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TOTAL 16L Backpack Pressure Sprayer Instruction Manual

Model: THSPP41602

1. INTRODUCTION

Thank you for choosing the TOTAL 16L Backpack Pressure Sprayer, Model THSPP41602. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new sprayer. Please read these instructions carefully before use and retain them for future reference.

This 16-liter backpack sprayer features a Y-trigger with a fiberglass lance, delivering a pressure of 4.5 bar. It includes an adjustable nozzle capable of producing both a jet and a mist spray. The tank is specifically designed for spraying larger areas, and the comfortable padded shoulder straps ensure ease of use during extended periods.



Figure 1: TOTAL 16L Backpack Pressure Sprayer (Model THSPP41602)

This image displays the complete TOTAL 16L Backpack Pressure Sprayer, highlighting its ergonomic design and key components such as the tank, pump handle, and spray lance.

2. SAFETY WARNINGS

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always keep the safety valve in good working condition. Regularly inspect it for blockages or damage.
- Follow all usage and maintenance instructions provided in this manual to prevent pressure-related injuries.
- Do not expose the product to extreme temperatures, direct sunlight for prolonged periods, or freezing conditions.
- Keep the product out of reach of children and pets at all times.
- In case of contact with skin or eyes, rinse the affected area thoroughly with water. Consult a medical professional if irritation persists.
- **Never mix different chemicals in the tank.** This can lead to dangerous reactions, chemical damage to the sprayer, or ineffective application.
- Always wear appropriate personal protective equipment (PPE) such as gloves, eye protection, and a mask when handling chemicals and operating the sprayer.
- Dispose of any unused chemicals and the product itself in accordance with local waste disposal regulations and environmental guidelines.
- Do not modify the sprayer in any way. Use only original TOTAL replacement parts.
- Ensure the tank cap is securely tightened before pressurizing and operating the sprayer.

3. PRODUCT COMPONENTS

Familiarize yourself with the main components of your TOTAL Backpack Pressure Sprayer:

- **Tank:** 16-liter capacity for liquid solutions.
- **Pump Assembly:** Generates pressure within the tank.
- **Safety Valve:** Releases excess pressure to prevent over-pressurization.
- **Padded Shoulder Straps:** For comfortable carrying.
- **Hose:** Connects the tank to the lance.
- **Fiberglass Lance:** Durable spray wand.
- **Y-Trigger Handle:** Controls the spray flow.
- **Adjustable Nozzle:** Allows selection between jet and mist spray patterns.



Figure 2: Adjustable Nozzle

This image shows a close-up of the adjustable nozzle, which can be rotated to change the spray pattern from a fine mist to a direct jet.



Figure 3: Y-Trigger Handle

This image details the Y-trigger handle, which allows for comfortable and controlled activation of the spray function.



Figure 4: Integrated Carry Handle

This image highlights the integrated handle on top of the tank, designed for easy lifting and transport of the sprayer.

4. SETUP AND ASSEMBLY

The TOTAL Backpack Pressure Sprayer requires minimal assembly. Follow these steps:

- 1. Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the packaging are present.
- 2. Attach Hose:** Connect the spray hose to the tank outlet and the lance handle. Ensure connections are tight to prevent leaks.
- 3. Assemble Lance:** Securely attach the fiberglass lance to the Y-trigger handle.
- 4. Attach Nozzle:** Screw the adjustable nozzle onto the end of the lance.
- 5. Adjust Shoulder Straps:** Adjust the padded shoulder straps to a comfortable length for carrying the sprayer on your back.



Figure 5: Sprayer in Packaging

This image shows the TOTAL 16L Backpack Pressure Sprayer as it appears in its retail packaging, indicating the components included.

5. OPERATING INSTRUCTIONS

- 1. Prepare Solution:** Mix your desired liquid solution (water, fertilizer, herbicide, etc.) according to the manufacturer's instructions in a separate container.
- 2. Fill Tank:** Unscrew the tank cap and carefully pour the prepared solution into the 16-liter tank. Do not overfill.
- 3. Secure Cap:** Tightly screw the tank cap back on to ensure a proper seal.
- 4. Pressurize Sprayer:** Place the sprayer on your back using the shoulder straps. Operate the pump handle repeatedly to build pressure inside the tank. You will feel resistance as pressure builds.
- 5. Adjust Nozzle:** Rotate the adjustable nozzle to select your desired spray pattern (jet for targeted application, mist for broader coverage).
- 6. Begin Spraying:** Aim the lance at the target area and press the Y-trigger handle to release the spray. Maintain consistent pumping to sustain pressure during operation.
- 7. Depressurize:** After use, or if you need to open the tank, always depressurize the sprayer by pulling the safety valve until all air escapes.
- 8. Empty and Clean:** Empty any remaining solution and thoroughly clean the tank, hose, and lance as described in the Maintenance section.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sprayer.

