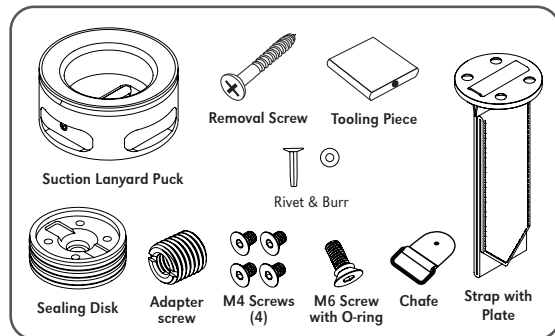




C12S

Suction Lanyard Puck

Fabrication Instructions



Weight limit: 265 lbs.

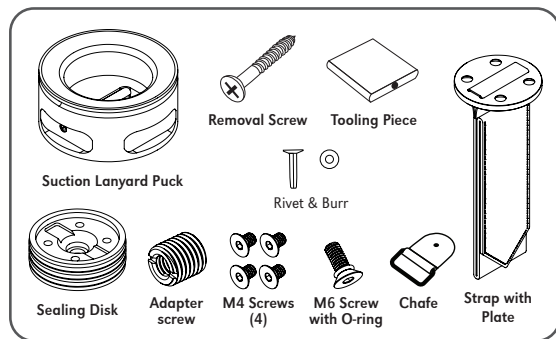
2-year warranty against manufacturer defects, excessive wear or breakage.

External Prosthetic Components



C12S.revA.01152024

Parts Included



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



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.



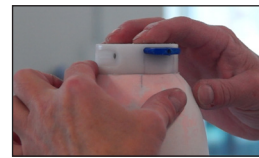
5 Pull vacuum nylon over the mold.



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.

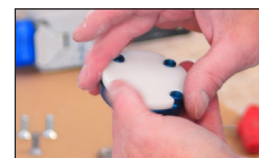


7 Put a bead of glue around funnel edge of the puck.

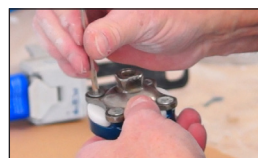


8 Set puck on the cast and wipe off excess glue, check alignment with exit marks on cast.

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 set to your alignment, including offsets.



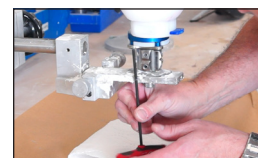
13 Separate mold from connector. Over fill connector with Coyote Quick Adhesive or fast-setting 5 minute epoxy.



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.

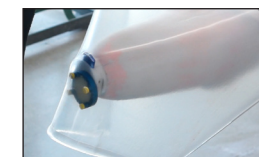


18 Slide utility knife between glue plate and connector to break glue bond loose.



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.



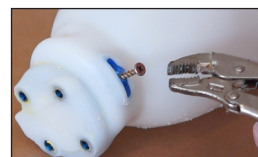
25 Cut out cast and remove tooling piece.



26 Grind distal end of socket flat. 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.

Need assistance?

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

Lay-up



23 Pull flex-stretch nylon or vacuum nylon over mold, puck and connector.



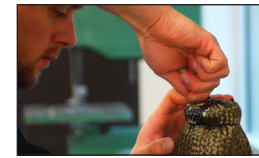
24 Tie off nylon and then reflect it over connector, puck and mold.



25 Ensure the four post holes of the connector are exposed. A hot nail or awl can be used.



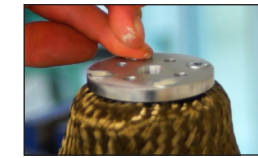
26 Use preferred method of layup. Reinforce with carbon tape between posts.



27 Pull first composite layer over mold. Cut top edges to fold around posts.



28 Lubricate screws and install five hole plate. Tie second layer of composite under five hole plate and reflect down over mold (See Caution #C4)



29 Put putty or clay in screw holes.



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



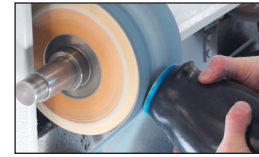
31 Heat PVA bag to tighten around puck.



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 screwdriver and hammer.

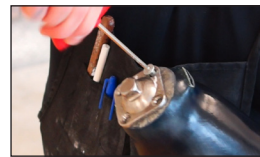


37 Expose Tooling piece



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

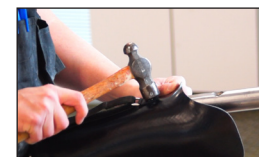
39 Attach adapter by threading screws into connector. Use 6x18mm screws provided (see Caution #2 and #4) and Loctite® Blue 242 when attaching pyramid. Torque provided connector screws to 10 Nm.



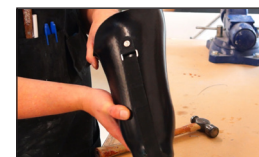
40 Attach strap to liner and feed strap through lanyard slot.



41 Use lanyard strap to attach chafe in proper location.

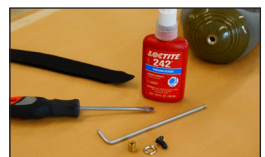


42 Add desired rivet to hold chafe.



43 Cut strap to desired length.

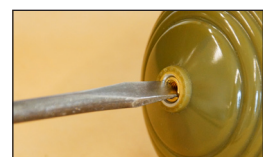
Attaching Lanyard Strap



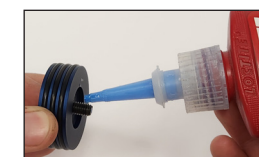
1 Attaching strap to liner.



2 Use Loctite Blue 242 on all threads.



3 Screw adaptor screw in until it is flush with the liner.



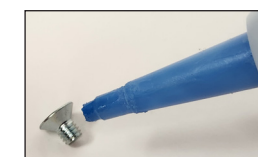
4 Put M6 screw with O-ring through Sealing Disk. Use Blue Loctite® 242.



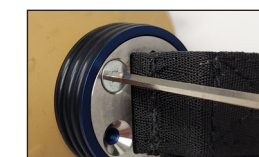
5 Torque M6 Screw to liner manufacturer specifications.



6 Line up screw holes and slot for lanyard.



7 Use Blue Loctite® 242 on all M4 Screws (4).



8 Screw all M4 Screws snug with Blue Loctite® 242.

Vivac Blister Form Test Socket

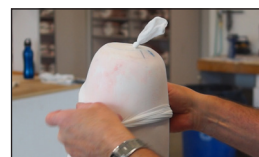


1 Place puck on mold. Trace puck. Mark mold where exit hole should be.



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.



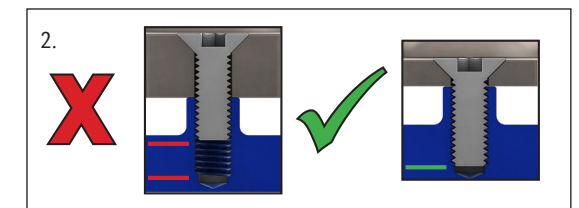
18 Measure and add chafe to socket.

Detach here - keep everything below with patient records ✂

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

ATTENTION

- Typically, the slot for the strap is oriented anterior.
- 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.



- 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 screwdriver will be needed in cases of tight threads.
- Regardless of threading, always use Loctite® Blue 242 on threads. Follow liner manufacture instructions as they can vary.
- 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.

Need more help?

Fabrication videos can also be viewed at www.coyote.us/video