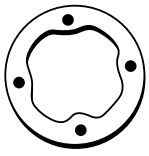
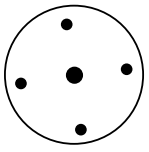
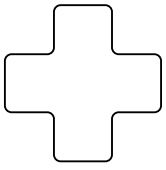
Parts Included



Alignable Connector



Five Hole Plate



Glue Plate

6mm x 18mm Screws

CD111

One-Shot Connector

Fabrication Instructions

Weight limit: 265 lbs.

Made in U.S.A.

External Prosthetic Components

7450 W. Lemhi, Boise, Idaho 83709
(800) 819-5980 or (208) 429-0026
www.coyotedesign.com

CE

CD111.revA.060414

8 11576 02048 0

EC REP

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

Parts Sold Separately

Inserts

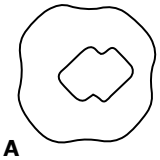
A Multi-Direction Insert CD103MDI

B Single Direction Insert CD103SDI

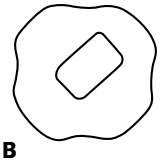
Related Parts

C Alignment Coupler CD106

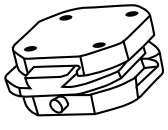
D Extractor, Socket Removal Tool CD301



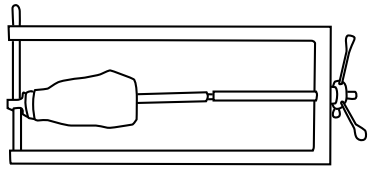
A



B



C



D

Drape Molding Check Socket

Use Coyote Designs CD103AF Alignable Connector for thermoforming a check socket. The CD111 design works better with a laminated lay-up process.

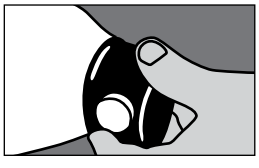
CD103AF

CD111

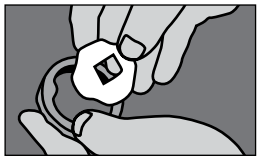
CAUTION

1. Do not position lock with release button pointing posterior or anterior. Typically release button is oriented medially.
2. 18mm screws provided extend the entire length of connector with typical components. In non-typical set-ups, longer screws may be needed to extend the entire depth of connector. Always use screw class 12.9 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. Contact Coyote for more information, or visit the video gallery at coyotedesign.com.

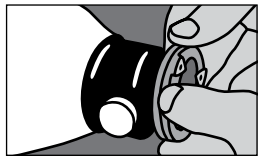
Installing Lock on Mold



1 Place lock on mold. Mark desired location of release button. (See Caution #1)



2 Install insert of choice in One-Shot Connector.

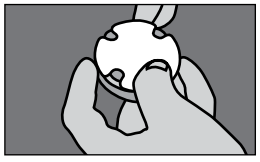


3 Place adhesive foam on connector posts. Place connector offset or centered.

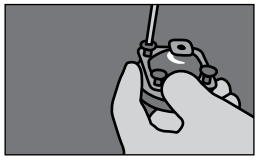
Continued on back

Transferring Alignment

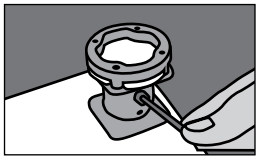
When transferring, it is recommended to use a new lock or lock housing in the definitive socket. The lock in the test socket can be removed when time permits and reused in another test socket. This will also allow you to duplicate the alignment established in the test socket in the definitive.



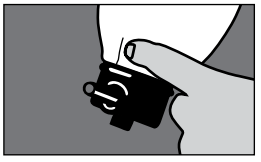
4 Lube and install glue plate on alignable connector.



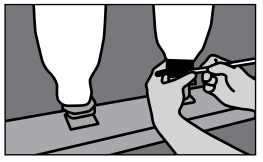
5 Attach a pyramid to alignable connector.



