

IMPORTANT – MUST READ BEFORE INSTALLING

- **Nitromousse is FOR OFF-ROAD USE ONLY!** Nitromousse is NEVER to be used for on-road, or on-highway use.
- A proper fitting rim lock must be used with Nitromousse to prevent tire slip, **DO NOT MOUNT a Nitromousse without a proper fitting and functioning rim lock.**
- Use all of the supplied lubricant when mounting a Nitromousse. Apply half of the tube to the inside of the tire and the other half to the outside of the mousse. Make sure to plug any unused holes in the rim or the lubricant will seep out. **Never mount a Nitromousse without proper lubrication.**
- Installing a mousse will require the correct tools and proper technique. - **If you do not have correct tools or are not confident in installing or changing a mousse, we strongly recommend that you have a qualified shop or mechanic perform the installation for you.**
- **TIRE SIZE VARIANCE:** It is important to note that actual tire sizes can vary from brand to brand and model to model even though they are all marked as the same size. Nitromousse should fit most of the tires that they are sized for (but not all). Once installed inside the tire, the Nitromousse should have a very snug fit without any play or gaps between it and the tire. If the Nitromousse is too small for the tire, we suggest going up a size or it will feel too soft and make the tire feel unstable, this can also cause premature wear to the Nitromousse.
- **If a Nitromousse is used on hard surfaces at high speeds it is important to remove and re-lube after each days use and at the same time inspect it for wear or damage and replace if necessary.**
- **Do NOT use Nitromousse at speeds above 75mph, as it will lead to premature wear and can cause total failure.**
- A new Nitromousse should feel similar to 11-12psi of tire pressure. After it is used for a while the “pressure feeling” will begin to drop. It is VERY IMPORANT to pay attention to this and replace the mousse before it becomes too soft or unstable for safe riding.
- The anticipated life of a mousse can vary depending on several factors, some of which are the speed, temperature and intensity of terrain in which the bike is operated, along with maintaining proper lubrication and also its overall age. All factors considered it is important to pay attention to the feel of the Nitromousse when riding. **If the tires start to feel too soft or unstable for safe operation, slow down and only ride at a slow safe controlled speed until the mousse can be removed for inspection and replaced if necessary.**
- When the bike is not being ridden we recommend storing it on a stand with both wheels off the ground, or the Nitromousse may develop flat spots from sitting for extended periods.

For more info visit www.NITROMOUSSE.com, or if any questions please contact us directly.

Suggested Tools

- Long Tire irons/spoons (3 minimum) Used for leverage and prying the tire.



- Short tire irons/spoons (3 minimum) Used to ramp the tire down into the rim.



- Bead holding tools or vice grips (2 minimum) Used to ramp the tire into the rim and keep the bead from popping back out while mounting.



*Pictures used as examples only

Other helpful tools

- Tire changing stand (with bead breaker is helpful) (Rabaconda)



- Extra tire irons/spoons and bead holding tools/vice grips

MOUSSE INSTALLATION

1. Apply $\frac{1}{2}$ of the tube of lubricant to the outside of the mousse and the other $\frac{1}{2}$ to the inside of the tire. Then insert the Mousse completely inside of the tire by standing it up and pushing down on the tire to spread the tires beads open. Then rotate the tire and repeat the process until the mousse completely inside of the tire.



Tips:

- Using a slightly damp brush or sponge can help to get the lube inside of the tire spread evenly.
- Wearing gloves will help to keep things clean
- **NEVER use a mousse without proper lubrication**

2. Start by securing the tire bead under the rim lock to hold the tire in place, then use tire irons to work your way around the rim until it is completely in the drop center of the rim.



Tips:

- Push on the tire with your knee to help keep the bead under the rim lock
- Using smaller bites will make it easier, grabbing too far away from the previous tire iron will make it more difficult and could damage the tire.

3. Now use the tire irons to work the mousse over the same side of the rim. Work your way around the rim until the mousse is completely over the lip of the rim and setting in the valley of the rim.



Tips:

- Using longer curved tire irons is helpful for leverage.
 - Pushing the sidewall down with your arms or legs will pop the mousse in the center of the rim very easily.
4. Starting on one side of the rim lock, start spooning the bead onto the rim. It is helpful to put a bead holding tool and/or some extra tire irons into the bead to act as ramps so that the tire is able to fall into the drop center or, "valley" of the rim when working the last bites of the tire bead onto the rim.



Tips:

- Most people like to start by putting the tire under the rim lock first, but there are several techniques used. You can try different methods to find out what works best for you.
- when using the small tire irons to ramp down in the rim, it's most effective if you do this on the 1/4-1/2 area of the tire directly opposite of where you will be finishing spooning the bead on.
- Taking very small bites when spooning the tie on works best.



Tips:

- The more bead holding tools or small tire irons you can use inside of the bead, the easier the bead will fall down into the valley of the rim.

5. Once the tire is on, stand the wheel up and push down on the rim lock to make sure the tire is fully seated. With the tire mounted properly, tighten down the rim lock. Now go ride!!!



Tips:

- Some tire stands have a cut out that makes it easier to push on the rim lock.
- If the bead not seating properly, stand the tire up vertically about waist high and bounce the tire while rotating it several times. This will seat the bead about 90% of the time, but a short slow ride is sometimes needed to fully seat the bead on a very stiff tire.
- **DO NOT MOUNT a Nitromousse without a proper fitting and functioning rim lock.**