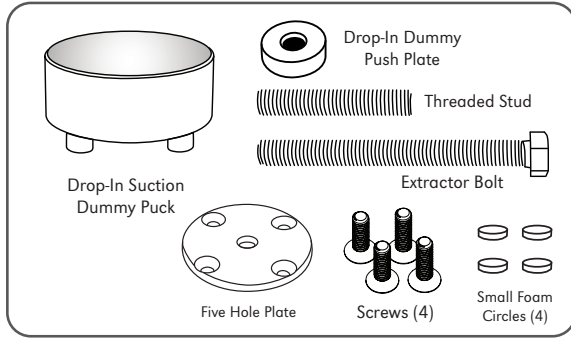
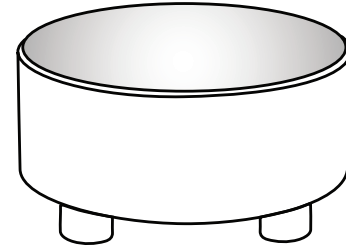


## Parts Included



# CD120SPD

## Suction Puck Drop-In Dummy Fabrication Instructions



Weight limit: 350 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

- |                                |                                  |
|--------------------------------|----------------------------------|
| EN   Instructions for Use      | CS   Návod k použití             |
| DE   Gebrauchsanweisung        | TR   Kullanım Talimatları        |
| FR   Notice d'utilisation      | RU   Инструкция по использованию |
| ES   Instrucciones para el uso | JA   取扱説明書                       |
| IT   Istruzioni per l'uso      | ZH   中文说明书                       |
| NO   Bruksanvisning            | KO   사용 설명서                      |
| DA   Brugsanvisning            |                                  |
| SV   Bruksanvisning            |                                  |
| EL   Οδηγίες Χρήσης            |                                  |
| FI   Käyttöohjeet              |                                  |
| NL   Gebruiksaanwijzing        |                                  |
| PT   Instruções de Utilização  |                                  |
| PL   Instrukcja użytkowania    |                                  |



[www.coyote.us/instructions-dropin](http://www.coyote.us/instructions-dropin)



Manufactured by Coyote®  
419 N. Curtis Rd., Boise, Idaho 83706  
(208) 429-0026 | [www.coyote.us](http://www.coyote.us)



CD120SPD.revA.04152024

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## Installing Dummy on Mold



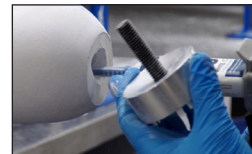
**1** Place lock dummy on mold. Trace dummy. Do not use dummy as fabrication dummy.



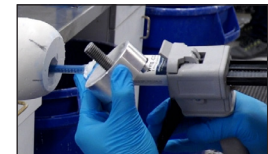
**2** Flatten mold to fit to dummy. Do not flatten beyond the traced lines



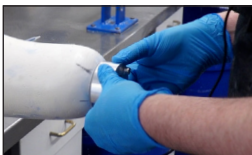
**3** Drill 1/2" or 13mm diameter hole. Angle hole to help anchor adhesive.



**4** Thread stud into dummy.



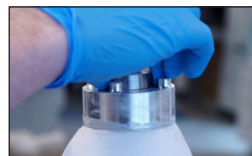
**5** Fill hole in cast with Coyote Quik Glue, fast-setting epoxy, or a wet plaster mix.



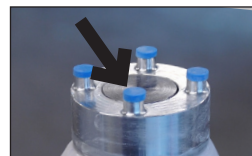
**6** Place Fabrication threaded stud in hole and dummy in desired position until glue sets.

If laminating, skip to step 20

## Drape Molding Check Socket

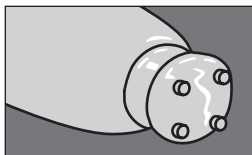


**7** Insert the Drop-In Dummy Push Plate



**9** During blister forming or drape molding, it is recommended to use a vacuum nylon on applicable plastics for improve wicking.

**10** Drape mold and blister molding instructional videos are available at [www.coyote.us](http://www.coyote.us)



**11** When blister molding for extra strength, fold excess seam on distal end of connector.



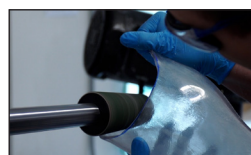
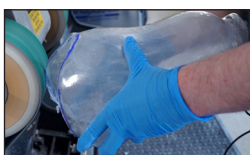
**12** Cut out trim lines. Expose and remove small adhesive foam and fabrication plug. Grind distal end of socket flat. Take care not to sand metal posts. Foam can be left in place to act as a guide for flattening.



**13** Remove socket in traditional fashion or with socket extractor.



**14** Shape and finish your edges.



**Need more help?**

Fabrication videos can also be viewed at [www.coyote.us/instructions](http://www.coyote.us/instructions)



**15** Use the Threaded Bolt and 3/4" or 19mm socket wrench to push the dummy out.



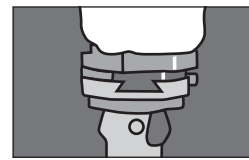
**16** Spray rubbing alcohol on the Suction Puck before inserting.



**17** Insert Suction Puck into socket.



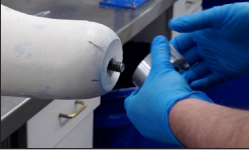
**18** Attach pyramid with supplied 6mm x 18mm screws.



