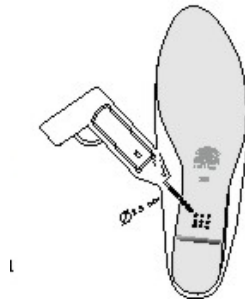
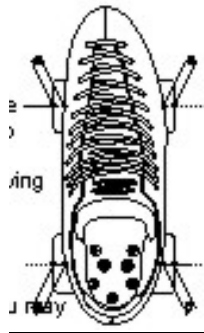


Mounting procedures for EDEA Skates to Roller Skate Frames.

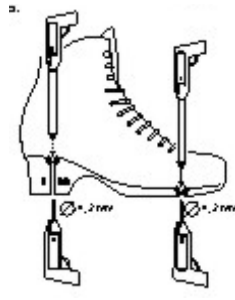
1. If being used for Roller Skating, don't forget to drill open (using a 2.5mm or 3/32" drill bit) the vent holes in the heels for proper ventilation.



2. Remove the inner soles and laces from the boots.
3. Locate the 2 heel mounting holes, inside the boot, between the heel screws, in the area provided.
4. With a Center Punch, mark the 2 locations for the Heel Mounting Bolts.



5. Drill from the inside, (using a 4.2mm or 11/64ths drill bit for Roll-Line and ATLAS Hardware) through the first layer to the void in the heel.



6. Then with a pencil, on the outside of each side of the heel (while looking down into the boot) place a small erasable mark on the outside (sides) of the heel to indicate where the mounting holes are located on the inside of the heel of the boot. This will provide a direction when drilling from the outside.

7. Align the Frame to the Boot.



- A. Mount the boot on the EDEA Mounting Stand. This provides a very stable working platform. (Much better trying to hold everything and then drilling freehand.)
- B. Remember that **SX is Left** and **DX is Right**, if marked. (Figure Frames are for either foot)
- C. The Heel of the Frame should normally be even with the back of the Heel of the boot and should be Centered (side to side), possibly use the back seam of the boot to help visually. The frame should NEVER be more than 3/16ths of an inch pushed forward.
- D. To locate the center of the ball of the foot, it is necessary to measure the entire boot width (from inside Ball of the Foot to the outside Ball of the Foot), NOT just the center of the sole of the boot.

(NOTE: The Snyder Boot Marking Tool, in most cases, will provide an improper center line for mounting on today's boots, because the sole is not centered under the boot. ATLAS and Roll-Line frames utilize the Toe Stop on the Center Line of the Frame, unlike the Snyder that utilizes an Off-Set Toe Stop.)

- E. As a "Rule of Thumb" only, the Center Front of the Frame will land somewhere between the Center Seam of the boot and 3/16ths of an inch to the outside. Usually not much more than this to the outside. Another way to gauge the center is to place the front Truck on the frame and then use a pair of Straight Edges (could also be pens or pencils) from the ball of the boot on each side to the tips of the Axles. This will visually indicate where the frame should mount, when they are balanced.

NOTE: The Goal is to CENTER the Frame under the Skating Boot, so that when looking straight down from the top of the skate, there should be the same amount of axle or wheel showing on EACH Side of the Skating Boot.

- 8. Once the Frame is aligned, hold it very still and mark the sole through the holes in the Frame with a pencil.
- 9. Remove the Frame, and Center Punch the marked holes to provide drilling locations.

Do Not Remove the Internal Heel Screws, found in the EDEA Skating Boots.

- 10. When looking at the pencil mark that you made on the side of the heel, make sure to aim the drill bit towards the mark and inward (especially on the inside heel hole). Drill one of the Heel holes. Success rate of finding the previously drilled hole, from the inside, should be about 98%. Once in a while you will have to look for it after drilling the hole in the outside of the Heel.
- 11. Place the Frame on the sole of the Boot and "Pin" the hole you just drilled, using one of the long Mounting Bolts, temporarily pressed in from the outside. This is to allow you to check and make sure the first hole is in the proper location.

12. Remove the Pin and the Frame, and Drill the second Heel Hole, once again, looking at the pencil mark that you made on the side of the heel, make sure to aim the drill bit inward (especially on the inside heel hole) and towards the mark.
13. Once again place the Frame on the sole of the Boot and “Pin” both Heel mounting holes. Make sure the Heel of the Frame is in the proper location, both front to back and side to side. If not, remove the Pins (Mounting Bolts) and adjust the outside heel hole to properly position the Frame.
14. Replace the Frame and Re-Pin the Heel holes. Align the Frame at the front of the Boot.

Note: We Recommend ALWAYS mount Frames Utilizing ALL Mounting Holes Available.

