

TIRE INSTRUCTIONS

WARNING

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 website. **45NORTH TIRES ARE NOT TUBELESS READY.**

INTENDED USE

Studded tires: commuting, fatbiking and winter off-road cycling.

Fatbike tires: for bicycles that accommodate a 26 x 3.7" or larger tire, for winter off-road cycling.

RIM COMPATIBILITY

Tire Width	Outside Rim Width
30mm	20–25mm
35mm	20–25mm
38mm	20–28mm
54mm (2.1")	25–35mm
60mm (2.35")	25–40mm
102mm (4.0")	65–102mm

BEFORE EACH RIDE

- Before each ride check to ensure that the tire is in good condition and is properly inflated to recommended pressure range as printed on the sidewall. Use a pump with a pressure gauge to ensure proper inflation
- Ensure that the tire is properly seated on the rim
- Verify that your brakes are engaged and working properly

INSTALLING A TIRE

1. Inspect the rim and rim tape, and make sure there is no debris on the inner tire surface or on the rim, and that all spoke holes are covered. If the rim or the rim tape appear to be damaged, replace them immediately.
2. Install one side of the tire onto the rim (Figure 1.)
Pro Tip: Match up the label on the tire with the label on the rim.
3. Inflate the tube slightly so that it is round but smaller than the tire.
4. Insert the inner tube valve into the valve hole on the rim (Figure 2). You may install the lock nut onto the valve at this time, but leave it loose against the rim. Push the remainder of the inner tube into the partially installed tire. Ensure that the tube is not twisted and that the valve is perpendicular to the rim.
5. Starting opposite from the valve carefully push the loose tire sidewall over the rim lip (Figure 3). Take care to make sure that the inner tube is not pinched between the rim and the tire. Work your way around the tire until the tire is fully installed into the rim. A new tire may be difficult to install all the way without the assistance of a tire lever. If you need to use a tire lever to assist in the installation of the tire, take care not to pinch the inner tube with the tire lever.
6. Once the tire is installed, visually inspect the space between the tire sidewall and both sides of the rim by squeezing the tire, and ensure that the inner tube is not visible (Figure 4).

7. Inflate the tire so that it is pressing against the tire in all locations and then repeat Step 6.
8. Inflate the tire to the maximum recommended pressure and inspect the fine line on the tire and ensure that the distance between the line and the top of the rim is equal all the way around the tire on both sides (Figure 5). This will ensure that the tire bead is seated properly on the rim. Inspect the tire for any bulges, delamination or obvious defects.
9. Deflate the tire and then re-inflate to the desired pressure and close valve (Presta). Install valve cap. Install wheel on bike. Go ride!



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

REMOVING A TIRE

1. Deflate the tire.
2. Push the tire sidewall inwards away from the rim to unseat the tire from the rim all the way around.
3. Using a proper bicycle tire lever, carefully pry one edge of the tire up and over the rim. Depending on the tire one may need to use two levers to achieve this, or none.
4. Use the tire lever to work around the tire, fully removing one side of the tire from the rim.
5. Remove the tube from the rim and tire.
6. Remove the remaining side of the tire from the rim.

For additional product and safety information go to:
www.45nrth.com/safety