

# CO<sub>2</sub> INFLATION CHART

<b>Tire Size</b>	<b>12 gram CO<sub>2</sub></b>	<b>16 gram CO<sub>2</sub></b>	<b>20 gram CO<sub>2</sub></b>	<b>25 gram CO<sub>2</sub></b>	<b>BigAir!</b>
Road 700 x 23c	90 psi/6.2 BAR	130 psi/9 BAR	2- tires 78 psi/5.4 BAR	2- tires 90 psi/6.2 BAR	NOT FOR USE
Touring 700 x 28c	62 psi/4.3 BAR	88 psi/6 BAR	106 psi/7.3 BAR	125 psi/8.6 BAR	NOT FOR USE
Cross 700 x 35c	3 carts= 120 psi/8.3 BAR	2 carts= 115 psi/7.9 BAR	70 psi/4.8 BAR	80 psi/5.5 BAR	NOT FOR USE
MTB 26" x 1.95	30 psi/2.1 BAR	40 psi/2.7 BAR	2- tires 24 psi/1.7 BAR	2- tires 30 psi/2.1 BAR	2- tires 40 psi/2.7 BAR
MTB 26" x 2.4	20 psi/1.4 BAR	27 psi/1.8 BAR	32 psi/2.2 BAR	2- tires 20 psi/1.4 BAR	2- tires 27 psi/1.8 BAR
29er 29 x 2.1	24 psi/1.7 BAR	31 psi/2.1 BAR	43 psi/3.0 BAR	2- tires 23 psi/1.6 BAR	2- tires 31 psi/2.1 BAR
BMX 20" x 2	36 psi/2.5 BAR	48 psi/3.3 BAR	2- tires 29 psi/2 BAR	2- tires 36 psi/2.5 BAR	2- tires 48 psi/3.3 BAR
BMX 24" x 2	31 psi/2.1 BAR	42 psi/2.9 BAR	2- tires 25 psi/1.7 BAR	2- tires 31 psi/2.1 BAR	2- tires 42 psi/2.9 BAR




2012 Bicycle Product Catalog

[genuineinnovations.com](http://genuineinnovations.com)



2012



 Genuine  
Innovations



# An American Brand.

## 22 years and counting.

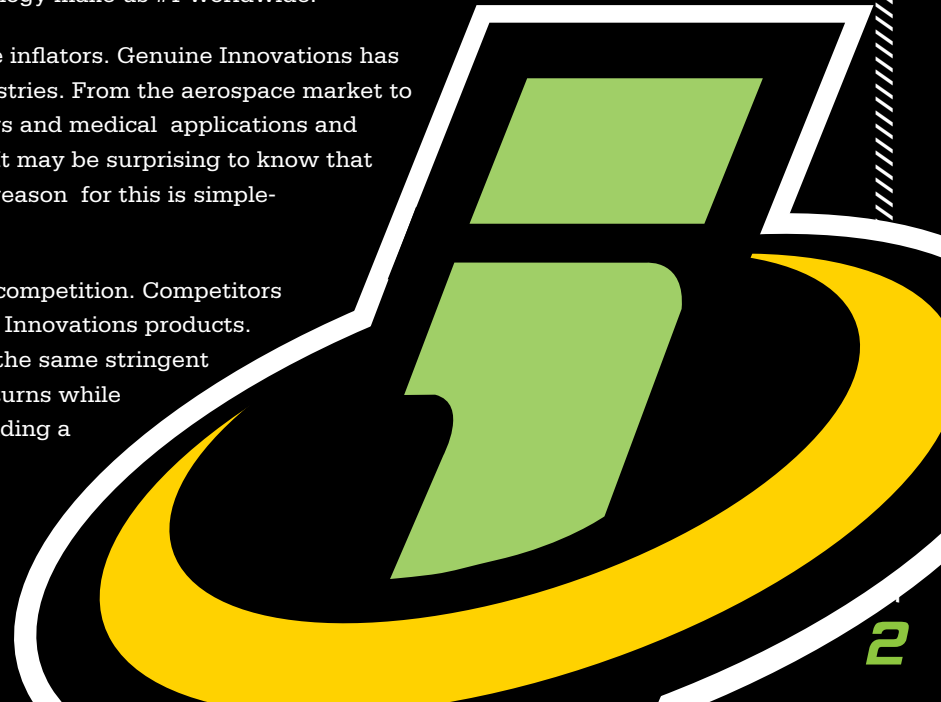
Since our humble beginnings back in 1989, Genuine Innovations has engineered, manufactured and tested all of our products at our home base in Tucson, Arizona. Our commitment to keep Genuine Innovations an “American Made” brand allows us to support our local economy, labor force and house our manufacturing facility here in the USA. This fact is becoming more of an exception rather than a reality in today’s business world.

