

## FOOTWEAR INSTRUCTIONS

### SAY GOODBYE TO COLD. SAY HELLO TO COMFORT.

45NORTH is built on real-world needs and knowledge. Our collection delivers unrivaled comfort and control through advanced technical design and effective use of materials. We have more people who ride more miles in colder weather than anywhere on the planet. Enjoy.

**⚠ WARNING:** Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the manufacturer's website. Inspect your bicycle before every ride. Always wear a helmet.

### GENERAL SAFETY CONSIDERATIONS

Riding bicycles in the winter is a lot of fun. You get to ride in different places, in different ways, with different gear than most other seasons. Our mission at 45NORTH is to enhance the comfort and control our customers experience while riding in cold weather. While we produce gear that improves control on ice and snow, there are inherent risks one assumes while riding in such conditions. Like other cycling disciplines, winter cyclists have different skill levels and experience. It is your responsibility to ride in ways that do not jeopardize your safety. We help you gain comfort and control with technical solutions for hands, feet and traction. You help yourself by using your common sense! With that, here are some basic winter cycling guidelines to consider:

- Use blinking lights and reflective materials on your bicycle and body
- Dress in layers using clothing made of wool, synthetic fibers and windproof materials
- Carry spare gloves, socks and a light insulating jacket with real or synthetic down-fill
- Riding studded tires on ice or snow does not provide the same amount of traction as a normal tire on pavement—use caution whenever you ride on ice or snow!

### INTENDED USE

45NORTH winter cycling footwear is designed to provide comfort in temperatures ranging from -20°F (-28°C) to 45°F (+7°C). Please refer to the outside of the box packaging for approximate comfort range, or visit [www.45NORTH.com](http://www.45NORTH.com) for more specific information on the model you purchased. **Comfort is relative to each individual, and it is the sole responsibility of the end-user to determine the riding conditions that are within their range of comfort and safety.**

Additional safety and warranty information can be found on [www.45NORTH.com](http://www.45NORTH.com)

### COMPATIBILITY

45NORTH footwear is designed for use with most major cleat systems including SPD®, Time®, Look®, and Crank Brothers®. **If using Crank Brothers, Time, or Look 2-bolt pedals with 45NORTH footwear, the cleats must be installed with the shim and/or shoe shield provided with the pedals. Failure to do so may void all warranties related to sole damage. Please also read the instructions provided with your clip-less pedals for installation, maintenance and adjustment of the cleat and pedal system.**

### CLEAT INSTALLATION

Cleatless pedal cleats and bolts should be installed and occasionally re-greased throughout the winter riding season to ensure tightness and to prevent corrosion. Please refer to pedal cleat manufacturer's instructions for additional information on care and installation.

**NOTE:** Rusted cleats are not considered a 45NORTH footwear warranty issue!

### STUD INSTALLATION

(Applicable to certain styles sold after August 1, 2015)

1. Insert stud into stud tool (FIG 1).
2. Insert stud at a 45° angle to the hole (FIG 2). Once half of the stud is inserted, rotate forward to fully insert while pressing firmly.
3. Remove stud tool from rubber outsole. The stud should be fully seated (FIG 3, 4). If it is not, reinsert the stud tool into the stud hole and push in until stud is fully seated.
4. After inserting all desired studs, walk outside on a hard surface for 5–10 minutes to allow the studs to properly seat.

**NOTE:** Be mindful of where you are walking, as the tungsten carbide studs may damage wood floors, linoleum and many other flooring materials. **DO NOT WEAR INDOORS!**

**NOTE: STUDS AND INSERTION WRENCH SOLD SEPARATELY.** The studs and insertion wrench are the same ones used in 45NORTH tires. Visit [45NORTH.com](http://45NORTH.com) or your local dealer for availability.



Figure 1



Figure 2



Figure 3



Figure 4



## CARE AND MAINTENANCE

1. Your 45NRTH boots should not be force-dried with direct heat (hair dryer, machine dryer, heat gun). Depending on the level of moisture in your boots, removing the insole and stuffing the boot with newspaper can aid in faster drying without harming the lining or waterproof membrane.
2. Leather can be cleaned with a soft brush and a mild detergent. Do not soak or submerge your boots.
3. Should the rubber sole become delaminated, the loose areas including the sole and the shoe itself should be thoroughly cleaned with rubbing alcohol. Re-attach the two parts then with a silicone based adhesive. Sole delamination is covered by the limited warranty, however, cleaning and re-gluing the boots yourself will lead to less time without your footwear.
4. Wølfgar liner boots should be spot cleaned only.

## 45NRTH LIMITED WARRANTY

45NRTH guarantees its products against defects in materials and workmanship for a period of twenty-four (24) months from the original date of purchase, subject to the limitations below. The proof of purchase date is the one that is specified on the retail sales receipt issued by the authorized 45NRTH dealer. This warranty does not cover the following:

- Damage due to improper assembly or follow-up maintenance or lack of skill, competence or experience of the user or assembler
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal use
- Damage or deterioration to the surface finish, aesthetics or appearance of the product
- Normal wear and tear
- Minimal loss of studs on studded tires (it is common to lose 5–10 studs under normal use)
- Labor required to remove and/or refit and re-adjust the product within the bicycle assembly

This limited warranty is expressly limited to the repair or replacement of a defective product, at the option of 45NRTH, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the 45NRTH product and is not transferable. This warranty applies only to 45NRTH products purchased through an authorized dealer or distributor. In no event shall 45NRTH be liable for any loss, inconvenience or damage, whether direct, incidental, consequential, or otherwise resulting from breach of any express or implied warranty or condition, of merchantability, fitness for a particular purpose, or otherwise with respect to 45NRTH products except as set forth herein. This warranty gives the consumer specific legal rights, and those rights and other rights may vary from place to place. This warranty does not affect your statutory rights.

TO THE EXTENT NOT PROHIBITED BY LAW, THESE WARRANTIES ARE EXCLUSIVE AND THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS INCLUDING WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

FOR ADDITIONAL PRODUCT AND SAFETY INFORMATION GO TO [WWW.45NRTH.COM/SAFETY](http://WWW.45NRTH.COM/SAFETY).

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