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› VONDIOR 0-60 PSI Heavy Duty Tire Pressure Gauge Instruction Manual

VONDIOR 6PSI-A

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Model: 6PSI-A

INTRODUCTION

Thank you for choosing the VONDIOR 0-60 PSI Heavy Duty Tire Pressure Gauge. This analog gauge is designed for accurate and reliable tire pressure measurement, ensuring optimal vehicle performance and safety. Its robust construction and user-friendly features make it an essential tool for any vehicle owner.



Figure 1: VONDIOR 0-60 PSI Heavy Duty Tire Pressure Gauge.

SAFETY INFORMATION

- Properly inflated tires are crucial for driving safety, reducing stopping distances and preventing skidding on wet surfaces.
- Regularly checking tire pressure helps maintain vehicle control and prevents premature tire wear.
- Under-inflated tires can lead to increased fuel consumption and contribute to environmental pollution.
- Always refer to your vehicle's owner's manual or door jamb sticker for the recommended tire pressure (PSI).

PRODUCT FEATURES

- **High Accuracy:** Certified ANSI Accurate to $\pm 1\%$ full scale of 60 PSI range.
- **Durable Construction:** Features a durable brass body and a rubberized outer bumper for secure grip and impact protection.
- **360° Swivel Chuck:** The valve connector rotates 360 degrees for maximum convenience and easy access to tire valves from any angle.

- **Air Bleeder Valve:** Allows for slow and precise deflation of tires to the correct pressure level.
- **Easy-to-Read Dial:** Large 2-inch glow-in-the-dark dial ensures clear readings even in low light conditions.
- **Analog Design:** No batteries required, providing instant and reliable readings.



Figure 2: Key features of the VONDIOR Tire Pressure Gauge, including swivel chuck, air bleeder valve, durable brass body, and rubberized bumper.

