



CD120

Plastic Lanyard Puck

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



CD120.revA.11142016

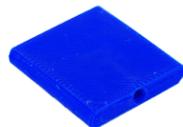
Parts Included



Puck Housing



Removal Screw



Tooling Piece

Manufactured by



419 N. Curtis Rd., Boise, Idaho 83706
(208) 429-0026 | www.coyotedesign.com

Installing Lock on Mold



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.



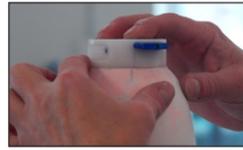
5 Pull vacuum nylon over the mold.



6 Abrade and ruff up the distal end of the puck with 24 grit sand paper and a utility knife to help the adhesive adhere to the plastic.



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



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

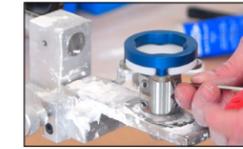
Transferring Connector Alignment



9 Lube and install glue plate on Alignable Connector.



10 Attach a pyramid to Coyote Alignable Connector.



11 Install pyramid on adapter.



12 Rest mold and puck and figure out your alignment including built in offset, varus, valgus, extension, and flexion.



13 Separate mold from connector. Over fill connector with Coyote Quick Adhesive or fast-setting 5 minute epoxy.



14 Place mold and puck back onto connector in desired location. Let glue set.



15 Run a little bonding bridge with your glue in the offset of the puck and connector. Don't fill the bridge completely.



16 Loosen up your screws from your pyramid before removing from the stats adapter.



17 Remove mold from jig and take the rest of the screws from the pyramid.



18 Slide utility knife between glue plate and connector to break glue bond loose.



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

Drape Molding Copoly Check Socket



20 Drape mold using Copoly.



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



22 Seam your plastic in the offset channel to help reinforce it and make it stronger.

23 Or fill the off set channel in with a chunk of plastic while it is still hot. This will help keep the plastic from doughing out or stress breaking.



24 Remove socket in traditional fashion or with socket extractor.



25 Cut out cast and remove tooling piece.



26 Grind distal end of socket flate. Take care not to sand metal posts.



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



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



29 Smooth and buff finishing all edges.



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



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

32 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.

CAUTION (page 1)

1. Typically the slot for the strap is oriented anterior.
2. Typical Coyote® components use 6x18mm screws. In atypical 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.

Need assistance?

Call us, we would love to help.
(208) 429-0026

Vivac Blister Form Test Socket



1 Place puck on mold. Trace puck. Mark mold where exit hole should be.



2 Flatten mold to fit puck. Do not flatten beyond tracing of puck. Prep wet cast with cellulose acetate.

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 Use a vacuum nylon or leave it raw depending on your preference with Vivak.



5 Put a bead of glue on the funnel edge of the puck.



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



7 Pull your Vivac over the mold in a blister form. Make sure you get good draw over the distal end.



8 Use a vacuum nylon to help coax the Vivac tight against lock.



9 Cut out, remove glue in bottom of socket and sand in usual manner. Expose face of tooling piece for removal.



10 Ruff up bottom of socket for gluing on Test Socket Connector. Score the plastic don't thin.



11 Run removal screw into tooling piece hole and pull to remove with vice grips or vice.



12 Ruff up Test Socket Connector with troutman, 24 grit sand paper and utility knife so it bonds better to socket.



13 Do your bench alignment. Can get some outset, varus, valgus, extension, flexion. Don't do too much offset since it is only a chemical bond.



14 Use Coyote Quick Adhesive or a 5 minute epoxy to glue Test Socket Connector and Vivac socket together.



15 Once glue has set, run a bridge of glue between the connector and Vivac running up the edge and hooking it in the gaps.



16 We recommend wrapping the connector and lower socket in fiberglass casting tape for extra strength.



17 Use Troutman and smooth up exit hole and proximal brim.



18 Measure and add chafe to socket.

Detach here  -----

Keep with your patient records or tracking purpose, Write serial number from funnel of lock: _____

CAUTION (page 2)

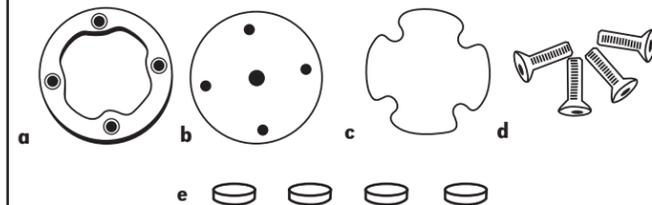
- Typically the slot for the strap is oriented anterior.
- Typical Coyote® components use the 6x18mm screws. In typical setups, longer screws may be needed. Always use screws class 10.9 or better.
- Always use screws provided during lamination to ensure proper depth is created for attachment.
- Lay-up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

Parts Sold Separately

CD103AF | Alignable Connector

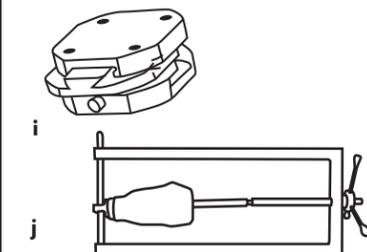
Parts

- a Alignable Connector
- b Five Hole Plate
- c Glue Plate
- d 6mm x18mm Screws



Related Parts

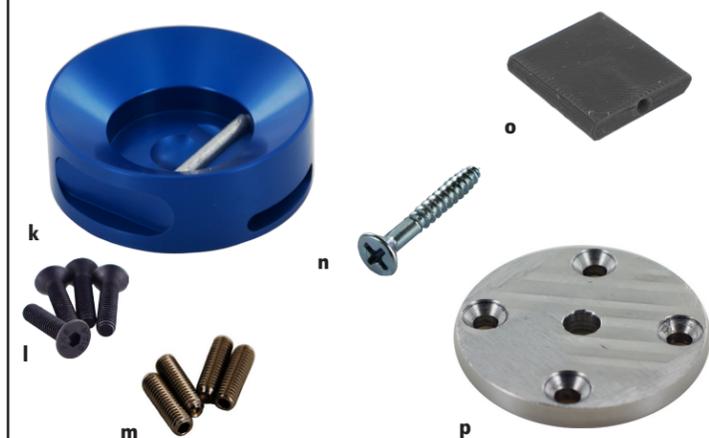
- i Alignment Coupler CD106
- j Extractor, Socket Removal Tool CD301



Other Lanyard Parts Available

- k CD121 | Lanyard Metal Puck
- l Four 6x22 Screws
- m Four 6mm Set Screws
- n Removal Screw
- o CD121TP | Lanyard Metal Tooling Piece
- p CD121LP | Lanyard Lamination Plate
- q CD120L | Lanyard Strap
- r CD102LC | Lanyard Chafe
- s FHS 6x14 | Lanyard Strap Screw
- t 120LS | Lanyard Adapter Screw
- u 120LW | Lanyard Washer

CD121 | Lanyard Metal Puck



CD120L | Lanyard & low profile screw



Need more help?

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