriver will be needed in cases of tight threads.
6. Regardless of threading, always use Loctite® Blue 242 on threads. Follow liner manufacture instructions as they can vary.
7. If you have lanyard adapter screw or lanyard strap screw you cannot install, even with a screwdriver or allen wrench, contact Coyote for a replacement.