

VIAIR TLC LITE

VIAIR TLC LITE Portable Automatic Air Compressor Kit User Manual

Model: TLC LITE (00071)

INTRODUCTION

The VIAIR TLC LITE is a compact and high-performance portable air compressor designed for on-the-go tire inflation. It is suitable for both bicycle and vehicle tires, including tubeless bicycle tires and vehicle tires up to size 225/60R18. This kit provides a convenient solution for maintaining optimal tire pressure, ensuring safety and performance.

Key features include:

- High-performance compact lightweight compressor for bike and vehicle tire inflation.
- Effective for seating tubeless tires on MTB, Gravel, and road bikes.
- Inflates vehicle tires up to 225/60R18.
- Includes a Shop-Style Inflator with a 120 PSI Gauge and Protective Rubber Boot.
- Comes with a 30 ft. Inside Braided Polyurethane Coil Hose.
- Features a Fully Rebuildable Presta Head Attachment.
- Powered by a 12V Auxiliary Power Connector (requires 13 amps).
- Maximum Working Pressure: 100 PSI.

PACKAGE CONTENTS

Verify that all components are present in your VIAIR TLC LITE kit:

- VIAIR TLC LITE Portable Automatic Air Compressor
- Shop-Style Inflator with 120 PSI Gauge
- Fully Rebuildable Presta Head Attachment
- 90° Twist-on Schrader Attachment
- 30 ft. Inside Braided Coil Hose
- Deluxe Carry Bag



Image: The VIAIR TLC LITE compressor unit, coiled hose, and shop-style inflator with gauge.



Image: Close-up of the shop-style inflator with a 120 PSI pressure gauge.



Image: The fully rebuildable Presta head attachment.



Image: The 90-degree twist-on Schrader attachment.



Image: The 12V auxiliary power connector (cigarette lighter plug).



Image: The deluxe carry bag for the compressor kit.

SETUP INSTRUCTIONS

1. **Unpack Components:** Remove the compressor, coil hose, inflator, and attachments from the deluxe carry bag.
2. **Connect Coil Hose:** Attach one end of the 30 ft. braided coil hose to the air outlet of the compressor. Ensure a secure connection.
3. **Connect Inflator:** Attach the shop-style inflator with the 120 PSI gauge to the other end of the coil hose.
4. **Select Attachment:** Choose the appropriate attachment for your tire valve:
 - For Presta valves (commonly found on bicycles), use the Fully Rebuildable Presta Head Attachment.
 - For Schrader valves (commonly found on vehicles and some bicycles), use the 90° Twist-on Schrader Attachment.
5. **Power Connection:** Plug the 12V auxiliary power connector into your vehicle's power port. Ensure your vehicle's power port can supply at least 13 amps.

Your browser does not support the video tag.

Video: This video demonstrates the connection process for the VIAIR TLC LITE Portable Air Compressor, showing how to assemble the hose and inflator components.

OPERATING INSTRUCTIONS

General Operation:

1. **Prepare for Inflation:** Ensure the compressor is placed on a stable, flat surface. Connect all components as described in the "Setup Instructions."
2. **Attach to Tire Valve:** Securely attach the appropriate valve attachment (Presta or Schrader) to the tire's valve stem.
3. **Activate Compressor:** Turn on the compressor. The unit will begin to inflate the tire.
4. **Monitor Pressure:** Continuously monitor the tire pressure using the 120 PSI gauge on the shop-style inflator. Inflate to the manufacturer's recommended PSI for your specific tire. The maximum working pressure for the compressor is

100 PSI.

5. **Deactivate Compressor:** Once the desired pressure is reached, turn off the compressor.
6. **Disconnect:** Carefully disconnect the valve attachment from the tire stem.

Inflating Tubeless Bicycle Tires:

The TLC LITE is designed to assist in seating tubeless bicycle tires. The compressor charges the coil hose to 105 PSI, providing a quick blast of air necessary to seat the tire bead.

1. **Prepare Tire:** Ensure the tubeless tire is properly positioned on the rim and sealant has been added if required.
2. **Connect Presta Attachment:** Use the Fully Rebuildable Presta Head Attachment and connect it securely to the Presta valve stem.
3. **Rapid Inflation:** Turn on the compressor. The rapid influx of air should quickly seat the tire bead. Listen for the characteristic "pop" sound.
4. **Adjust Pressure:** Once the bead is seated, continue to inflate to the desired pressure, monitoring the gauge.
5. **Seal Check:** After inflation, check for any air leaks around the tire bead.



Image: A person using the VIAIR TLC LITE to inflate a bicycle tire.



Image: A close-up view of a hand inflating a car tire using the inflator gauge.

MAINTENANCE

To ensure the longevity and optimal performance of your VIAIR TLC LITE compressor, follow these general maintenance guidelines:

- **Cleaning:** Keep the compressor unit and accessories clean and free from dirt and debris. Use a damp cloth to wipe down surfaces. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the compressor kit in its deluxe carry bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Hose Inspection:** Regularly inspect the coil hose for any signs of wear, cracks, or damage. Replace if necessary.
- **Attachment Check:** Ensure all attachments (Presta head, Schrader attachment) are clean and free of obstructions. The Presta head attachment is fully rebuildable, allowing for maintenance or replacement of internal components if needed.
- **Power Cord:** Inspect the 12V auxiliary power connector and cord for any damage before each use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	• Loose power connection. • Vehicle's 12V power port fuse blown. • Insufficient amperage from vehicle power port.	• Ensure the 12V auxiliary power connector is fully inserted into the vehicle's power port. • Check and replace the vehicle's fuse for the 12V power port if blown. • Verify that your vehicle's power port can supply the required 13 amps. Some older or lower-spec vehicles may not provide sufficient power.
Tire bead does not seat on tubeless bicycle tire.	• Improper tire/rim setup. • Insufficient air volume/pressure for initial seating.	• Ensure the tire is correctly positioned on the rim. Apply soapy water to the tire beads to aid seating. • Confirm the Presta attachment is securely connected. The compressor is designed to provide a quick blast of air; ensure it's fully charged before attempting to seat.
Slow inflation or low pressure output.	• Air leak in hose or connections. • Dirty or obstructed valve attachment.	• Check all hose connections for tightness. Inspect the coil hose for damage. • Clean the Presta or Schrader attachment to ensure no debris is blocking airflow.

SPECIFICATIONS

Feature	Detail
Brand	VIAIR
Model Name	TLC LITE Portable Automatic Compressor
Model Number	00071
Voltage	12 Volts
Power Source	Battery Powered (via 12V auxiliary port)

Feature	Detail
Maximum Working Pressure	100 PSI
Maximum Pressure (Hose Charge)	105 PSI
Maximum Current	13 Amps
Maximum Power	156 Watts
Air Flow Capacity	1.3 Cubic Feet Per Minute
Hose Length	30 Feet
Noise Level	74 Decibels
Item Weight	5 Pounds
Item Dimensions (L x W x H)	9.64"L x 4.33"W x 9.68"H
Material Type	Metal
Included Components	30ft. Inside Braided Coil Hose, 90° Twist-on Schrader Attachment, Deluxe Carry Bag, Fully Rebuildable Presta Head Attachment, Shop-Style Inflator with 120 PSI Gauge

WARRANTY INFORMATION

All VIAIR products come with a One Year Manufacturer Defect Warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official VIAIR website or contact customer support.

SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact VIAIR customer support. Visit the official VIAIR website for contact information and additional resources.

Official VIAIR Website: www.viaircorp.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question