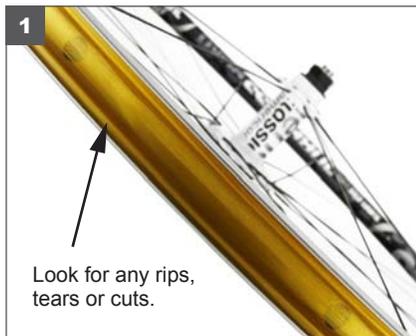


# Mounting Road Tubeless Tires Page 1

How to mount tubeless tires on American Classic Road Tubeless wheels.

- **IMPORTANT:** American Classic Road Tubeless wheels MUST use tubeless specific tires to be run tubeless. If you use a standard clincher tire, you must use a tube. **Do not use tubeless tires with carbon fiber beads.**
- **Tools Needed:** A Cup, Liquid Soap, Water, a Small Rag, and Tubeless Sealant
- Before starting, your rim should be taped with a layer of AC fiber tape covering the spoke holes and two layers of 22mm AC Road Tubeless amber colored tape. All new AC wheelsets come taped and include valves in the box.
- Do not use a tire lever at any point during installation.



1. Inspect clear amber colored tape to make sure it will hold air and seal against the tire bead.



2. Insert red valve stem so the 2 rubber O-rings are touching the tape in the tire well.



A. Use the plastic contoured spacer to protect the rim from the nut.



B. Firmly press base of valve into rim with your thumb then finger tighten knurled nut.

### Tire Preparation:

#### Very Important!

3. BEFORE you put the tire on the rim, use soap, a little water and a rag to **heavily** lather up the tire beads, both inside and out. Also lather up the inside of rim, on the tape. Use plenty of soap, it will help the beads slide over the hooks and seat correctly.



#### Very Important!

When starting to install the first tire bead, **start at the rim seam**, directly across from the valve, and work toward the valve.

When the bead is becoming tight, hard to install or slippery, use a dry rag for extra grip. Once the bead is over the sidewall, make sure it is sitting at the bottom of the rim tire well. **Repeat to get remaining tire bead onto rim.**

Do not use a tire lever at any point during tire installation.



**OK**



**BAD**

4. Spread the beads apart at the valve, to make sure the air will enter between them. You should not see the red valve base.

#### Inflation Tips:

Some tires require a quick shot of air to "catch" the bead. You may need to use a compressor. Sometimes the valve core needs to be removed to allow a quicker shot of air.

Pump air into tire.



5. After the beads catch, finish inflating the tire. Do not exceed the manufacturer's maximum air pressure rating. (PSI/Bar)

#### NOTE:

If the beads do not seat and you have followed the previous instructions, it is possible that your tire will not work. Some tires will not install as the bead diameter is too small and will not go over the bead barb.

You must inflate the tires to 120 PSI / 8.3 Bar to seat the tires. Do not exceed the tire's max pressure rating.

Continue to page 2.

# Mounting Road Tubeless Tires Page 2

How to mount tubeless tires on American Classic Road Tubeless wheels.

6. Slowly let air out of tire. The tire should stay seated. Sometimes the bead sticks and rolls over the barb (not enough soap) and will not stay seated at first. If the beads are not seated at this point, return to Step 3 and use more soap.

If most of the bead is seated (meaning you may have a small section that did not seat completely), you are now ready to install sealant. There are two options for putting sealant into the tire. Start by removing the valve core.

NOTE: We recommend using 1 oz ~ 2 oz. (30ml - 60ml) of sealant per wheel



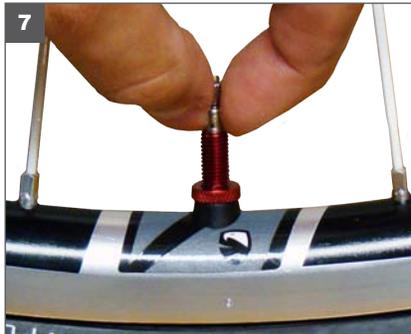
6. After air has been let out of tire and beads are still seated, unthread and remove valve core.



