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› Milton S-506 Original Service Station Tire Inflator and Air Pressure Gauge, Dual Head Chuck, 1/4" NPT, 15" Rubber Hose, 10-160 PSI Air Hose

Milton S-506

Milton S-506 Original Service Station Tire Inflator and Air Pressure Gauge User Manual

Brand: Milton

INTRODUCTION

The Milton S-506 Original Dual Head Chuck Tire Inflator Gauge is a high-quality, durable pneumatic tool designed for accurate tire pressure management. It is ideal for a wide range of vehicles including cars, trucks, SUVs, bicycles, motor homes, and more. This manual provides essential information on its features, setup, operation, maintenance, and specifications to ensure safe and effective use.



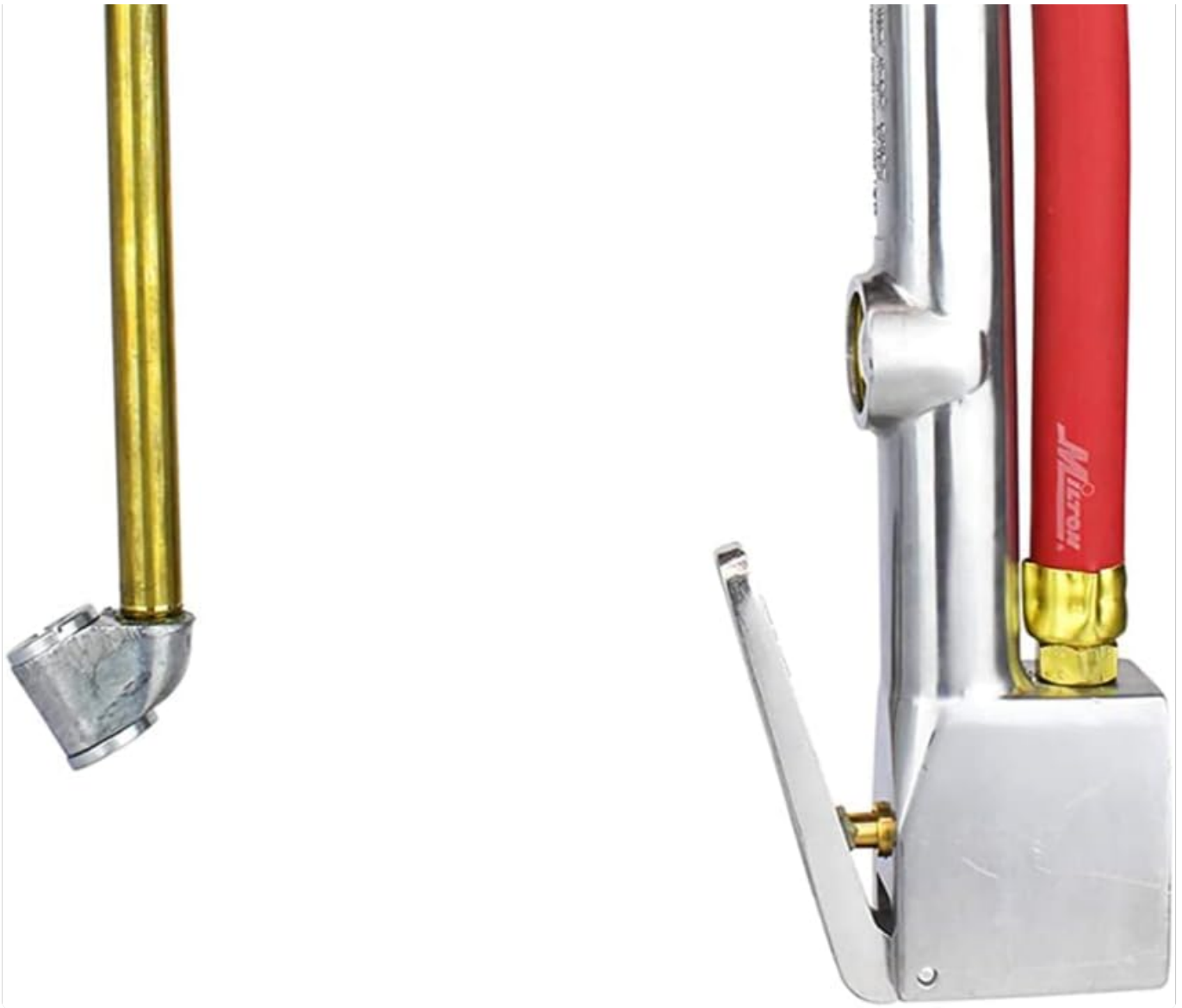


Figure 1: Milton S-506 Original Service Station Tire Inflator and Air Pressure Gauge.