**19** Use Coyote alignment coupler CD106 for alignment during fitting.

Typical Coyote® components use 6x18mm screws provided and Loctite® Blue 242 when attaching pyramid. Torque provided connector screws to 10 Nm. (See Attention for more information)

## Laminating



**20** Once the Quik Glue is set unthread the Dummy from the stud.



**21** Run an even bead of Quik Glue around edge to keep resin from seeping in.



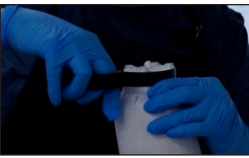
**22** Thread the dummy back on to the socket until it is finger tight flush. Wipe off any excess Quik Glue.



**23** Apply nylon over mold.



**24** Tie a knot in the nylon and cut off the excess.



**25** Tape around the edge with one layer of electrical tape or prosthetic stretch tape



**26** Pull a pva bag over socket and lock dummy. Heat shrink it for a tight fit. Tie off PVA bag and apply vacuum.



**27** Add one layer of electrical tape at the edge of the lock dummy.



**28** Cut the excess nylon and PVA bag off at the distal end of the dummy.



**29** Place the push plate in the hole



**30** Fill circular crack of push plate with clay or putty. Cover bottom of dummy with compound 4.



**31** Pull vacuum nylon over the dummy and mold.



**32** Tie the nylon stockinette and reflect it.



**33** Pull the nylon stockinette, or other materials, over the connector, lock dummy, and mold.



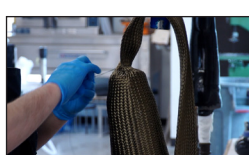
**34** Tie the nylon stockinette and reflect it.



**35** Ensure holes of connector are exposed. A hot nail or awl can be used.



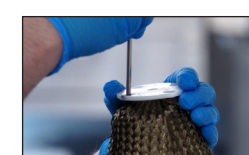
**36** Reinforce with carbon tape between posts.



**37** Pull composite over the socket. Tie off the composite and reflect it for a second layer of composite over mold.



**38** Ensure the connector posts are exposed.



**39** Lubricate screws and install five hole plate. (See Attention #4)



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



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



## Finish

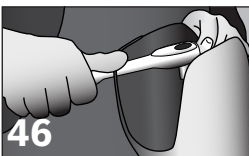
**42** Expose edge and remove excess lamination.



**43** Remove five hole plate.

**44** Smooth rough edges of distal end.

**45** Remove socket in traditional fashion or with socket extractor.



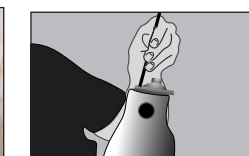
**46** Use the Threaded Bolt and 3/4" or 19mm socket wrench to push the dummy out.



**47** Drill hole in bottom of socket to expel air. Use a 1/8th" or 4mm drill bit.



**48** Spray O-ring on socket with alcohol before inserting.

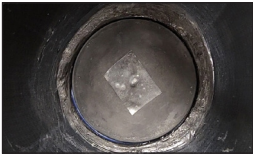


**49** Press lock into place and attach pyramid with supplied 6mm x 18mm screws.

**50** Attaching pyramid to connector will draw lock into place. Tighten each screw evenly a little at a time to draw the puck in.

**51** Loctite® Blue 242 when attaching pyramid. Torque provided connector screws to 10 Nm.

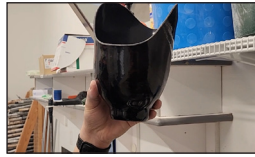
## Checking the seal



**52** To check the seal on the suction puck tape the valve hole shot, as the duck bill valve will not hold water back.



**53** Fill the socket with water.



**54** Check for any leaks.



**55** If there are leaks fill the cracks around the puck with silicone.



When attaching the dummy to the cast. The Threaded Stud can be used as an anchor.



The Threaded bolt is used in conjunction with the push plate to push the dummy out of the socket.

Apply WD40 to prevent oxidization on the dummy.

CD120R Sealing Ring  
(Replacement two pack)



Do not use lock as fabrication dummy. Repeated insertion will degrade the blue sealing ring.

## Documenting Suction

We view suction not as a component or a code, but as a function. Pistoning and milking can be reduced by maintaining a suction socket when using this lock.

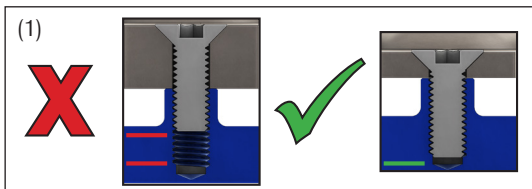
- The suction feature of the lock can be demonstrated and documented very simply.
  - Have the amputee step into the lock and seat completely.
  - Walk the patient normally.
  - Amputee may experience a difference in how the socket feels immediately, after some ambulation. Patient feedback should be documented.
- \* It is the practitioner's responsibility to demonstrate, document, and select appropriate codes for insurance billing.

Detach here and keep everything below with patient records ✂

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

## ⚠ ATTENTION

1. 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.
2. Do not lubricate inside of lock, this will attract debris. If you have a noise issue, it is typically due to seating. Call for technical assistance.
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 Suction Puck and Dummy. Actual lay-ups are responsibility of the technician and/or practitioner.
5. Always use Loctite® Blue 242 on lock pin threads. Follow liner manufacture instructions as they can vary.
6. If using a flexible inner liner, do not leave plastic over lock housing, this can cause air leakage and other issues. You should laminate directly over housing. Contact Coyote for more information, or visit the video gallery at [www.coyote.us](http://www.coyote.us).



## Need assistance?

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