A. Inject the sealant using the funnel style cap or tube that came with the sealant.

### TIPS:

It helps to coat the inside and outside of the valve core with Tri-Flow® or a similar lube before reinstalling. Lube will reduce clogging of the valve core from sealant.



7. Reinstall the valve core. Hand tighten only, do **not** use a wrench or pliers.



8. With the valve core installed, pump air back into the tire and seat the tire beads.

### Inflation:

Some tires require a quick shot of air to "catch" the bead. You may need to use a compressor. Repeat the method that worked for you in Step 4.

**Make sure the beads are fully seated.** Seating may take more air than you will use when riding. Inflate to 120 PSI / 8.3 Bar. Do not exceed the tire manufacturer's maximum air pressure rating. (PSI/Bar)



9. Once the beads are seated and the tire is holding air with sealant inside, shake and rotate the wheel to evenly spread the sealant until any small air leaks are sealed. Shake / rotate in many directions.

### TIPS:

When both tires have been mounted and sealed, you will need to ride them. We recommend riding at least 2 miles / 3km staying close to your shop / home to make sure the tires are setup correctly and ready for longer rides.

Some tires may need to be re-inflated several times before they are completely seated and sealed. Riding the wheels evenly spreads the sealant in the tire and fills in any small gaps in the bead seat.

### REMINDER:

It is good practice to carry a spare tube and tire boot in case of a large puncture or tear the sealant cannot fill.

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 **american classic**<sup>®</sup>

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# ROAD TUBELESS QUICK GUIDE

For more detailed instructions visit [www.amclassic.com](http://www.amclassic.com) - Click "HELP"

-  You **MUST** use road tubeless ready tires. No tubeless tires with carbon fiber beads. Regular road clincher tires cannot be setup tubeless.
  
-  Inspect your tubeless tape for small tears before mounting tire. If the tape is damaged, replace it with new tape. For AC 22mm road tape sets, install 1 wrap of the fiber tape and then 2 wraps of the honey color tape.
  
-  Remove the valve core and coat it with lube inside and out to reduce sealant from clogging the valve core. Hand tighten the valve core.
  
-  Insert the valve through the hole from the tape side of the rim so the black O-rings touch the tubeless tape. Press down on the base of the valve with your thumb while tightening the nut on the outside of the rim.
  
-  Use soap instead of tire levers to install the tires. Spread a lot of liquid dish soap over the tape, rim surface and tire beads. The tape must be slippery to prevent the tire from sticking when being inflated.
  
-  To mount the tires, start opposite the valve stem and work the tire on by hand moving toward the valve. Do **NOT** use tire levers. The last bit of tire installs at the valve. Use a dry towel to help pop the bead over at the valve. **TIP:** If you need tire levers, something is wrong and you have a tire with carbon beads or you did not use enough soap.
  
-  Spread the tire beads away from the base of the valve stem before inflating. Use an air compressor to seat tire beads. You may need to inflate your tires to 120 PSI / 8.3 Bars on the initial mounting to completely seat the tire beads. Do **NOT** exceed the tire's maximum pressure.
  
-  You **MUST** use sealant with your tubeless tires. See the sealant directions for amount required. 2 oz/60 ml are recommended if no directions are available.
  
-  Remove the silver valve core and insert sealant through red valve stem. Wipe out the inside of red valve stem. Hand tighten the silver valve core and re-inflate the tire. Listen for a popping noise which means your beads are seating.
  
-  Ride wheels after installing the sealant to distribute sealant inside the tires, seal any small holes and fully seat tire beads. Check tire air pressure during this process as air can slowly leak out until wheels are fully seated. Ride for at least 2 miles/3 km.
  
-  Tire pressure: Do not go below 90 PSI/6.2 Bars to avoid burping or sudden air loss. The maximum tire pressure is 120 PSI/8.2 Bars or what the tire is rated for.

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If you are having difficulty setting your tubeless tires, please go to your local bicycle shop for assistance.  
Proper tire installation is required to ensure rider safety.