

DOLUNTO TXET061

DOLUNTO TXET061 PCP Air Compressor Instruction Manual

Model: TXET061

1. INTRODUCTION

The DOLUNTO TXET061 is a portable, high-pressure PCP air compressor designed for convenience and efficiency. It operates at a working pressure of 300 bar (4500 psi / 30 MPa) and features an oil-free design, built-in fan cooling, and an integrated drain system. Its compact size and lightweight construction make it easy to transport and operate. This manual provides essential information for the safe and effective use of your TXET061 compressor.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before operating the compressor. Failure to follow these instructions may result in serious injury or property damage.

- **Initial Inspection:** Before first use, carefully check the outer packaging and the compressor unit for any signs of damage. Do not operate if damage is observed.
- **Operating Temperature and Time:** The compressor's internal temperature should not exceed 85°C. To prevent overheating, the continuous running time should not exceed 25 minutes. Allow the unit to cool down between cycles.
- **Pressure Limits:** The maximum filling pressure must not exceed 300 Bar (4500 PSI / 30 MPa). Over-pressurizing can lead to dangerous situations.
- **Silicone Oil:** Due to transportation restrictions, the compressor does not include silicone oil. Users must prepare and add appropriate silicone oil before operation as specified in the maintenance section.
- **Leakage Prevention:** When connecting the filter and hose, ensure they are correctly assembled and there are no leaks. A blue filter is typically installed with the filling hose to ensure good air quality.
- **Ventilation:** Operate the compressor in a well-ventilated area to ensure proper cooling and prevent the buildup of heat.
- **Children and Pets:** Keep children and pets away from the compressor during operation.

After receiving the compressor, please note the following:

1. Please check whether the outer packaging and the machine are damaged;
2. The compressor temperature should not exceed 85°C or the running time does not exceed 25 minutes
3. The compressor will install one filter along with the filling hose in order to make good air quality.
4. When connecting the filter and hose, please make sure that the blue filter and hose have been assembled and there is no leakage;
5. Due to transportation restrictions, the compressor does not come with silicone oil, so buyers need to prepare silicone oil by themselves
6. The filling pressure does not exceed 300Bar/4500PSI/30MPA

Figure 2.1: Important operational notes and safety guidelines for the compressor.

3. PACKAGE CONTENTS

Upon opening the package, verify that all the following components are present and undamaged:

- DOLUNTO TXET061 PCP Air Compressor Unit
- Power Cable (220 Volt for this version)
- 12V Jumper Cables (for car battery connection)
- Filling Hose with Filter
- Spare O-rings and Seals
- Filter Elements
- User Manual (this document)



Figure 3.1: Included accessories and components.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your TXET061 compressor:

