

# AK DAWSKIN™

**2-PART DISCONTINUOUS**

**FINISHING PROCEDURE**

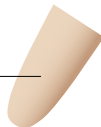
***Please Review STEP 1***

**MEGASTRETCH**



**These 2 Pieces Included**

Femoral  
Section



Tibial  
Section



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## 1

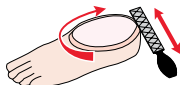
## GLUE FOAM COVER TO FOOT SHELL

**Experience shows that this DAWSKIN WILL TEAR at the Heel if the Foam Cover is not securely & permanently glued onto the Foot Shell.**

For active patients, or those with hydraulic ankles, ensure a lasting bond remains between the Foam Cover & the Foot Shell by tapering the top of the Foot Shell and the inside of the distal end of the Foam Cover.

Follow These Recommended Steps:

1. **Be sure to cut Foam Cover longer.** Add 1/2" to 3/4" (1.5 cm to 2 cm) additional length so that it will overlap to top edge of the Foot Shell.
2. Taper inside of distal end of Foam Cover at a 45° angle.
3. Grind square edge of top portion of foot at 45° angle.
4. **Glue foam completely** to angled top edge of Foot Shell with barge/poly-adhesive glue.
5. Grind foam for a smooth transition of foot to ankle.



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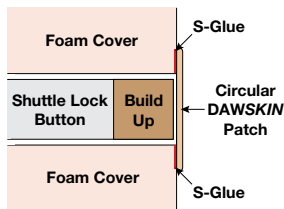
## STEP

## 2

## USING A SHUTTLE LOCK?

Preserve the **DAWSKIN's** appearance by adjusting the shuttle lock button length & prepping it's hole in the foam cover.

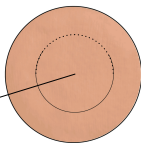
1. **Adjust or build-up** the length of the shuttle lock button so it rests flush with the outer surface of the foam cover. With the proper length, your patient can press the button with the “pad” of their finger, rather than their fingertip, which after repeated pushes, may cause the fingernail to wear holes in their **DAWSKIN**.
2. **Protect the inside surface of the DAWSKIN** from sharp edges of the shuttle lock button. Using a scrap piece of **DAWSKIN**, make a circular patch large enough to cover the hole in the foam cover made for the lock release button. Glue the patch to the foam cover with S-Glue.
3. **DAW** Recommends your patient be trained to press their shuttle lock button with their finger “pad”, not their finger tip, because it may wear holes in their **DAWSKIN** allowing liquid to soak into their foam cover.



## USING AN EXPULSION VALVE? SEE STEP 7

Preserve The **DAWSKIN's** Appearance By Using A Color-Matched Valve Patch (DSK-VP).

**DAWSKIN** Color-Matched Valve Patch (DSK-VP).



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**3****FEMORAL SECTION**

1. Shape Femoral Foam section according to standard procedure.
2. Remove foot/ankle and tibial fairing. Be sure and mark toe in/out placement.
3. Observe cut out (definition) of kneecap and cut slits in Femoral Section of the AK DAWSKIN 2-Part Discontinuous to allow you to don over pylon and knee unit.
4. Glue DAWSKIN Femoral Section to kneecap using only DAW S-Glue. **S-Glue working time = 6 seconds.** Working a 1" section at a time. Start at the most superior point of kneecap cut out. Apply a **THIN** layer of S-Glue, 1/8in wide, to the desired edge of kneecap. Press the DAWSKIN over the glue-coated surface and rub your finger over the area quickly to smooth the glue between the DAWSKIN and kneecap. Hold with pressure for 20 seconds, allowing the S-Glue to cure.
5. Once the glue has cured, trim the cut out of the kneecap with a sharp blade.
6. Before gluing the socket brim, refer to STEP **4** "PREP SOCKET BRIM" then STEP **6** "GLUE DAWSKIN TO THE SOCKET BRIM"



## 4

## PREP SOCKET BRIM

**For Waterproof & Permanent Seal**

Sand the top ½" of the socket brim with 180 grit sandpaper. This roughed up surface will ensure a complete seal when DAW S-Glue is applied (SECTION 4).

**If You Want To Later Remove The DAWSKIN**

DO NOT SAND the socket brim prior to gluing.

To remove the DAWSKIN after S-Glue has cured, use a very sharp pointed blade to very carefully separate the cured S-Glue (DSK-SG) from the socket brim. DO NOT PULL the DAWSKIN to cause separation.



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**5****WARM, THEN DON THE DAWSKIN**

**Warming the DAWSKIN makes it much easier to pull over the heel and onto the leg.**

**1. Warm Using Oven Or Hair Dryer (DO NOT OVERHEAT)****Warming in Oven** (Recommended)

Heat oven to 120-Degrees. Place DAWSKIN on edge of oven with door open. Warm for 90 seconds, then flip. Warm other side for 90 seconds.

