



What's Holding You Up?

Tire Ball® inflation cells are available for all makes and models of off-road ATVs and Motorcycles. Installation is available at all Tire Ball® certified dealers and trackside at major events.

One Full Year Unconditional Guarantee*

*TBDC, LLC will repair or replace any Tire Ball® cell that fails for any reason within 1 year of the date of purchase. This warranty is for Tire Ball® product only and TBDC expressly disclaims any liability for consequential damages, personal injuries or economic losses, resulting from the use or abuse of any of its products.



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High Performance Flat-Proof Tire Inflation

The Tire Ball® inflation cells help to make any off-road experience trouble free. Whether it is an ATV used for work or pleasure, or a race bike, Tire Balls deliver increased traction and improved suspension to get you into and out of difficult terrain with virtual flat-proof confidence.

Flat Tire Solution

The Tire Ball® High Performance Inflation System is composed of multiple inflation cells that inflate the tire - versus the inner tube or tube-less tire which has one vulnerable single cell.

A puncture of the single cell inner tube or tube-less tire results in a flat tire. Puncture of a Tire Ball® inflated tire results in a flat cell not a flat tire. Chances are a rider will not even recognize the loss of air of the deflated Tire Ball® cell.

Each Tire Ball® cell is made from state of the art materials that are 10 times more puncture resistant than conventional inner tubes.

Tire Ball® cells are engineered to last for years.

- To flatten a tire inflated by Tire Ball® inflation cells, many balls must be punctured.
- A side-wall cut or tread puncture common to an ATV tire has no effect on the Tire Ball® inflated tire.
- The increased suspension capacity of a "Tire Ball® inflated tire" greatly reduces rim pinch and rim damage potential.
- Tire Ball® cells have a 1 year unconditional flat-proof guarantee.
- With proper tools, installation is quick and easy.
- No maintenance is required between tire changes.
- Performance-proven in GNCC & Baja events for over 3 years.



Better Suspension

Unique to the Tire Ball® inflation system is “progressively increasing pressure” created by tire impact with terrain obstacles.

The harder a tire impacts an obstacle, like a rock or root, the higher the pressure builds within the Tire Ball® cells in the impact zone.

Tire Ball® inflation cells improve the overall ride quality by reducing the pressure spikes to the forks/shocks.

Lower initial inflation pressure means a plusher, smoother ride over rough terrain.

Better Handling

High Performance Inflation

Lower inflation pressure means a larger contact patch producing great traction for:

- faster acceleration
- quicker stops
- higher corner speeds
- less wheel spin
- increased rider control

Tire Ball® cells reduce side wall roll-over resulting from high cornering forces.

Flat-proof inflation - puncture of 1 or more Tire Ball® cells does not disable the vehicle. You can still finish the task at hand!

Unique Tire Ball® suspension advantages:

- softer initial plushness
- reduces rider fatigue
- greater bottoming resistance
- reduces uncontrolled rebound
- less bone jarring impacts

Flat Tire Solution

Unique to Tire Ball® inflation, the multiple cells that inflate a tire react to impacts differently than traditional single-cell/inner tube inflation. Loads are applied only to the cells within the contact patch area.

“It’s like a smart system, the harder you hit something the higher the pressure goes.”

-Scott Summers

Because the impact on Tire Ball® cells reduces the volume of each ball affected in the contact patch, pressure in each ball rises correspondingly. In contrast, volume changes in an inner tube or tube-less tire are small even when the tire bottoms completely, so there is little pressure rise. To overcome this limitation, inner tubes and tube-less tires must be inflated to higher pressures, resulting in a harsher ride over small-size obstacles.

Better Traction

Traction is improved due to a larger contact patch (area between the tire and the ground). No pressure adjustments are needed for different riding conditions, whether muddy and soft or dry and hard. You can run the same plush low pressure set-up and never worry about having a flat tire!



Tire Ball® cells have been performance tested and proven in the harshest of racing conditions. That’s the assurance that we pass along to every Tire Ball® customer.



Tire Balls - the revolutionary high performance tire inflation system the winners ride!

Used by:

Scott Summers (Parts Unlimited/Moose Racing/Honda/Maxxis)
William Yokley (Yoshimura/Suzuki/IMS/Roll Design/Elka/ITP)
Destry Abbott (Team Green Kawasaki/DestryAbbott.com)
Traci Cecco (Alba Action Sports/Team Safari)

Improved Performance