



## TIRE INSTRUCTIONS

**⚠ 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.**

**⚠ WARNING:** Tires are a part of your bike that will wear out with use. Tires may pick up foreign objects such as glass or road debris that will puncture the tire and inner tube, causing a loss of air pressure and reduced ability to control or stop the bike, which could lead to a crash resulting in serious injury. Before each ride check to ensure that your tires are in good condition, properly seated on the rim, and properly inflated. Spin each wheel slowly and look for cuts in the tread or sidewall, or excessive wear. Replace damaged or worn tires before riding the bike.

For additional product and safety information go to: <http://www.teravail.com>

## RIM COMPATIBILITY WITH TERAVAIL TIRES

- Galena—May be used with rims 17–25 IBW
- Cannonball—May be used with rims 19–27 IBW
- Sparwood—May be used with rims 23–33 IBW
- Licksillet—May be used with rims 15–23 IBW

**NOTE:** All widths listed are inner bead seat width (IBW) measurements.

**⚠ WARNING:** Mounting the wrong size tires can result in the tires hitting the fork or frame when riding. If this happens, you can lose control of your bike, which would lead to a crash resulting in serious injury. A moving tire can be stopped because it touches the fork or frame. Do not mount oversized tires, tires that rub or hit the fork or frame, tires that result in too little clearance, or tires that can hit the fork or frame when the suspension is fully compressed or when riding. Take care that the tires you select are compatible with your bike's fork or frame design. Be sure to follow the manufacturer's recommendations of your front fork and rear shocks. When you are considering tires for your bike take into account that the actual measured size of the inflated tire on your rim may be different than its sidewall marking. Each time you mount a new tire, take the time to inspect the actual clearance between the rotating tire and all parts of the frame.

**⚠ WARNING:** Before every ride check the condition and trueness of the both wheels to ensure that there is adequate clearance between the frame, fork, wheel, tire, and rim. Teravail recommends no less than 4mm tire clearance for ASTM Condition 1 bikes (road) and no less than 6mm for bikes designated as Condition 2 (cyclocross, touring) and above (mountain).

**⚠ WARNING:** Rims that are too narrow with respect to the tire width could adversely affect the tire's stability and possibly cause a tire to roll off the rim, leading to a crash resulting in serious injury or death. Overly wide rims will change the shape of the tire and ultimately its handling. In addition, wide rims will allow the casing of the tire to stretch beyond the footprint of the tire tread, which exposes the casing to damage.

**⚠ WARNING:** Teravail products are designed and manufactured for durability and dependability. Teravail products' useful life may be shortened when used in competitive racing and/or beyond their intended use. In those circumstances, warranty claims are at the sole discretion of Teravail.

## TIRE PRESSURE

**⚠ WARNING:** Do not inflate tire above the recommended range. Inflation beyond this range may lead to tire or bead failure, resulting in serious injury.

Each tire has a KEEP INFLATED TO pressure range indicated on the sidewall. Never exceed the upper limit of operating pressure. Do not ride on over-inflated or under-inflated tires. Riding on tires improperly inflated for the conditions can result in punctures and dangerous loss of air pressure.

## PARTS REQUIRED FOR TUBELESS SETUP

- Tubeless-compatible rim tape
- Tubeless-compatible wheel—(endorsed rims at <http://www.teravail.com/safety>)
- Tubeless valve stem
- Tubeless tire sealant—(endorsed sealants at <http://www.teravail.com/safety>)

## TOOLS REQUIRED

- Scissors
- Air compressor
- Knife or blade
- Safety glasses
- Soap and water



## TUBELESS TIRE SETUP INSTRUCTIONS

Follow rim manufacturer's instructions. If no instructions are provided, follow tire setup instructions below.

**NOTE:** Teravail tires may also be used with tubes.

### TIRE SETUP INSTRUCTIONS

1. Apply rim tape to cover spoke holes. Keep tape tight and ensure that it is centered in rim valley.  
Tape must not have any wrinkles or creases.
2. Use scissors to cut tape. Tape ends must overlap by 50mm (2") minimum.
3. Rub tape with fingers or rag to secure it to the rim and work out any air bubbles.
4. Using a sharp blade cut a very small X in the tape at the valve hole. Do not cut tape past edges of valve hole.
5. Install tubeless valve and tighten lock nut securely with fingers.  
**NOTE:** We recommend applying soap and water to the bead of the tire to aid in seating the bead.
6. Mount one side of tire on rim. (Make sure to have orientation and direction of tire set up correctly at this time.)
7. Measure and pour tubeless sealant into tire. (See sealant instructions for proper amount.  
Other methods for applying sealant may be available.)
8. Keep the wheel vertical and carefully mount the other side of tire without spilling sealant. Use an air compressor to seat tire on rim.  
Tire will likely make an audible snapping noise when seated fully.
9. Inspect and adjust tire so that it is sitting evenly on rim on both sides.
10. Use an air compressor to seat tire on rim. Tire will likely make an audible snapping noise when seated fully.  
(It may help to hold wheel off the ground during inflation so that the tire sits evenly on the rim and minimal air escapes)  
**⚠ WARNING:** Inspect tire closely during inflation to ensure that it is seating appropriately.  
Wear safety glasses to protect yourself in the case of a failure during installation.  
**⚠ WARNING:** Do not exceed tire maximum operating pressure, as indicated on tire sidewall.
11. Once tire has seated, rotate and shake wheel in all directions to evenly coat inner surface of tire and plug any air leaks.
12. Adjust air pressure to desired level.

### ONGOING MAINTENANCE

Keep your tires properly inflated. Check for tread wear, dried out rubber, and cuts or tears in the material. Replace tires that show excessive wear. The tire is no longer usable when it no longer holds air or when inflation causes the tire to bulge or deform. The more wear your tire has, the greater chance you have of getting a flat.

**NOTE:** Over-exposure to direct sunlight could reduce the life of your tire.

### TERAVAIL LIMITED WARRANTY

Teravail 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 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 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

This limited warranty is expressly limited to the repair or replacement of a defective product, at the option of Teravail, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Teravail product and is not transferable. This warranty applies only to Teravail products purchased through an authorized dealer or distributor. In no event shall Teravail 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 Teravail 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.

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