PRODUCT ANALYSIS

POWERFUL, FULLY COMPATIBLE, BETTER THAN OTHERS

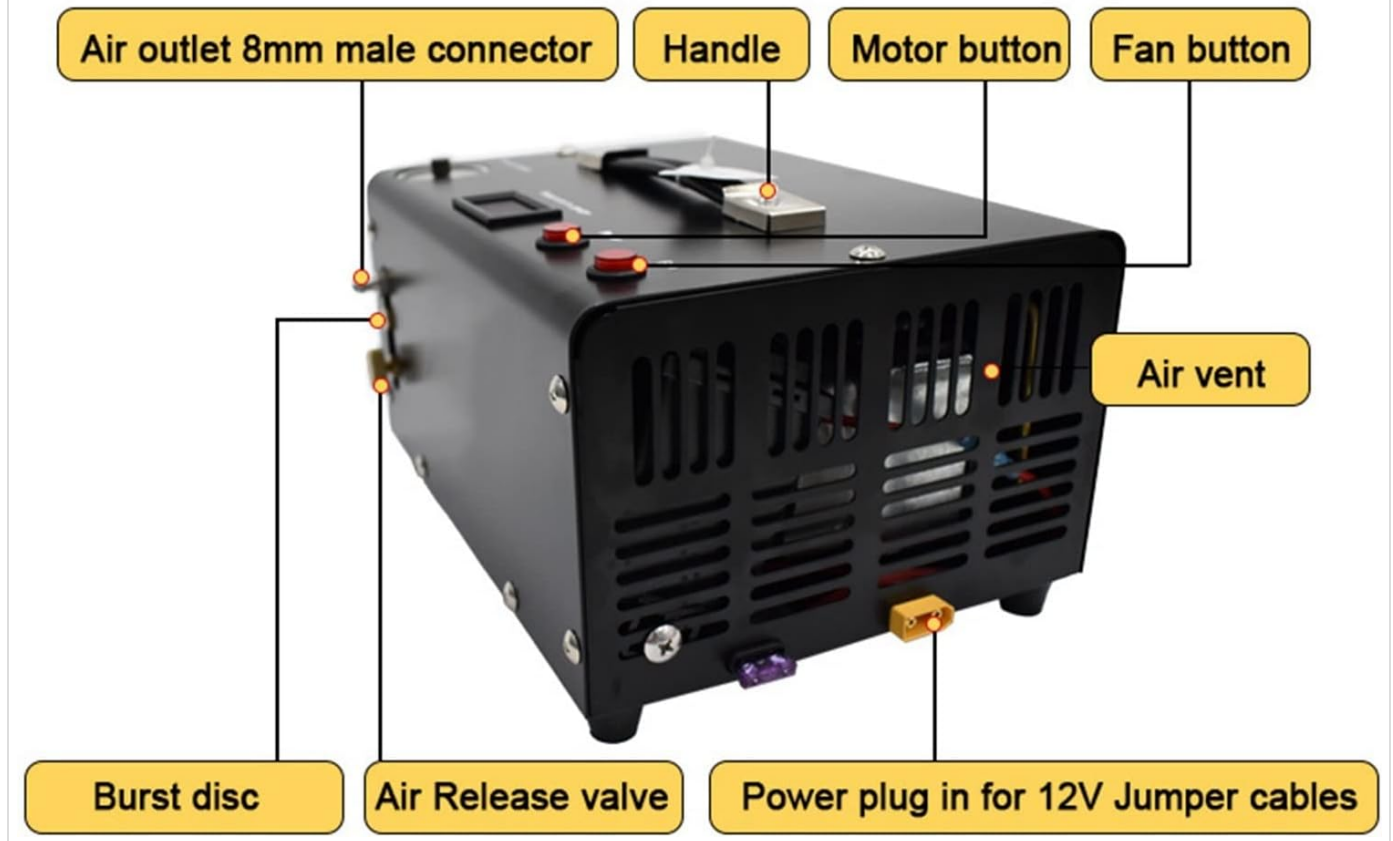


Figure 4.1: Labeled components of the TXET061 compressor.

- **Air Outlet (8mm male connector):** Connects to the filling hose for inflation.
- **Handle:** For easy portability and carrying.
- **Motor Button:** Activates or deactivates the compressor motor.
- **Fan Button:** Controls the cooling fan.
- **Air Vent:** Exhausts hot air from the cooling system.
- **Burst Disc:** A safety device designed to rupture and release pressure if it exceeds a safe limit.
- **Air Release Valve:** Used to release residual pressure from the system after inflation.
- **Power Plug for 12V Jumper Cables:** Input for connecting to a 12V DC power source (e.g., car battery).
- **Pressure Gauge:** Displays the current pressure.

5. SETUP

5.1 Initial Checks

- Ensure the compressor is placed on a stable, flat surface in a well-ventilated area.
- Verify that the compressor unit and all accessories are free from visible damage.

5.2 Power Connection

The TXET061 compressor supports multiple power supply options:

- **Household Power Supply (220V AC):** Connect the provided 220V power cable to the compressor and then to a suitable wall outlet.
- **Car Battery-Driven Power Supply (12V DC):** Use the included 12V jumper cables. Connect the red clamp to the positive (+) terminal of your car battery and the black clamp to the negative (-) terminal. Then, plug the other end into the 12V power plug on the compressor.

