

**Nitrogen...
The right choice
for tire inflation**

Nitrogen Tire Inflation Systems
manufactured by
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*Nitrogen Now in
Place*



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Who uses nitrogen in their tires?

All commercial aircraft, NASCAR, Indy, LeMans, Formula One, the U.S. Military, NASA, even Lance Armstrong and the Tour de France riders!

Why do they use nitrogen?

Because nitrogen is an inert, dry, non-flammable gas, it is used in various applications for several reasons. Commercial aircraft must avoid moisture in their tires at 30,000 feet, race teams require a more stable gas that's easier to manage under extreme conditions; however, they all are taking advantage of the many benefits of inflating their tires with nitrogen.

What are the benefits of nitrogen?

- Better tire pressure retention
- Improved fuel economy
- Cooler running tires
- Removal of oxidation
- Elimination of rim rust
- On-the-road reliability

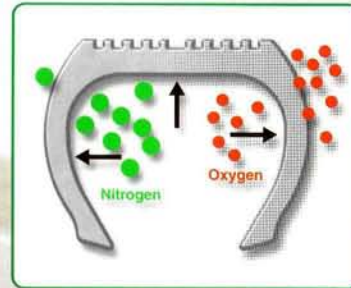
How does nitrogen improve tire life?

Better tire pressure retention Because of nitrogen's larger molecular size, it migrates through a tire 3 to 4 times slower than regular air which keeps your tire pressure where it should be that much longer. Maintaining the proper inflation pressures in your tires maximizes vehicle handling, fuel economy and tire life!

How can nitrogen do all that?

It's really quite simple. Here's how:

- **Vehicle Handling** By maintaining proper inflation pressures in your tires, the recommended "contact patch" of the tire is on the road. When tires are under (or over) inflated, the contact patch changes. Keeping your tires inflated to the correct inflation pressure maximizes vehicle handling.
- **Fuel Economy** Under inflated tires have a greater rolling resistance. Nitrogen can improve your miles per gallon by lessening that resistance.
- **Tire Life** Your tires will quickly wear on the shoulders if they are under inflated and quickly wear in the center of the tread if they are over inflated. Tires inflated with nitrogen run cooler than tires inflated with regular air. Removing the oxygen also eliminates the oxidation and condensation that can damage inner liners, steel belts and rims. Get the most out of your investment by inflating your tires with nitrogen today!



Will it hurt my tires to fill them with "plain old air" if I have an emergency?

We realize that you may encounter a situation where nitrogen isn't available. Or, maybe you stopped for an oil change and they topped off your tires with "plain old air".

Until nitrogen tire inflation becomes more commonplace, regular air is still better than no air. However, the more air you put in, the less benefit you'll get from the nitrogen that remains in your tire.

It's the best practice to continue to check your tire pressure on a regular basis. If you added "regular air" for some reason, return to the tire dealer that inflated your tires with nitrogen and have your tires "topped off" with nitrogen.