As the world leader in CO<sub>2</sub> Tire Inflation, we pride ourselves on our innovative technology, product quality and ability to maintain our products as the best and safest in the business. We do this by constantly improving our technology, materials and manufacturing techniques. Every single item we produce here in the USA is individually hand tested. Not one in a hundred, but every single inflator leaving our production line. The ability to control our manufacturing is another reason why Genuine Innovations CO<sub>2</sub> Tire Inflators are far superior to anything on the market today. Some of cycling’s top selling brands come to Genuine Innovations to produce their own line of CO<sub>2</sub> inflators because our quality control and innovative technology make us #1 worldwide.

The story of Genuine Innovations is actually much larger than CO<sub>2</sub> tire inflators. Genuine Innovations has designed & produced many gas regulator products for numerous industries. From the aerospace market to wine and beer preservation, from consumer dust blowers, gun cleaners and medical applications and devices to motorcycle/atv tire CO<sub>2</sub> inflators and military applications. It may be surprising to know that a majority of our business comes from outside the cycling world. The reason for this is simple- we know high pressure valve regulation.

Why choose Genuine Innovations products? We stand apart from our competition. Competitors CO<sub>2</sub> tire inflators manufactured in Asia pale in comparison to Genuine Innovations products. The materials, technology and manufacturing process are not held to the same stringent requirements. By testing every inflator, we limit consumer risk and returns while reducing liability for our dealers. We stand behind our quality by providing a Lifetime Warranty on all of our CO<sub>2</sub> tire inflators!

**From initial product design to final packaging,  
Genuine Innovations is proud to say  
“We are an American Brand!”**



A group of cyclists is shown in motion, racing on a paved road. The background features two tall palm trees and a clear blue sky. The cyclists are wearing various colored jerseys and helmets, and their motion is blurred to convey speed.

# MINI CO<sub>2</sub> INFLATORS

These inflators are small, lightweight, and ideal for minimalists and racers.

## Microflate Nano

### Mini CO<sub>2</sub> Inflator

P/N # 2342

- Twist-To-Inflate technology for fast, easy & controllable CO<sub>2</sub> inflation!
- The ONLY CO<sub>2</sub> inflator that works with Disc/Aero wheels.
- Our most economical CO<sub>2</sub> inflator.
- **Valve interface:** Slip onto Presta or Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!
- **Construction:** Glass reinforced nylon with brass valve internals.
- **Weight:** 23 grams



EUROBIKE



AWARD 2010

## AirChuck Elite

### Mini CO<sub>2</sub> Inflator

P/N # 2373

- Push-to-Inflate technology for fast, easy & controllable CO<sub>2</sub> inflation!
- All metal design.
- **Valve interface:** Slip onto Presta or Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!
- **Construction:** Alloy.
- **Weight:** 17 grams



# CUPPED CO<sub>2</sub> INFLATORS

Our easy to use, simple one handed inflators. These work with ALL types of CO<sub>2</sub> cartridges and are our most versatile.

## Ultraflate 2

### Cupped CO<sub>2</sub> Inflator

P/N # 2410

- Push-To-Inflate technology for fast, easy & controllable CO<sub>2</sub> inflation!
- Our smallest & lightest cupped inflator.
- **Valve interface:** Slip onto Presta, screw on for Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded and non-threaded CO<sub>2</sub> cartridges & Big Air!
- **Construction:** Glass reinforced nylon with brass valve internals.
- **Weight:** 39 grams