PRODUCT FEATURES

- **Accurate Measurement:** Performance-tested and calibrated, measuring in pounds per square inch (PSI) from 10-160 in 2-lb. increments. Kilopascal (kPa) readings (80-840, 20 kPa increments) are also available via special order.
- **Dual Head Chuck:** Features a dual head chuck for easier access to tire valves, especially in tight spaces.
- **Heavy-Duty Construction:** Built with robust materials for long life, even under extreme use and conditions.
- **Magnifying Window Lens:** Equipped with a magnifying lens for a full and clear view of the pressure scale.
- **Full-Swivel Chuck:** Enhances usability and flexibility during inflation.
- **15-inch Rubber Hose:** Provides ample reach and flexibility.
- **Replaceable Parts:** Both the gauge and valve cartridges are replaceable, extending the product's lifespan.



Figure 2: Key features of the Milton S-506, highlighting the full-swivel chuck, heavy-duty construction, and cast aluminum inflator body.

SETUP

The Milton S-506 tire inflator requires connection to an air compressor. Ensure your air compressor is equipped with a 1/4" NPT air inlet for compatibility. No complex assembly is required for the inflator itself.

1. Ensure your air compressor is turned off and depressurized before connecting.
2. Connect the 1/4" NPT air inlet of the Milton S-506 to the air hose from your compressor. Ensure a secure connection to prevent air leaks.
3. Once connected, you may turn on your air compressor. The inflator is now ready for use.

OPERATING INSTRUCTIONS

The Milton S-506 is designed for straightforward operation to inflate and check tire pressures.

1. Checking Tire Pressure:

Press the dual head chuck firmly onto the tire's Schrader valve. The gauge will display the current tire pressure. Read the pressure directly from the magnifying window lens.



Figure 3: Measuring tire pressure with the Milton S-506.

2. Inflating Tires:

With the chuck attached to the tire valve, squeeze the trigger on the inflator handle to begin inflating. Monitor the pressure gauge as you inflate. Release the trigger once the desired pressure is reached.

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Video 1: Demonstration of inflating a tire using the Milton S-506. This video shows the ease of connecting the dual head chuck and operating the inflator to add air to a tire.

3. Deflating Tires:

To release air, press the small button or lever located near the trigger (if available) or slightly depress the chuck against the valve without fully engaging the inflation trigger. This will allow air to escape, reducing the tire pressure.

Regular maintenance ensures the longevity and accuracy of your Milton S-506 inflator.

- **Cleaning:** Keep the inflator clean and free from dirt and debris. Wipe down the body and hose with a clean cloth after each use.
- **Storage:** Store the inflator in a dry, clean environment away from extreme temperatures and direct sunlight.
- **Replaceable Cartridges:** The gauge and valve cartridges are designed to be replaceable. If you notice a decrease in accuracy or persistent air leaks, consider replacing these components. Contact Milton customer support for genuine replacement parts and instructions.

TROUBLESHOOTING

Here are some common issues and their solutions:

- **Air Escaping Through Off-Side of Dual Head Chuck:**

If air escapes through the unused side of the dual head chuck when connected to a tire's Schrader valve, it typically indicates that the tire has very low or zero air pressure. The self-sealing valve inside the chuck relies on tire pressure to seal the unused side. To resolve this:

- a. Release the trigger and remove the inflator from the Schrader valve.
- b. Point the straight side of the chuck outlet upwards (away from anyone).
- c. Squeeze the trigger to allow air to flow. Gravity will cause the sealing valve to drop.
- d. While air is still flowing, place the chuck end onto the Schrader valve. Air should then flow into the tire.

- **Inaccurate Readings:**

If the gauge provides inconsistent or inaccurate readings, the internal gauge cartridge may need replacement. Ensure the inflator is not dropped or subjected to severe impacts, as this can affect calibration.

- **Air Leaks from Connections:**

Check all connections (air inlet, hose to body, chuck to hose) for tightness. Ensure O-rings or seals are intact and not damaged. Replace if necessary.

SPECIFICATIONS

| Attribute | Detail |
|-----------------------------|-------------------------------|
| Brand | Milton |
| Model | S-506 |
| Material | Alloy Steel |
| PSI Range | 10-160 PSI (2 lb. increments) |
| Hose Length | 15 inches |
| Air Inlet | 1/4" NPT |
| Item Dimensions (L x W x H) | 4.3 x 14.6 x 0.9 inches |
| Item Weight | 1.6 ounces |
| Country of Origin | USA |

WARRANTY & SUPPORT

Specific warranty details are not provided in the product information. For warranty claims, technical support, or to purchase replacement parts, please visit the official Milton Industries website or contact their customer service directly. Maintaining proper tire pressures improves vehicle handling, reduces the risk of tire failure, improves fuel economy, and increases the life of your tires.

You can visit the Milton Store on Amazon: [Milton Store](#)