

STUD INSERTION 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.

Additional Product and Safety Information can be found on www.45NORTH.com/safety

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 fiber, 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!

COMPATIBILITY AND INTENDED USE

45North studs are only designed for replacement of studs on 45North studded tires and additions to stud-ready 45North tires. They are intended to be used in snowy and icy conditions, and not intended to be used for year-round riding.

INSTALLATION

1. Insert replacement stud into stud tool (FIG. 1).
2. Insert stud at a 45° angle to the stud hole (FIG. 2). Once half of the stud is inserted, rotate forward to fully insert while pressing firmly from both sides of the tire.



FIG. 1



FIG. 2

3. Remove stud tool from tire. 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.



FIG. 3



FIG. 4

4. After inserting all desired studs, ride the tires for 25–30 miles while minimizing sharp turns and hard braking. This will allow the studs to properly seat into the tire and minimize the risk of losing studs.

ONGOING MAINTENANCE

Periodically check to make sure that the studs are properly secured within the tire, and replace studs as necessary.

FOR ADDITIONAL PRODUCT AND SAFETY INFORMATION GO TO WWW.45NORTH.COM/SAFETY.

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45NORTH.COM



45NORTH LIMITED WARRANTY

45North 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 45North 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
- Installation of components, parts, or accessories not originally intended for use with or compatible with 45North 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 45North, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the 45North product and is not transferable. This warranty applies only to 45North products purchased through an authorized dealer or distributor. In no event shall 45North 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 45North 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.

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