## Ultraflate Plus

### Cupped CO<sub>2</sub> Inflator

P/N # 2428

- Trigger Controlled technology for fast, easy & controllable CO<sub>2</sub> inflation!
- Our best selling cupped inflator of all time!
- Built in "Trigger Lock" prevents accidental CO<sub>2</sub> discharge.
- **Valve interface:** Slip onto Presta, screw on for Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded and non-threaded CO<sub>2</sub> cartridges & Big Air!
- **Construction:** Glass reinforced nylon with brass valve internals.
- **Weight:** 72 grams

## Proflate Elite

### Cupped CO<sub>2</sub> Inflator

P/N # 2444

- Trigger Controlled technology for fast, easy & controllable CO<sub>2</sub> inflation!
- Our "Top of the Line" cupped CO<sub>2</sub> inflator!
- Built in dirt/water cover and pressure indicator built right in.
- **Valve interface:** EZ Connect/ Auto Detect head automatically grips valve when inflation starts.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded and non-threaded CO<sub>2</sub> cartridges. (Does NOT work with 12g non-threaded or BigAir!)
- **Construction:** Glass reinforced nylon with brass valve internals.
- **Weight:** 55 grams



Photo by Devon Balet



# COMBO **CO<sub>2</sub>** HAND PUMPS

High quality, great performing hand pumps with the added security of a built-in CO<sub>2</sub> inflator. Truly innovative!



## Mountain Pipe

**MTB Combo CO<sub>2</sub> Hand Pump**  
P/N # 2543

SPECS

- Twist-To-Inflate technology for fast, easy & controllable CO<sub>2</sub> inflation!
- A MTB hand pump with back-up CO<sub>2</sub> inflation built right in.
- CO<sub>2</sub> stores in handle to "extend" handle". Built in hidden "stash" container in handle.
- **Valve interface:** Slip onto Presta. For Schrader valves, use included Schrader valve adaptor.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!
- **Construction:** All alloy construction with brass valve internals.
- **Weight:** 115 grams

Also available-  
**Mountain Pipe- WHITE**  
P/N#2551



## Second Wind Road Mini

**Road Combo CO<sub>2</sub> Hand Pump**  
P/N # 2523

SPECS

- Twist-To-Inflate technology for fast, easy & controllable CO<sub>2</sub> inflation!
- A Road hand pump with back-up CO<sub>2</sub> inflation built right in.
- CO<sub>2</sub> stores in handle to "extend" handle" for more ergonomic feel.
- **Valve interface:** Slip onto Presta (Not compatible with schrader).
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges.
- **Construction:** Glass reinforced nylon with brass valve internals.
- **Weight:** 63 grams



# CO<sub>2</sub> TIRE REPAIR & INFLATION SOLUTIONS

Everything you need to fix and inflate multiple flat tires. Each kit easily fits into your jersey, hydration pack, or mounts on your bicycle.



Photo by Devon Balet



## Tire Repair & Inflation Wallet

Convenient inflation wallet includes tire repair kit

P/N # 2518

SPECS

- Includes our Microflate Nano, with Twist-to-Inflate technology (The Only CO<sub>2</sub> inflator that fits inside Disc/Aero wheels).
- Includes two 16 gram threaded CO<sub>2</sub> cartridges.
- Includes a small patch kit & two tire levers.
- All above items packaged in a seat bag with reflective strips.
- **Valve interface:** Slip onto Presta or Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!

Also available-

### DELUXE Tire Repair & Inflation Wallet

- Featuring Ultraflate Plus with Trigger Controlled Technology
- Includes all of the above items but in a larger, 5" x 4.5" wallet size

# Tire Repair Canister

Instant tire repair & inflation kit in a hard shell case

P/N # 2506

- Includes our Microflate Nano, with Twist-to-Inflate technology (The Only CO<sub>2</sub> inflator that fits inside Disc/Aero wheels).
- Includes two 16 gram threaded CO<sub>2</sub> cartridges.
- Includes a small patch kit & two tire levers.
- Shop rag
- All packaged in a plastic bottle (fits right in your water bottle cage).
- **Valve interface:** Slip onto Presta or Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!



# Race Day Elite Kit- MTB

The perfect on-bike inflation system

P/N # 2570

- Includes our Air Chuck Elite, with Push-to-Inflate technology.
- Featuring our new X-Mount- on bike mounting system
- Includes one- BigAir! cylinder (Enough air for two 26" tires).
- **Valve interface:** Push on Presta or Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!