SUPPORT MANY VOLTAGES POWER SUPPLY

220V/110/12V Portable convenience



**Household power
supply**



**Car-battery- driven power
supply**

Figure 5.1: Power supply connection options.

5.3 Hose and Filter Connection

- Attach the filling hose to the 8mm male air outlet connector on the compressor. Ensure a secure connection.
- The compressor is designed to install a filter along with the filling hose to ensure good air quality. Ensure the blue filter (if applicable) and hose are correctly assembled.
- Connect the other end of the filling hose to the device you intend to inflate.
- Before starting, double-check all connections for tightness to prevent any air leakage.

6. OPERATING INSTRUCTIONS

6.1 General Version Operation

The General Version of the TXET061 compressor requires manual monitoring and shutdown:

1. Ensure all connections (power, hose, device to be inflated) are secure.
2. Press the Fan Button to start the cooling fan. This should always be running during operation.
3. Press the Motor Button to start the compressor.
4. Monitor the pressure gauge closely.
5. Once the desired pressure is reached, or the maximum pressure of 300 Bar (4500 PSI / 30 MPa) is approached, immediately press the Motor Button to turn off the compressor.
6. Allow the fan to run for a few minutes after the motor stops to aid in cooling down the unit.
7. Slowly open the Air Release Valve to depressurize the system before disconnecting the hose.

6.2 Cooling and Drainage System

The TXET061 features a built-in fan cooling system and an integrated drain system. The spiral tube design enhances heat dissipation, supported by high-speed wind power from the fan, which is protected by a cover. The built-in drain system effectively separates oil-water and impurities, ensuring clean and sanitary operation without the need for an external water pump for cooling.

7. MAINTENANCE

7.1 Silicone Oil

The compressor requires silicone oil for proper lubrication and operation. As it is not included due to transportation restrictions, you must prepare and add suitable silicone oil before initial use and as part of regular maintenance. Refer to the product's specific oil requirements for type and quantity.

7.2 Filter Maintenance

The compressor utilizes a filter with the filling hose to ensure good air quality. Regularly inspect and replace the filter elements as needed to maintain optimal performance and prevent contamination. Ensure the filter and hose connections are always secure and leak-free.

7.3 General Care

Keep the compressor clean and free from dust and debris. Store it in a dry, cool place when not in use. Avoid exposing the unit to extreme temperatures or moisture.

8. TROUBLESHOOTING

This section provides general guidance for common issues. For more complex problems, contact customer support.

- **Compressor Does Not Start:** Check all power connections. Ensure the power source is active and providing the correct voltage (12V or 220V). Verify that the motor button is pressed.
- **Low Pressure Output:** Check for leaks in the hose and connections. Ensure the air release valve is fully closed. Verify that the filter is not clogged.
- **Overheating:** Ensure the fan is running. Do not exceed the recommended continuous running time of 25 minutes. Operate in a well-ventilated area.
- **Unusual Noise:** Immediately stop the compressor. Check for any loose parts or obstructions. Do not resume operation until the cause is identified and resolved.

9. SPECIFICATIONS

Feature	Specification
Brand	DOLUNTO
Model Name	TXET061
Working Pressure	300 Bar / 4500 PSI / 30 MPa
Voltage	12 Volts (DC), 220 Volts (AC)
Power Source	Electric, Corded Electric
Special Feature	Lightweight, Portable, Oil-Free, Built-in Fan Cooling, Built-in Drain System
Included Components	Pressure Gauge, Filling Hose, Power Cables
Style	Portable
ASIN	B0B4MMSCYK

10. WARRANTY AND SUPPORT

Specific warranty information for the DOLUNTO TXET061 PCP Air Compressor is not provided within this manual. For details regarding warranty coverage, technical support, or service, please refer to the product packaging, contact the retailer from whom you purchased the product, or visit the official DOLUNTO website.

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