

**Coyote
Design**

CD121D

Lanyard Aluminum Dummy

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 Ltd
Pure Offices Plato Close
Tachbrook Park
Warwick, CV34 6WE, UK



CD121D.revA.03092017

Installing Lock on Mold

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

- 1 Place puck on mold. Trace puck.
- 2 Flatten mold to fit puck. Do not flatten beyond tracing of puck.
- 3 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.
- 4 Mark where you want the exit hole for your puck and how you want it positioned on the cast.
- 5 Put a bead of glue around funnel edge of the puck.
- 6 Set puck on the cast and wipe off excess glue, check alignment with exit marks on cast.
- 7 Remove tooling piece.
- 8 Pull vacuum nylon over puck and socket.
- 9 Tape vacuum nylon with electrical tape around puck. Ensure tape is tight around puck.
- 10 Reflect nylon over tape and socket. Two layers nylon total over socket.
- 11 Tape off nylon around puck with electrical tape.
- 12 Cut and remove tape from puck lanyard slot.
- 13 Pull PVA bag over socket.
- 14 Heat PVA bag lightly to make it tight around puck.
- 15 Tape PVA bag around puck with electrical tape.
- 16 Cut excess PVA at distal end of puck.
- 17 Tape edge of PVA to seal to puck.
- 18 Cut and remove tape from puck lanyard slot.
- 19 Grease Tooling Piece for easier removal. We use Dow Corning Compound 4.
- 20 Insert Tooling Piece into lanyard slot.
- 21 Fill screw hole with clay on Tooling Piece.
- 22 Optional - Insert four 6mm set screws into puck's threaded holes. (Set Screws provided)

Lay-up

- 23 Pull flex-stretch nylon or vacuum nylon over mold and puck.
- 24 Tie off nylon and then reflect it over puck and mold.
- 25 Expose set screws with a hot awl or ice pick.
- 26 Use preferred method of layup.
- 27 Expose dummy screws through layup.
- 28 Remove set screws and install m6x22 screws and lamination plate. (Screws provided)
- 29 Put putty or clay in screw holes.
- 30 Pull PVA bag over Puck and Mold. Use vacuum if preferred before you pull PVA.
- 31 Heat PVA bag to tighten around puck.
- 32 Draw vacuum and pour resin. Give resin time to saturate into lamination plate holes.
- 33 Proceed with lamination as usual.
- 34 Grind lamination plate.
- 35 Remove screws from lamination plate.
- 36 Tap off lamination plate with screw driver and hammer.
- 37 Expose Tooling piece
- 38 Remove tooling piece with removal screw and vice or vice grips. Heat helps removal.
- 39 Using an awl or partly threaded screws tap the Lanyard Dummy out of socket.
- 40 After Lanyard Dummy is removed drill out screw holes with 15/64th drill bit. This removes screw threading in the lamination.
- 41 After holes are drilled out place lanyard lock in socket.
- 42 Attach adapter by threading screws into lanyard lock.
- 43 Attach strap to liner and feed strap through lanyard slot.
- 44 Use lanyard strap to attach chafe in proper location.
- 45 Add desired rivet to hold chafe.
- 46 Cut strap to desired length.

Manufactured by

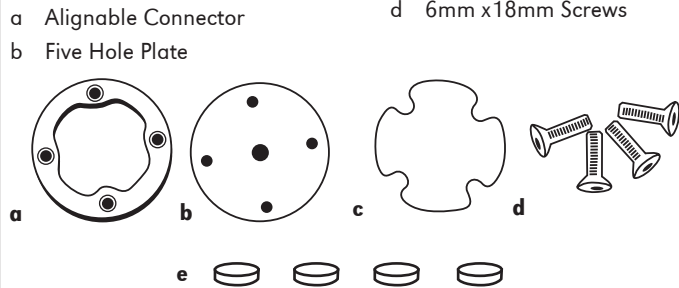


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(208) 429-0026 | www.coyotedesign.com

Parts Sold Separately

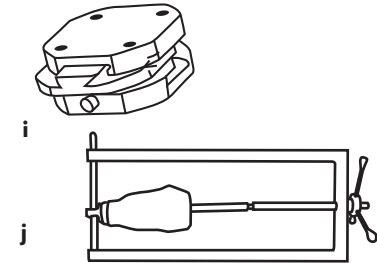
CD103AF | Alignable Connector

Parts



Related Parts

- i Alignment Coupler CD106
- j Extractor, Socket Removal Tool CD301



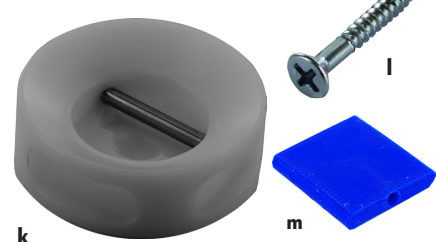
Need more help?

Fabrication videos can also be viewed at www.coyotedesign.com/video

Other Lanyard Parts Available

- k CD121 | Lanyard Plastic Puck
- l Removal Screw
- m CD121TP | Lanyard Plastic Tooling Piece
- n CD120L | Lanyard Strap
- o CD102LC | Lanyard Chafe
- p FHS 6x14 | Lanyard Strap Screw
- q 120LS | Lanyard Adapter Screw
- r 120LW | Lanyard Washer
- s CD120TP | Metal Puck Housing
- t CD120LP | Lamination Plate
- u Removal Screw
- v Four 6x22 Screws
- w 121TP | Tooling Piece
- x Four 6mm Set Screws

CD120 | Lanyard Plastic Puck



CD120L | Lanyard & low profile screw



CD121 | Lanyard & low profile screw



Detach here - keep everything below with patient records ✂ - - - -

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

CAUTION (page 2)

- Typically the slot for the strap is oriented anterior.
- Typical Coyote® components use the 6x18mm screws. In typical setups, longer screws may be needed. Always use screws class 10.9 or better.
- Always use screws provided during lamination to ensure proper depth is created for attachment.
- 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.
- 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.
- 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.
- 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.