Also available-

## Race Day Elite Kit- ROAD

- Includes all of the above items but with a 16 gram threaded CO<sub>2</sub> cartridge P/N#2536 P/N#2571

## X-Mount

- On bike mounting system only P/N#2536

# SEAT BAG CO<sub>2</sub>



## Tire Repair & Inflation Seat Bag

Seat bag flat tire repair kit

P/N # 2513

- Includes our Microflate Nano, with Twist-to-Inflate technology (The Only CO<sub>2</sub> inflator that fits inside Disc/Aero wheels).
- Includes two 16 gram threaded CO<sub>2</sub> cartridges.
- Includes a small patch kit & two tire levers.
- All above items packaged in a seat bag with reflective strips.
- **Valve interface:** Slip onto Presta or Schrader valves.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!



## Deluxe Seat Bag Inflation Kit

Featuring Ultraflate Plus, seat bag flat tire repair kit

P/N # 2538

- Includes the Ultraflate Plus, with Trigger Controlled technology.
- Built in "Trigger Lock" prevents accidental discharge.
- Includes three 16 gram non-threaded CO<sub>2</sub> cartridges.
- Includes a small patch kit & two tire levers.
- All packaged in a seat bag with reflective strips.
- **Valve interface:** Slip onto Presta, screw on for Schrader.
- **Cartridge compatibility:** 12, 16, 20, 25 gram threaded AND non-threaded CO<sub>2</sub> cartridges & Big Air!

# INFLATION KITS



## Tri/Road Seat Bag Inflation Kit

*A smaller seat bag flat tire repair kit for roadies!*

P/N # 2404

- SPECS**
- Includes our Microflate Nano, with Twist-to-Inflate technology (The Only CO<sub>2</sub> inflator that fits inside Disc/Aero wheels).
  - Includes two 16 gram threaded CO<sub>2</sub> cartridges.
  - Includes a small patch kit & two tire levers.
  - All packaged in a mini seat bag.
  - **Valve interface:** Slip onto Presta or Schrader valves.
  - **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!



## Commuter Seat Bag Inflation Kit

*A larger seat bag flat tire repair kit*

P/N # 2509

- SPECS**
- Includes our Microflate Nano, with Twist-to-Inflate technology (The Only CO<sub>2</sub> inflator that fits inside Disc/Aero wheels).
  - Includes two 16 gram threaded CO<sub>2</sub> cartridges.
  - Includes a small patch kit & two tire levers.
  - All packaged in a large seat bag.
  - **Valve interface:** Slip onto Presta or Schrader valves.
  - **Cartridge compatibility:** 12, 16, 20, 25 gram threaded CO<sub>2</sub> cartridges & Big Air!



# TOOLS & ACCESSORIES

Small and compact, these accessories are convenient for road or trailside assistance.



## Flat Stack 2

### Ultra thin mini tool

P/N # 9115

- NEW built in tire levers!
- Includes nine tools in one super light and ultra slim design.
- Tools include: 2mm hex, 3mm hex, 4mm hex, 5mm hex, 6mm hex, 8mm hex, T25, Phillips head and flat screwdrivers.
- **Weight:** 64 grams



## Torx Stack 2

### Ultra thin torx tool

P/N # 9116

- NEW built in tire levers!
- Tools include: T10, T15, T25, T30, flat head driver & Phillips driver (P2).
- **Weight:** 49 grams



## Cartridge Cross

### On bike CO<sub>2</sub> mounting system

P/N # 2540

- Mounts on your water bottle cage brackets and holds up to 4 CO<sub>2</sub> cartridges.
- Includes two 16 gram threaded CO<sub>2</sub> cartridges.
- Built in Anti-Reverse Feature (your cartridges stay secure while you ride).
- **Cartridge compatibility:** Works with ALL threaded CO<sub>2</sub> cartridges (except 45 gram).
- **Construction:** Durable die cast.



## Tubeless Tire Repair

### Instant tire repair plugs

P/N # 2500

- Finally, a flat solution for your tubeless tires! Quick and easy flat repairs now can be made on the trail. Insertion tool and plugs repair the hole in seconds!
- Includes insertion tool.
- Includes 5 rope plugs.