**Warming with Hair Dryer**

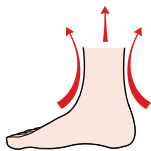
Thoroughly warm the DAWSKIN with a hair dryer to 120° F (5° C) (**NOT A HEAT GUN**). Use of a heat gun will damage the DAWSKIN (cracking will occur, though it will not be immediately apparent).

**2. Don the DAWSKIN as you would a stocking.** While still warm, carefully stretch DAWSKIN over the heel. Then pull fully up the leg all the way above the socket brim.

**NOTE:** For continuous AK covers, check proper tension by bending knee and straightening, wrinkles should disappear in seconds

**3. Before gluing,** temporarily tie the DAWSKIN in place with the included latex strap approximately 1½ inches (4 cm) below most distal socket brim. Allow the DAWSKIN up to 10 minutes settling time for the DAWSKIN memory to conform to shape of leg.**★ Loose Around The Ankle? ★**

Stretching the DAWSKIN up the leg more will narrow the ankle. Refasten the latex strap. Remember that pulling up to narrow the ankle slightly reduces available stretch for ankle articulation.



**DO NOT HEAT SHRINK DAWSKIN.** Unlike heat-shrink skins, DAWSKIN remains elastic to accommodate long-term ankle flexion.  
**Need a smaller ankle?** Use DAWSKIN “Petite Size”.

## 6

## GLUE TIBIAL SECTION TO THE SOCKET BRIM

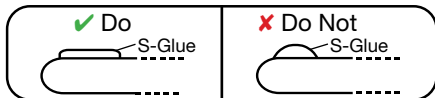
1. To hold the DAWSKIN up while gluing, tie the included latex strap over the DAWSKIN approximately 1½ inches (4 cm) below most distal socket brim.
2. Fold the DAWSKIN down over latex strap to expose socket brim.
3. **GLUING with DAW S-GLUE Regular Formula (DSK-SG):**

**WARNING:** Fasten **ONLY** with DAW S-Glue. All other fast-setting glues produce too much heat and will damage the DAWSKIN.

Starting from the posterior brim, apply a thin layer of S-Glue, 1/8" wide, to the socket brim (see illustration below). **S-Glue working time = 6 seconds.**

Work in 2 inch sections at a time.

**CAUTION:** S-Glue must be applied sparingly. Excess application will generate heat, which can damage the DAWSKIN. Maintain even, sparing application using applicator nozzle.



4. Without stretching, press the DAWSKIN over the glue-coated surface. Rub your finger over the area quickly to smooth the glue between the socket and the DAWSKIN.
5. Hold with pressure for 20 seconds, allowing the S-Glue to cure.
6. Using the same procedure as in Steps 4, 5, & 6 glue anterior brim. Then glue medial and lateral portions.
7. Once the glue has cured, trim the edge with a sharp blade. The edge can be perfected using a fine sanding cone on a rotary sander. For the most professional finish, use the matching color of DAWTRIM to finish the socket brim.



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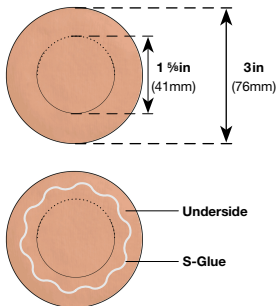


## 7

## USING A EXPULSION VALVE?

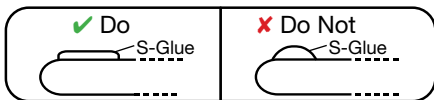
## Preserve The DAWSKIN's Appearance By Using A Color-Matched Valve Patch (DSK-VP).

1. Make a circular hole in your DAWSKIN and Foam Cover no larger than 1 5/8 inches in diameter.
2. Apply a thin layer of DAW S-Glue (DSK-SG) onto the underside of your Valve Patch around the flap portion. The thinner, the better, as any glue spreading out beyond the patch will be visible on the surface of the DAWSKIN.
3. Center the Valve Patch over the foam cover's expulsion valve hole. Hold for 20 seconds as the S-Glue cures.



Air can now exit the prosthesis without damaging your DAWSKIN's integrity or appearance!

**CAUTION:** S-Glue must be applied sparingly. Excess application will generate heat, which can damage the DAWSKIN. Maintain even, sparing application using applicator nozzle.



## CLEANING INSTRUCTIONS

1. For general cleaning, the DAWSKIN can be cleaned with soap & water using a clean soft cloth. Do not use chlorine, acetone or abrasive detergents.
2. In case of marks or stains, use **DAWSKIN Cleaner™** (DSK-CLEANER).



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