- **After Each Use:**

- Empty any remaining solution from the tank.
- Rinse the tank thoroughly with clean water. Pump clean water through the hose and lance until all chemical residue is flushed out.
- Clean the nozzle to prevent blockages. If necessary, disassemble and clean with a small brush.
- Wipe down the exterior of the sprayer with a damp cloth.

- **Periodic Maintenance:**

- Inspect all seals and O-rings for wear or damage. Replace if necessary to prevent leaks.
- Check the hose for cracks or kinks.
- Ensure the safety valve operates freely.
- Lubricate moving parts of the pump assembly with silicone grease if needed.

- **Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Ensure it is depressurized and clean before storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No pressure or low pressure	Tank cap not sealed; Worn pump seals; Clogged nozzle; Safety valve stuck open.	Tighten tank cap; Inspect and replace pump seals; Clean nozzle; Check and free safety valve.
Leaking from connections	Loose connections; Damaged O-rings or seals.	Tighten all connections; Inspect and replace O-rings/seals.
No spray or inconsistent spray	Clogged nozzle; Clogged filter in tank; Insufficient pressure.	Clean nozzle; Clean tank filter; Pump more to build pressure.

8. SPECIFICATIONS

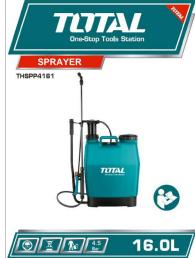
- Model:** THSPP41602
- Brand:** TOTAL
- Tank Volume:** 16 Liters
- Operating Pressure:** 4.5 bar
- Lance Material:** Fiberglass
- Power Source:** Hand-powered
- Product Dimensions (L x W x H):** 40 x 40 x 55 cm
- Item Weight:** 2.5 Kilograms
- Materials:** Plastic, Metal, Fiberglass
- Recommended Uses:** Watering, Pest Control, Weed Control
- Spare Parts Availability:** 10 Years

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official TOTAL Tools website. Keep your proof of purchase for any warranty claims.

TOTAL is committed to providing high-quality tools and equipment. If you encounter any issues not covered in this manual, please contact TOTAL customer service for assistance.

Related Documents - THSPP41602

 <p>16L 20L</p>	<p><u>Total Knapsack Sprayer THSPP41602, THSPP42002 User Manual</u></p> <p>This manual provides operating, safety, cleaning, and troubleshooting instructions for the Total Knapsack Sprayer models THSPP41602 and THSPP42002.</p>
 <p>16.0L</p>	<p><u>TOTAL THSPP4161 16.0L Pressure Sprayer - User Manual & Safety Instructions</u></p> <p>Comprehensive user manual and safety instructions for the TOTAL THSPP4161 16.0L pressure sprayer. Learn about setup, operation, cleaning, storage, and troubleshooting.</p>
 <p>TOTAL One-Stop Tools Station AIR SPRAY GUN TAT10401</p>	<p><u>TOTAL Air Spray Gun TAT10401: Specifications, Operation, and Safety Manual</u></p> <p>Official product manual for the TOTAL Air Spray Gun TAT10401, detailing technical specifications, safety guidelines, operating procedures, and maintenance instructions. Essential reading for users.</p>
 <p>1800W</p>	<p><u>Total 1800W Pressure Washer: User Manual and Safety Guide</u></p> <p>Comprehensive user manual for the Total 1800W pressure washer, covering safety instructions, operation, maintenance, and troubleshooting. Learn how to use your Total pressure cleaner safely and effectively.</p>
 <p>АВТОМАТИЧЕН ПРЕСОСТАТ РЪКОВОДСТВО TWPS101 UTWPS101 TWPS1012 TWPS102 UTWPS102 Пълноделчест инструкция за изпълнение</p>	<p><u>TOTAL Automatic Pressure Switch User Manual for TWPS101, UTWPS101, TWPS1012, TWPS102, UTWPS102</u></p> <p>This user manual provides comprehensive information for TOTAL automatic pressure switches, including safety guidelines, installation instructions, operating procedures, technical specifications, and troubleshooting tips for models TWPS101, UTWPS101, TWPS1012, TWPS102, and UTWPS102.</p>
 <p>350W</p>	<p><u>TOTAL TG103512, UTG103512 Grass Trimmer User Manual & Safety Guide</u></p> <p>Comprehensive guide for TOTAL Grass Trimmer models TG103512 and UTG103512, covering safety instructions, technical specifications, parts list, and assembly details. Learn how to safely operate and maintain your TOTAL grass trimmer.</p>