## 12 gram non-threaded CO<sub>2</sub>

- Available in 3 pack- P/N #2040
- Available in display box of 50- P/N #2046
- Available in case of 100- P/N #2139
- Available in case of 380- P/N #2050



## 16 gram non-threaded CO<sub>2</sub>

- Available in 2 pack- P/N #2170
- Available in 6 pack- P/N #2173
- Available in display box of 20- P/N #2176
- Available in POP tub of 60- P/N #2177
- Available in case of 100- P/N #2179
- Available in case of 270- P/N #2178



## 12 gram threaded CO<sub>2</sub>

- Available in 3 pack- P/N #2140
- Available in display box of 30- P/N #2146
- Available in case of 100- P/N #2138
- Available in case of 380- P/N #2147



## 16 gram threaded CO<sub>2</sub>

- Available in 2 pack- P/N #2150
- Available in 6 pack- P/N #2153
- Available in display box of 20- P/N #2156
- Available in POP tub of 60- P/N #2149
- Available in case of 100- P/N #2159
- Available in case of 270- P/N #2158





## Cartridge Cover

- Display Tub of 30.
- Genuine Innovations insulated cartridge cover for 16 & 20 gram only.
- Shield hands/fingers from cold CO<sub>2</sub> cartridge.

P/N #9230



## Fat20 20 gram threaded CO<sub>2</sub>

- Specifically designed for larger volume MTB tires
- Available in 2 pack- P/N #2131
- Available in 6 pack- P/N #2132
- Available in display box of 20- P/N #2133
- Available in POP tub of 60- P/N #2134
- Available in case of 80- P/N #2136



## Big Air!

- A non-CO<sub>2</sub> alternative
- Fills two 26 inch MTB tires to rideable pressure.
- 1 pack hang tab- P/N #2190
- Available in display box of 8- P/N #2196

**FOR MTB TIRES ONLY!**

## 25 gram threaded CO<sub>2</sub>

- Specifically designed for 29 inch wheels.
- Available in display box of 15- P/N #2166
- Available in case of 140- P/N #2167



There are many reasons why you should choose to sell Genuine Innovations products. Some of them are:

**NO Direct Sales:** We are the best in our field due to hard work and the help of our partners. Genuine Innovations role within the retail channels is to provide support for Distributors, Dealers, and Customers, through education, product placement, and general support.

**NO Backorders:** Because Genuine Innovations manufactures and warehouses our product on site, we are able to minimize your stocking issues and eliminate backorders. When the demand spikes you will have product to fulfill it.

**Road Rep Program:** Our Road Rep is on the road 12 months a year traveling everywhere within the US and Canada. Traveling with both Distributor Reps and alone, the Road Rep's mission is to help educate the public and dealers about our brand. If you would like our Road Rep to visit your shop, please contact *Webster-websterh@innovationsaz.com*

**Lifetime Warranty:** Something isn't working right, give us a call and we will replace it for you. No run around or complicated forms to fill out for you or your customer.

**100% Product Inspection:** American Engineered and Produced. Every single product is 100% tested & inspected right here in our Tucson, AZ facility.

**Support:** In the past 2 years we have given over \$200,000 worth of product to partners, athletes, races, and causes, helping grow the cycling industry worldwide.

**Experience:** 22 years as the world leader and innovator sets us apart from ALL the competition. Want the best, ask for the best.

Ask for  
**Genuine Innovations**

Why  
**\$ell**  
Genuine  
Innovations  
products?



# 3 Steps to \$ell!



## Step 1- "Set It Up"

- Attach the CO<sub>2</sub> cartridge to the CO<sub>2</sub> inflator.
- Screw the CO<sub>2</sub> cartridge onto the head of the inflator.
- For our cupped inflators, drop a CO<sub>2</sub> cartridge into the cup and tighten the head to the body.



## Step 2- "Hook It Up"

- Attach inflator to the valve stem
- Push the inflator onto the valve stem OR thread the inflator onto the valve stem, (depending on the model).



## Step 3- "Fill It Up"

- All Genuine Innovations CO<sub>2</sub> inflators allow the user to control the flow of air.
- Depending on the model, either "Twist-to-Inflate", "Push-to-Inflate" or "Trigger Control" will deliver air to your tire.



Want FREE CO<sub>2</sub> for your in-store demos?

Give us a call at 1-800-340-1050 x134