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Spurtar Spurtar

Spurtar 10-120 PSI Heavy Duty Tire Pressure Gauge with Inflator Air Chuck Instruction Manual

Model: Spurtar

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Spurtar 10-120 PSI Heavy Duty Tire Pressure Gauge with Inflator Air Chuck. This device is designed for accurate tire pressure measurement and efficient inflation across various vehicles, including cars, trucks, motorcycles, and bicycles. Please read this manual thoroughly before operation.

2. SAFETY INFORMATION

- Always wear appropriate eye protection when operating air tools.
- Ensure the air compressor is turned off and depressurized before connecting or disconnecting the inflator.
- Do not exceed the maximum recommended tire pressure for your vehicle. Refer to your vehicle's owner's manual or tire placard for correct pressure values.
- Keep hands and body clear of moving parts and pressurized air streams.
- Store the inflator in a clean, dry place away from direct sunlight and extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x Spurtar Tire Pressure Gauge with Inflator Air Chuck
- 1x Rubber Hose (13 3/8 inches / 34cm)
- 1x Chrome Plated Iron Stem (5 11/16 inches / 14.5cm) with Dual Head Push-Pull Chucks
- 4x Tire Valve Cores
- 4x Metal Tire Valve Stem Caps
- 4x ABS Tire Valve Stem Caps
- 1x 4-Way Valve Core Tool
- 1x Thread Seal Tape
- 1x Lock-on Air Chuck



Figure 3.1: All components included in the Spurtar Tire Pressure Gauge with Inflater Air Chuck package.

4. SETUP

4.1 Connecting to an Air Compressor

1. Ensure your air compressor is off and depressurized.
2. Apply the provided thread seal tape (PTFE tape) around the threads of the 1/4" NPT air inlet connector on the inflator. Wrap the tape in the direction of the thread spiral (usually clockwise) for a good seal.
3. Securely attach the inflator's 1/4" NPT air inlet to your air compressor's hose or quick-connect fitting. Use appropriate tools to tighten the connection, ensuring no air leakage.