15. While holding the Frame tight to the sole of the Boot, Drill one of the Forward Toe Holes, in the Boot, through the Frame (be careful not to let the drill or chuck hit and mark the frame).
16. Pin this Forward Toe Hole with one of the short Mounting Bolts.
17. Once again, holding the Frame tight to the sole of the Boot, Drill the Rear Toe Hole on the Opposite side of the Frame, in the Boot, through the Frame.
18. Pin this Rear Toe Hole with one of the short Mounting Bolts.
19. Repeat steps 15 through 18 to the other two Toe Mounting Holes. Each time you Pin the Frame to the Boot, the position of the Toe of the Frame can slightly be adjusted and gets finer in adjustment with each hole to ensure accurate placement.
20. Starting on the second Skating Boot, repeat steps 6 through 19. The Boots have now been drilled and are almost ready for assembly.
21. Using a 5 blade CounterSink or the EDEA CounterSink Tool, CounterSink all 6 holes in each Skating Boot, just enough so that the heads of the Mounting Bolts will be flush with the footbed. (Just as a supplemental note: You may want to go back to the 11/64ths Mounting Drill Bit to make sure the holes are open and clean.)
22. Assembling the Frames to the Skating Boots:
 - A. Press one of the Heel Mounting Bolts through from the inside of the boot. Lay the Frame on the Boot, over the extended Mounting Bolt. Assemble the washer and nut. (DO NOT tighten yet)
 - B. Press the second Heel Mounting Bolt through from the inside of the boot, and on through the Frame. Assemble the washer and nut. (DO NOT tighten yet)
 - C. Insert the EDEA Power Wedge between the front of the Frame and the front of the Skating Boot and Press the 4 Mounting Bolts through from the inside of the boot, on through the Power Wedge, and finally through the Frame. Assemble the washers and nuts. (DO NOT tighten yet)

For **Roll-Line** - Insert the EDEA Power Wedge between the front of the Frame and the front of the Skating Boot. *The side of the EDEA Power Wedge with a divot goes towards the Frame, the smooth side goes towards the Skating Boot. This is a relief for the Toe Stop on the Frame.*

For **ATLAS** E-84, E-97, AE2006S, & AE-2001's – there is no need for the Power Wedge as the Frame is curved to match the Skating Boot.

For **Snyder** – There is a need for the Power Wedge, but there are none available at this time.

EDEA Power Wedges are plastic Inserts designed to match the gap between a Flat Roller Frame and the Curved Boot Sole. The EDEA Power Wedges allow a relaxed and natural position to the foot, prevents improper stretching and misalignment of the boot, and provides a 100% solid contact area between the Skating Boot and the Frame. The Power Wedges provide greater pressure, and thus POWER to the Frame when stroking and pushing, while keeping the Skating Boot and Foot in proper position.

Mounting the **EDEA Power Wedges**

The Power Wedges are made to be used with Roll-Line Frames and any other manufacturer of Skating Boots (like Harlick, Riedell, S P Teri, and others)

23. Once all Mounting Bolts, Frames, Power Wedges, Washers and Nuts are assembled, Tighten the hardware (using a 7mm Nut Driver and a 6" to 8" long #2 Phillips Screw Driver), making sure to watch the placement of the Frame on the Skating Boot. Make sure to tighten the Nuts very well.
24. Using a Skates US bolt break off tool, break off the excess of the bolts.
25. File down the remaining bolt nubs, so as to not leave any sharp edges. When Filing, it is suggested to use a piece of tape to protect the Frame from getting Scratched.
26. Re-Assemble the Frames, Check the Pivot Pin Adjustments on EACH Truck, then insert the Inner Soles and Lace the Skating Boots

Materials Required:

EDEA Skating Boots
Skates (Frames) Complete.
Power Wedges
Mounting Hardware Kit

Recommended:

EDEA Mounting Stand
Skates US Bolt Break Off Tool
File (to remove sharp edges from Mtg Bolts)

Tools Required:

Drill
2.5mm Drill Bit for Vent Holes
4.5mm or 11/64ths Drill Bit for Mounting Holes
Center punch
Pencil
5 Blade CounterSink (or EDEA) Tool
7mm Nut Driver (Hollow Shaft)
6" to 8" #2 Phillips Screw Driver
Skate Tools (for disassembly and assembly)

Please realize that the above procedure is quite a departure from what my Grandpa (Mr. Charles Snyder) taught me about Mounting, but with the newer designs of Skating Boots and Frames, I believe this to be the best guidelines and procedure that can be offered and is the proper for today's equipment. Mounting is as much an Art, as it is a Science.

David

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