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CZC AUTO 102027

CZC AUTO Digital Tire Inflator Pressure Gauge User Manual

Model: 102027

Brand: CZC AUTO

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your CZC AUTO Digital Tire Inflator Pressure Gauge. This device combines the functions of testing tire pressure, deflating, and inflating tires, making it a versatile tool for maintaining optimal tire pressure for various vehicles.



Figure 1: CZC AUTO Digital Tire Inflator Pressure Gauge. This image shows the complete assembly of the digital tire inflator pressure gauge, including the digital display, handle, hose, and chuck.

2. PRODUCT FEATURES

- **3-in-1 Functionality:** Capable of testing tire pressure, deflating tires, and inflating tires when connected to an air pump or compressor.
- **Digital Display:** Large blue backlit LED screen for clear readings.
- **Multiple Pressure Units:** Supports PSI, kg/cm², BAR, and KPA with 0.1 display resolution.

- **High Accuracy:** Calibrated to ANSI B40.1 Grade B (2%) international accuracy standard.
- **Durable Construction:** Features an aluminum handle, brass air bleeder button, and a 13-inch heavy-duty rubber hose.
- **Lock-on Chuck:** Straight brass lock-on chuck for secure connection to tire valves.
- **Automatic Functions:** LED screen auto-on upon connection to tire valve, auto-off after 20 seconds of inactivity.

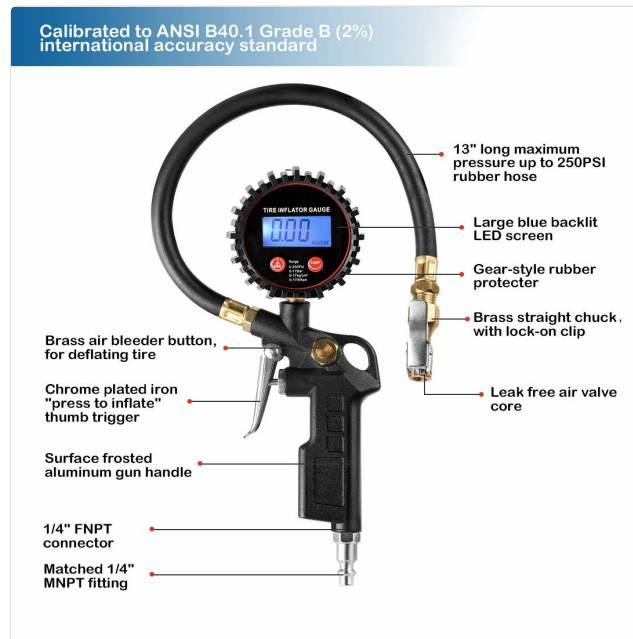


Figure 2: Key components of the CZC AUTO Digital Tire Inflator Pressure Gauge. This image highlights various parts such as the brass air bleeder button, chrome-plated iron thumb trigger, surface frosted aluminum gun handle, 1/4" FNPT connector, 13" long rubber hose, large blue backlit LED screen, gear-style rubber protector, brass straight chuck with lock-on clip, and leak-free air valve core.

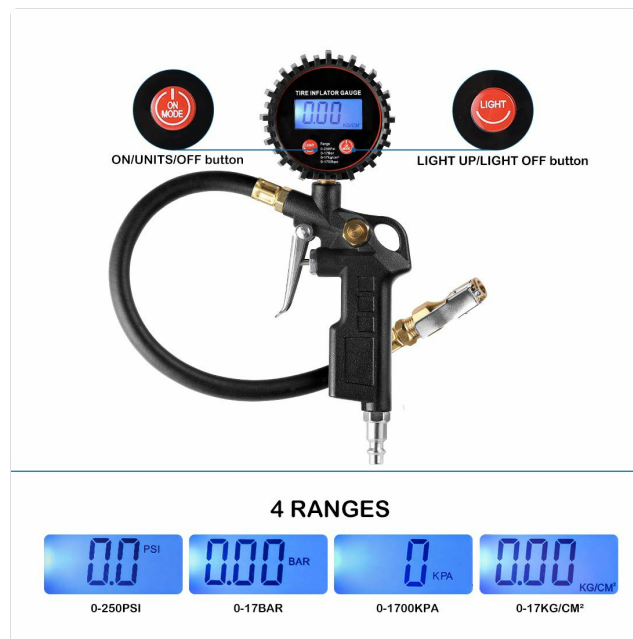


Figure 3: Digital display and available pressure units. This image illustrates the "ON/UNITS/OFF" button, "LIGHT UP/LIGHT OFF" button, and the four measurement ranges: 0-250 PSI, 0-17 BAR, 0-1700 KPA, and 0-17 KG/CM².

3. SETUP

3.1 Battery Installation

The digital display requires 2 AAA batteries (not included). To install:

1. Locate the battery cover on the back of the digital gauge head.

2. Remove the battery cover.
3. Insert 2 AAA batteries, ensuring correct polarity (+/-).
4. Replace the battery cover securely.



Figure 4: Battery compartment. This image shows the location of the battery cover and where to insert the 2 AAA batteries (not included).

3.2 Connecting to Air Source

To use the inflation function, connect the gauge to an air pump or compressor:

1. Ensure your air pump or compressor is equipped with a 1/4" NPT fitting.
2. Attach the included 1/4" MNPT fitting to the bottom of the inflator handle.
3. Connect the inflator gauge to your air pump or compressor's hose.

4. OPERATING INSTRUCTIONS

4.1 Checking Tire Pressure

For accurate readings, check tire pressure when tires are cold, especially before long-distance travel.