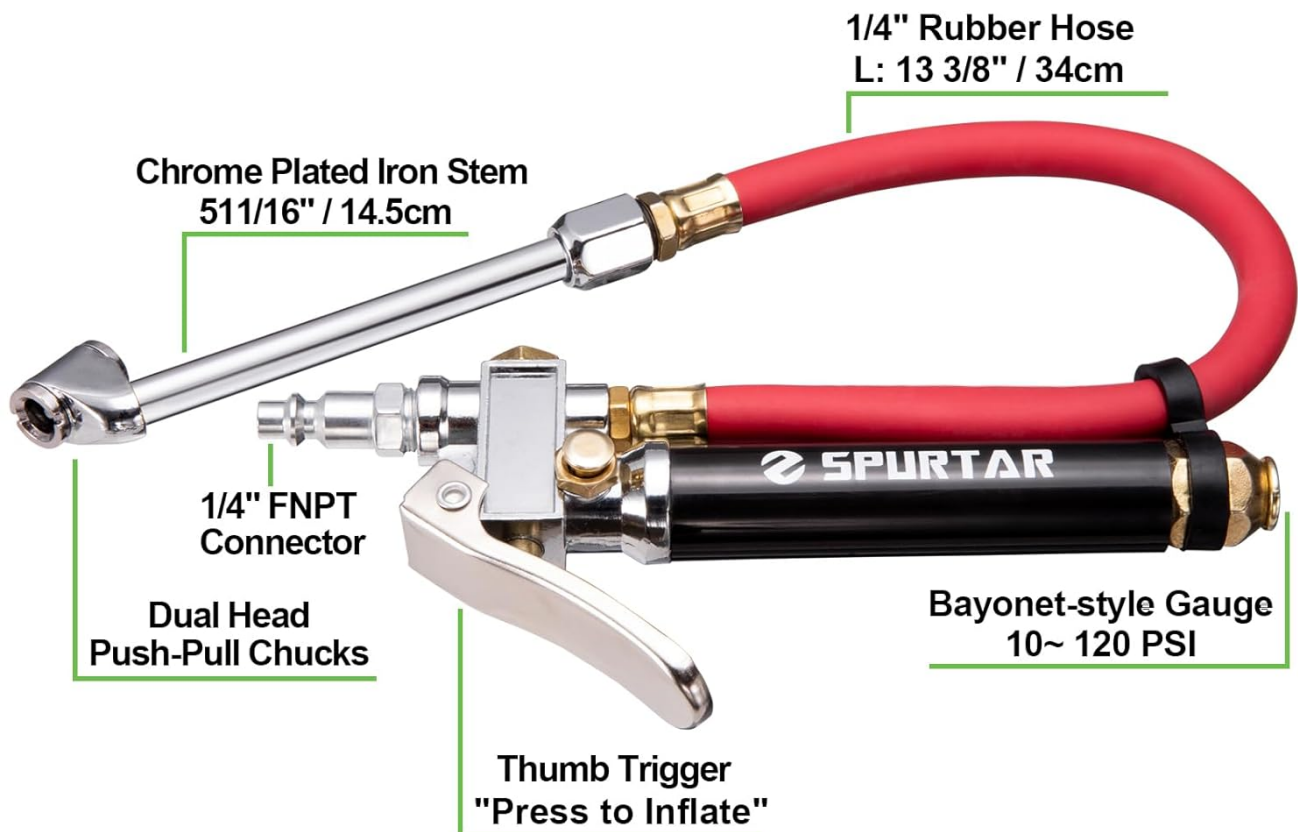


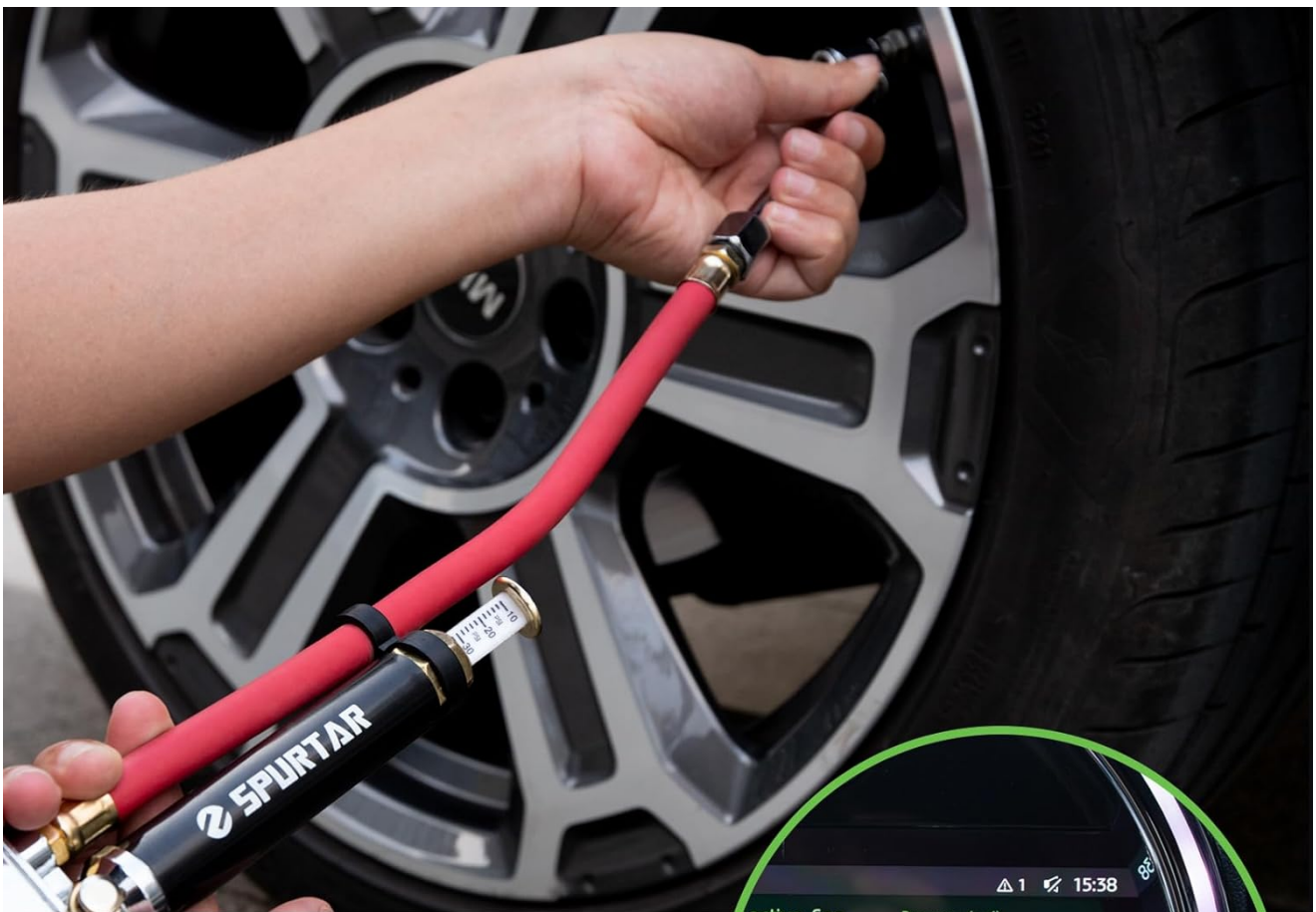
Figure 4.1: Overview of the inflator components and connection points.

