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ATsafepro AP002-10

ATsafepro Pencil Tire Pressure Gauge Instruction Manual

Models: 5-50 PSI & 10-75 PSI

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your ATsafepro Pencil Tire Pressure Gauge. Designed for accuracy and durability, this gauge helps ensure optimal tire pressure for various vehicles, including cars, SUVs, bikes, and motorcycles equipped with Schrader valves. Maintaining correct tire pressure is crucial for vehicle safety, fuel efficiency, and tire longevity.

Wide Application



Image: The ATsafepro Pencil Tire Pressure Gauge is suitable for a wide range of vehicles, including bicycles, motorcycles, cars, and trucks.

WHAT'S IN THE BOX

- 5 x ATsafepro Pencil Tire Pressure Gauge (5-50 PSI range)
- 5 x ATsafepro Pencil Tire Pressure Gauge (10-75 PSI range)

The package includes a total of 10 pencil tire pressure gauges, offering two different measurement ranges to suit various vehicle types and applications.

PRODUCT COMPONENTS

The ATsafepro Pencil Tire Pressure Gauge features a robust design for reliable performance. Key components include:

- **Chrome-plated Metal Head:** Ensures a secure and sealed connection to the tire valve.
- **Extended Nozzle:** Designed for a better seal and easier access to tire valves.
- **Deflating Bump:** Allows for controlled release of air to adjust tire pressure.
- **Stainless Steel Tube Body:** Provides durability and resistance to corrosion.

- **Pocket Clip:** For convenient carrying and storage.
- **Clear 4-Sided Scale Bar:** Offers easy-to-read pressure measurements in PSI and kPa.

Product Analysis



Image: Detailed view of the ATsafepro Pencil Tire Pressure Gauge, highlighting its chrome-plated metal head, extended nozzle, deflating bump, stainless steel tube, pocket clip, and clear 4-sided scale bar.

SETUP

The ATsafepro Pencil Tire Pressure Gauge requires no assembly or batteries. It is ready for immediate use upon removal from its packaging.

1. Ensure the tire valve stem is clean and free from dirt or debris.
2. Remove the valve cap from the tire valve.

OPERATING INSTRUCTIONS

Follow these steps to accurately measure your tire pressure:

1. **Prepare the Tire:** Ensure the tire is cold (driven less than a mile) for the most accurate reading.
2. **Remove Valve Cap:** Unscrew the valve cap from the tire's valve stem.

3. **Attach Gauge:** Firmly press the chuck (nozzle) of the tire pressure gauge straight onto the tire valve stem. You should hear a brief hiss of air as the gauge makes a seal. Maintain a tight seal to prevent air leakage.
4. **Read Pressure:** The scale bar will slide out from the gauge body, indicating the tire pressure. Read the measurement directly from the scale bar.
5. **Remove Gauge:** Once the reading is taken, remove the gauge from the valve stem. The scale bar will remain extended, holding the reading until manually reset.
6. **Reset Gauge:** Push the extended scale bar back into the gauge body to reset it for the next measurement.
7. **Replace Valve Cap:** Screw the valve cap back onto the tire valve stem to protect it from dirt and moisture.

Easy to Use



Image: A hand demonstrating how to press the tire pressure gauge onto a car tire valve for measurement.

Important Note: Do not exceed the maximum pressure rating of the gauge (50 PSI or 75 PSI, depending on the model). Exceeding this limit can permanently damage the device and compromise its accuracy.

MAINTENANCE

To ensure the longevity and accuracy of your ATsafepro Pencil Tire Pressure Gauge, follow these maintenance guidelines:

- **Cleaning:** Wipe the gauge with a soft, dry cloth after each use to remove dirt, dust, or moisture. Avoid using

harsh chemicals or abrasive cleaners.

- **Storage:** Store the gauge in a clean, dry place, away from extreme temperatures and direct sunlight. The integrated pocket clip allows for convenient storage in a tool belt, workbench, or pocket.
- **Inspection:** Periodically inspect the nozzle and body for any signs of damage or wear. Ensure the scale bar moves smoothly.
- **Avoid Drops:** While durable, dropping the gauge on hard surfaces can affect its calibration and accuracy. Handle with care.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate Reading	Gauge not fully seated on valve; tire not cold; gauge damaged.	Ensure a tight seal on the valve. Measure when tires are cold. If consistently inaccurate, the gauge may need replacement.
Air Leakage During Measurement	Gauge not pressed firmly enough; valve stem bent or damaged.	Press the gauge more firmly and straight onto the valve. Inspect the valve stem for damage.
Scale Bar Does Not Extend	No pressure in tire; gauge mechanism stuck.	Check if the tire is completely flat. Gently tap the gauge to free the mechanism. If still stuck, the gauge may be faulty.

SPECIFICATIONS

- **Model Number:** AP002-10
- **Pressure Ranges:** 5-50 PSI (0.35-3.5 bar / 35-350 kPa) and 10-75 PSI (0.7-5.2 bar / 70-520 kPa)
- **Measurement Units:** PSI, kPa (dual display on scale bar)
- **Material:** Aluminum tube body, Zinc alloy nozzle
- **Item Weight:** Approximately 8.4 ounces (for the pack of 10)
- **Package Dimensions:** 6.42 x 3.03 x 1.26 inches
- **Compatibility:** Suitable for Schrader valves on cars, SUVs, bikes, motorcycles, and trucks.

Heavy-Duty Craftsmanship

Pressure Range: 5-50Psi / 50-350Kpa & 10-75Psi / 100-550Kpa
Two Display units: Psi / Kpa



Image: Close-up view of the ATsafepro Pencil Tire Pressure Gauge scale bar, illustrating the dual display units for PSI and kPa.

WARRANTY AND SUPPORT

ATsafepro products are manufactured to high-quality standards. For any questions, concerns, or support regarding your tire pressure gauge, please refer to the retailer's return policy or contact ATsafepro customer service through their official channels. Keep your purchase receipt for warranty claims, if applicable.