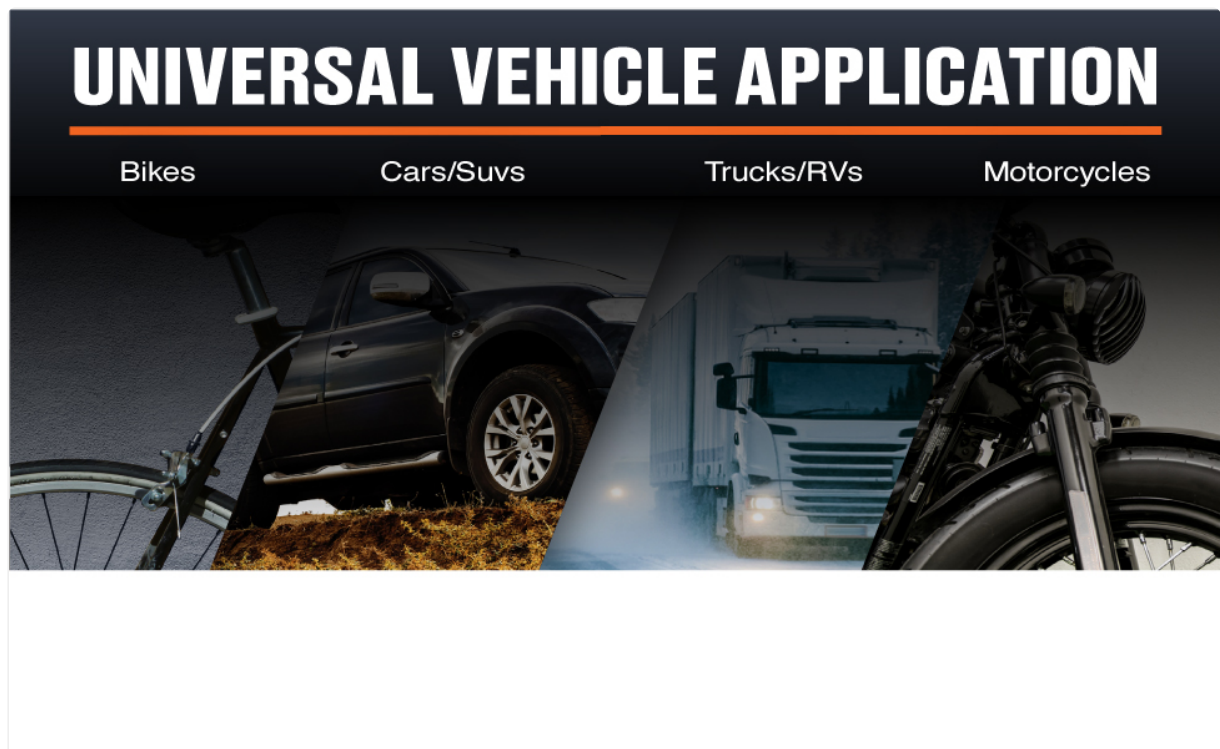


Figure 3: The glow-in-the-dark dial provides clear visibility in low light conditions.

OPERATING INSTRUCTIONS

Follow these steps to accurately measure and adjust your tire pressure:

1. **Prepare the Tire:** Remove the valve stem cap from the tire you wish to check.
2. **Determine Recommended Pressure:** Consult your vehicle's owner's manual or the sticker on the driver's side door jamb for the optimal PSI (Pounds per Square Inch) for your tires.
3. **Attach the Gauge:** Firmly press the swivel chuck of the tire pressure gauge onto the tire's valve stem. Ensure a tight seal to prevent air leakage. The gauge will instantly display the current tire pressure.
4. **Read the Pressure:** Observe the reading on the large dial. The needle will hold its position, allowing you to easily read the measurement even after removing the gauge.
5. **Adjust Pressure (if necessary):**
 - If the pressure is higher than recommended, gently press the air bleeder valve on the gauge to slowly release air until the desired PSI is reached.
 - If the pressure is lower than recommended, use an air compressor to add air to the tire, checking frequently with the gauge until the correct PSI is achieved.
6. **Remove and Replace:** Once the desired pressure is set, remove the gauge and replace the valve stem cap.



Figure 4: Step-by-step guide for using the VONDIOR Tire Pressure Gauge.

MAINTENANCE

- Store the gauge in a clean, dry place away from extreme temperatures.
- Avoid dropping the gauge or subjecting it to harsh impacts to maintain its accuracy. The rubberized bumper provides protection, but excessive force can still cause damage.
- Clean the gauge with a soft, dry cloth. Do not use abrasive cleaners or solvents.



Figure 5: The gauge features a durable rubber drop guard for enhanced protection.

TROUBLESHOOTING

If you encounter issues with your tire pressure gauge, consider the following:

- **Inaccurate Readings:** Ensure the gauge is pressed firmly and squarely onto the valve stem to

prevent air leaks during measurement. If readings remain inconsistent, the gauge may require recalibration or replacement.

- **Air Leakage During Use:** Check that the valve stem is not damaged or bent. Ensure the chuck is fully engaged with the valve stem.
- **Needle Not Resetting:** The gauge is designed to hold the reading until the bleeder valve is pressed. If the needle does not return to zero after pressing the bleeder valve, ensure the valve is not stuck.

SPECIFICATIONS

Brand	VONDIOR
Model Number	6PSI-A
Measurement Range	0-60 PSI
Accuracy	±1% Full Scale (Certified ANSI B40.1)
Dial Size	2 inches
Material	Brass, Rubber
Item Dimensions (L x W x H)	1.3 x 2.9 x 5 inches
Item Weight	7.1 ounces
Thread Type	Push-on/Chuck

WARRANTY AND SUPPORT

The VONDIOR Tire Pressure Gauge comes with a **10-year warranty** and lifetime after-sales service. Our dedicated customer support team is always available to assist you with any questions or needs you may have regarding your product.

For support, please visit the [VONDIOR Store on Amazon](#) or contact our customer service directly.