Video 4.1: Official video demonstrating the unboxing, assembly, and basic operation of the Spurtar Tire Pressure Gauge with Inflator Air Chuck, including connecting to an air compressor and inflating a tire.

5. OPERATING INSTRUCTIONS

5.1 Checking Tire Pressure

1. Remove the valve cap from the tire valve stem.
2. Firmly press the inflator's chuck onto the tire valve stem. Ensure a tight seal to prevent air leakage.
3. The bayonet-style pressure gauge will immediately display the current tire pressure.
4. Compare the reading to your vehicle's recommended tire pressure.



ADVANCED ACCURACY

Performance-tested and calibrated to ANSI B40.1 Grade B (2%) international accuracy standard with resolution of 2psi for maximum accuracy



Figure 5.1: Checking tire pressure by pressing the chuck onto the valve stem.

MULTIPURPOSE



Bayonet
Style
Gauge

10 to
120 PSI

Figure 5.2: Close-up view of the bayonet-style pressure gauge indicating tire pressure.

5.2 Inflating Tires

1. With the chuck firmly attached to the tire valve stem, press down the thumb trigger on the inflator. Air will begin to flow into the tire.
2. Monitor the pressure gauge as you inflate.
3. Release the trigger once the desired pressure is reached.

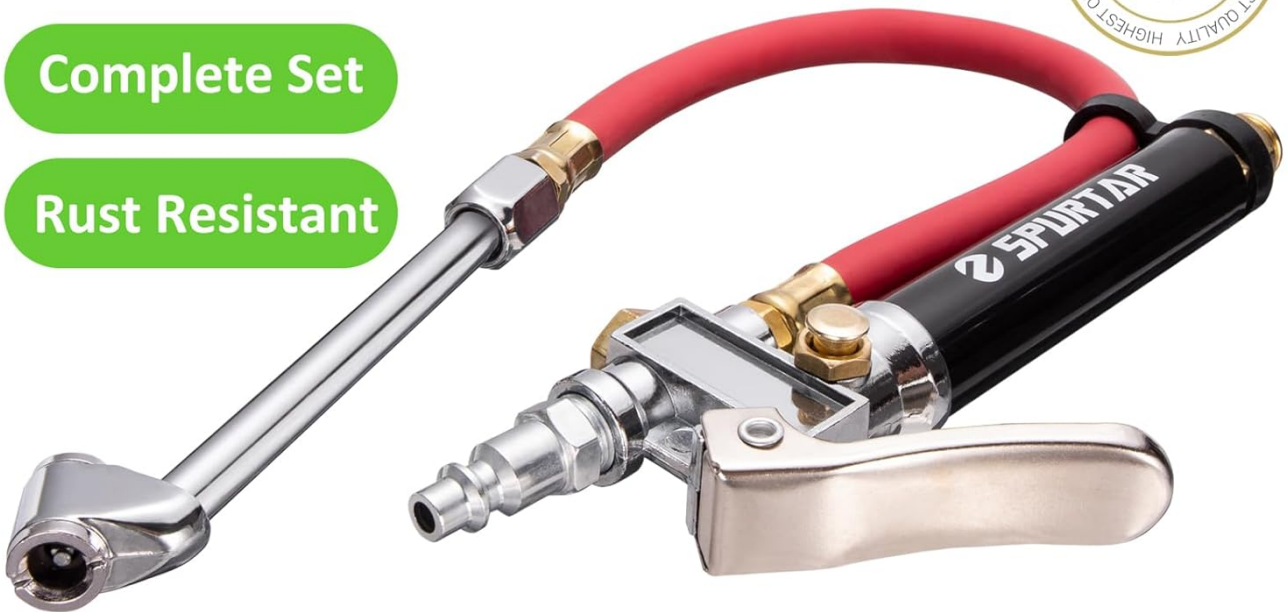
Tire Inflator

with 1/4in Hose Adaptor



Complete Set

Rust Resistant



4x Tire Valve Stem Caps



4x Tire Valve Stem Caps



Thread Seal Tape



4-Way Valve Core Tool



Lock-on Air Chuck



4x Tire Valve Cores



Figure 5.3: Pressing the thumb trigger to inflate the tire.

5.3 Deflating Tires (if over-inflated)

1. If the tire is over-inflated, press the small air bleeder valve button located near the trigger.
2. Air will be released from the tire. Monitor the pressure gauge until the desired pressure is achieved.

Video 5.1: Official video demonstrating the Spurtar Tire Pressure Gauge with Inflator Air Chuck in use on a tractor tire, demonstrating its ease of connection and pressure adjustment features.

6. MAINTENANCE

- Regularly inspect the hose and connections for any signs of wear, cracks, or damage. Replace components as needed.
- Keep the inflator clean and free of dirt, dust, and debris. Wipe with a dry cloth after each use.
- Ensure the valve core tool and spare valve cores are stored securely.

- Do not lubricate the gauge mechanism.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Air leakage from connections	Loose fittings, insufficient thread seal tape, damaged O-rings.	Tighten all connections. Reapply thread seal tape if necessary. Inspect and replace O-rings if damaged.
Inaccurate pressure readings	Gauge malfunction, debris in the valve stem, extreme temperatures.	Ensure the chuck is fully seated on the valve stem. Check against another known accurate gauge. Allow the unit to acclimate to ambient temperature.
Air not flowing into tire	Air compressor off, low compressor pressure, clogged chuck, faulty valve stem.	Verify air compressor operation and pressure. Check for obstructions in the chuck. Inspect tire valve stem for damage.

Video 7.1: User-submitted video demonstrating a potential air leakage issue with the Spurtar Tire Pressure Gauge with Inflator Air Chuck, highlighting a common troubleshooting scenario.

8. SPECIFICATIONS

Feature	Detail
Brand	Spurtar
Model Number	Spurtar
Pressure Range	10-120 PSI (2-lb. increments)
Accuracy Standard	ANSI B40.1 Grade B (2%)
Material	Alloy Steel, Brass, Rubber
Hose Length	13 3/8 inches / 34 cm
Stem Length	5 11/16 inches / 14.5 cm
Air Inlet	1/4" NPT
Item Weight	302 Grams (approx. 10.65 ounces)

9. WARRANTY AND SUPPORT

Spurtar products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Spurtar website. Keep your proof of purchase for any warranty claims.