1. Remove the valve cap from the tire.
2. Press the straight brass lock-on chuck firmly onto the tire valve stem. The digital display will automatically turn on and show the current tire pressure.
3. Read the pressure displayed on the LED screen.
4. Press the "ON/UNITS/OFF" button to cycle through pressure units (PSI, kg/cm², BAR, KPA) if desired.
5. Press the "LIGHT UP/LIGHT OFF" button to toggle the backlight.
6. Remove the chuck from the valve stem. The display will auto-off after 20 seconds of inactivity.



Figure 5: Checking tire pressure with the gauge. This image demonstrates how to connect the gauge's chuck to a tire valve to read the pressure on the digital display.

4.2 Inflating Tires

Ensure the gauge is connected to an air pump or compressor as described in Section 3.2.

1. Connect the straight brass lock-on chuck firmly onto the tire valve stem.
2. Press the chrome-plated iron thumb trigger to begin inflating the tire. Monitor the pressure on the digital display.
3. Release the thumb trigger once the desired pressure is reached.
4. Remove the chuck from the valve stem.

4.3 Deflating Tires

The gauge can deflate tires whether connected to an air pump or not.

1. Connect the straight brass lock-on chuck firmly onto the tire valve stem. The current pressure will be displayed.
2. Press the brass air bleeder button to release air from the tire. Monitor the pressure on the digital display as air is released.
3. Release the air bleeder button once the desired pressure is reached.
4. Remove the chuck from the valve stem.



Figure 6: Wide range of vehicle compatibility. This image shows the tire inflator gauge is suitable for various vehicles including trucks, buses, cars, SUVs, RVs, ATVs, bikes (with Schrader valve), and motorcycles.

5. MAINTENANCE

- **Cleaning:** Wipe the gauge with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the gauge in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace batteries when the display becomes dim or does not turn on. Remove batteries if storing for extended periods to prevent leakage.
- **Hose and Chuck Inspection:** Periodically inspect the rubber hose and brass chuck for any signs of wear, cracks, or damage. Replace if necessary to ensure accurate readings and safe operation.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity or replace with new AAA batteries.
Inaccurate pressure reading.	Chuck not fully seated on valve stem; gauge needs calibration.	Ensure chuck is pressed firmly onto the valve stem. If issues persist, contact customer support.
Air leaks when inflating/deflating.	Loose connection; damaged hose/chuck; faulty valve core.	Ensure all connections are tight. Inspect hose and chuck for damage. Check tire valve core for leaks.
Cannot inflate tire.	No air supply from compressor; trigger not pressed.	Verify compressor is on and connected. Ensure thumb trigger is fully pressed.

7. SPECIFICATIONS

Model Number	102027
Pressure Range	Up to 250 PSI

Accuracy	ANSI B40.1 Grade B (2%)
Pressure Units	PSI, kg/cm², BAR, KPA
Display Resolution	0.1
Hose Length	13 inches
Power Source	2 x AAA Batteries (not included)
Materials	Aluminum, Brass, Rubber
Item Weight	14.4 Ounces
Package Dimensions	10.75 x 5.67 x 1.85 inches



Figure 7: Product dimensions. This image provides a diagram with measurements, showing the gauge head is approximately 3 inches wide, the total height from the bottom of the handle to the top of the gauge is 9-1/4 inches, and the hose length from the gauge to the chuck is 15-1/2 inches.

8. WARRANTY AND SUPPORT

For any problems encountered when receiving or using our products, please feel free to contact us. Our client support team is always available to assist you.

Manufacturer: CZC AUTO

Date First Available: April 15, 2019



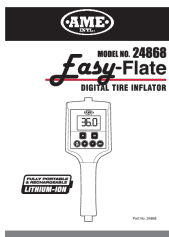
[Slime Expert Heavy Duty Inflator \(40068\) - Portable 12V Air Compressor for Cars, Trucks, Bikes](#)

Learn how to use and troubleshoot the Slime Expert Heavy Duty Inflator (Model 40068). This portable 12V air compressor features Inflate Right™ technology, a digital gauge, and a bright LED light for inflating tires on cars, trucks, and bikes.



LISIXLIUYI 160PSI Portable Tire Inflator User Manual

User manual for the LISIXLIUYI 160PSI portable tire inflator. Learn about its features, battery display, charging status, button functions, ports, accessories, and safety information.



AME Easy-Flate Digital Tire Inflator Model 24868 - Instruction Manual

User manual for the AME Easy-Flate Digital Tire Inflator (Model 24868). Provides detailed instructions on features, operation, components, troubleshooting, maintenance, and specifications for this portable, rechargeable tire inflator.



[Sharper Image Cordless Auto Stop Tire Inflator User Guide | Model 206093](#)

User guide for the Sharper Image Cordless Auto Stop Tire Inflator (Item No. 206093). Features, identification of parts, instructions for use (plugged-in and battery), specifications, safety precautions, and warranty information.



[Lamicall VHEP01 Tire Inflator User Manual and Safety Guide](#)

Comprehensive guide for the Lamicall VHEP01 portable tire inflator, covering usage instructions, storage, safety precautions, and recommended tire pressures for various vehicles and sports equipment.



Auto Joe ATJ-AIR1-HYB Hybrid Inflator + Deflator User Manual | Snow Joe + Sun Joe

This user manual provides essential safety, operation, and maintenance information for the Auto Joe ATJ-AIR1-HYB Hybrid Inflator + Deflator, a versatile dual-power air pump from Snow Joe® + Sun Joe®. Learn how to use its high pressure, high volume, and digital gauge features effectively.