6 Install pyramid on adaptor.

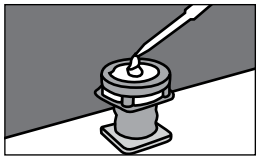


7 Install lock on mold in desired location, mark release button location. (See Caution #1)

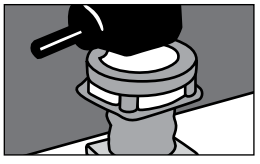


8 Rest mold and lock on alignable connector. Place test socket next to mold and compare alignments.

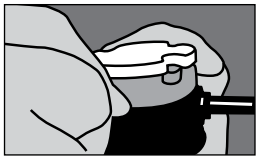
9 Take measurements for more accurate comparisons.



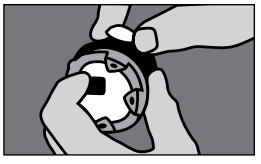
10 Separate lock from connector. Fill connector full of Coyote Quick Adhesive or fast-setting epoxy.



11 Place mold and lock back into connector in desired location. Let set.



12 Remove pyramid from tube clamp then remove pyramid and glue plate.

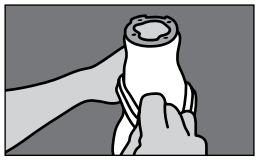


13 Remove all lock parts before laminating. Install fabrication plug and put wax or clean clay in fabrication plug hole.

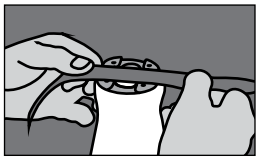
14 Attach lock and connector to mold. See lock instructions for more information.

Lay-Up

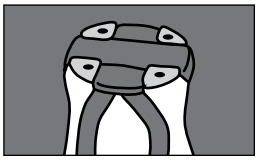
15 Tie nylon off to One-Shot Connector.



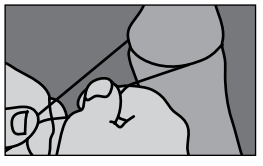
16 Reflect nylon stockinet or stretch nylon reinforcement over lock and socket.



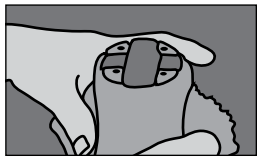
17 Lay reinforcement strips over One-Shot Connector.



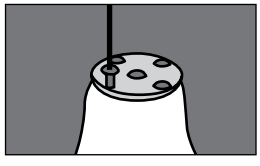
18 Avoid extra material around fabrication plug for easier removal.



19 Cut a double length of Coyote Composite. Pull a full lenth of Coyote Composite and tie it off.

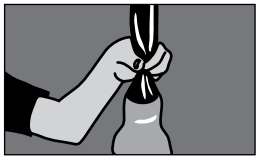


20 Relfect the other lenth of composite, making two complete layers.

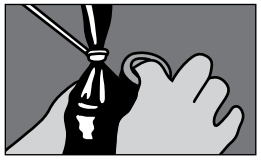


21 Lubricate screws and install five-hole plate. (See Caution #4)

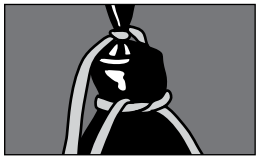
Tech Tip:
Pull a sheer vacuum nylon before you pull a PVA bag.



22 Pull bag and laminate as usual. Initially restrict flow to force lamination through the center hole on plate, forcing out air pockets.



23 Toward end of lamination, tape can be placed over five hole plate to squeeze excess resin out of lamination.



24 String can also be tied between fabrication plug and top of lock to ensure seal (see Caution #4).

Finish

25 Expose edge and remove excess lamination.

26 Remove five hole plate.

27 Expose fabrication plug and remove.

28 Smooth rough edges of distal end. Hole for valve body can be smoothed for easier install.

29 Use 18mm screws provided (see Caution #2 and #3) and Loctite® Blue 242 when attaching pyramid. Screws must thread completely through connector. Torque provided connector screws to 15 N/m.