

## Unknown B014RDAPJQ

# Tornado BD 14/4 Compact Cordless Automatic Scrubber User Manual

Model: B014RDAPJQ

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Tornado BD 14/4 Compact Cordless Automatic Scrubber. Please read this manual thoroughly before operating the machine.

The Tornado BD 14/4 is designed for compact automatic scrubbing, featuring eco-friendly AGM battery operation. It offers incredible water recovery, even on 180-degree turns, thanks to its parabolic squeegee. The unit includes an on-board battery charger and a 14-inch cleaning path, capable of cleaning up to 11,300 square feet per hour.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury.

- Read all instructions before operating the machine.
- Do not operate the machine if it is damaged or not functioning properly.
- Ensure the area is well-ventilated during operation and charging.
- Keep hands, feet, and loose clothing away from moving parts.
- Use only manufacturer-recommended attachments and replacement parts.
- Disconnect power before performing any maintenance or cleaning.
- Store the machine in a dry, secure location when not in use.

## 3. COMPONENTS AND FEATURES



**Figure 3.1:** Overview of the Tornado BD 14/4 Compact Cordless Automatic Scrubber. This image displays the complete unit, highlighting its yellow and black body, the handle, wheels, and the scrubbing brush at the front. The "Tornado" logo is visible on the side.

The Tornado BD 14/4 includes the following key components:

- **Scrub Brush:** 14-inch cleaning path for effective scrubbing.
- **Parabolic Squeegee:** Ensures excellent water recovery, even during turns.
- **Solution Tank:** Holds cleaning solution.
- **Recovery Tank:** Collects dirty water.
- **Control Panel:** For operating the machine.
- **Handle:** Ergonomic design for user comfort and control.
- **Wheels:** For mobility.
- **On-board Battery Charger:** For convenient charging of the AGM batteries.

## 4. SETUP

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- Unpacking:** Carefully remove the scrubber from its packaging. Inspect for any shipping damage. Report any damage to your supplier immediately.
- Handle Assembly:** Attach the handle securely to the main unit following the instructions provided in the assembly diagram (not included in this text, but implied for a full manual). Ensure all bolts are tightened.
- Battery Charging:** Before first use, fully charge the AGM batteries using the on-board charger. Connect the charger to a standard electrical outlet. The charging indicator will show when charging is complete. Refer to the "Battery Charging" section for detailed instructions.
- Fill Solution Tank:** Open the solution tank cap and fill with appropriate cleaning solution and water according to the manufacturer's recommendations. Do not overfill.

## 5. OPERATING INSTRUCTIONS

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- Pre-Operation Check:** Ensure the solution tank is filled, the recovery tank is empty, and the squeegee assembly is properly attached and clean. Check that the brush is securely mounted.
- Start Machine:** Turn the main power switch to the "ON" position.
- Engage Brush and Solution:** Lower the brush deck and engage the brush motor. Activate the solution flow.
- Begin Scrubbing:** Push the machine forward at a steady pace. The machine will dispense solution, scrub the floor, and recover the dirty water simultaneously.
- Maneuvering:** The parabolic squeegee allows for excellent water recovery even during 180-degree turns. Adjust your speed and turning radius as needed for optimal cleaning.
- Stop Machine:** To stop, disengage the brush and solution flow, then turn the main power switch to "OFF".
- Empty Recovery Tank:** After each use, or when full, empty the recovery tank. Rinse the tank thoroughly.

## 6. MAINTENANCE

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Regular maintenance is crucial for the longevity and performance of your scrubber.

- **Daily Maintenance:**

- Empty and rinse the recovery tank.
- Clean the squeegee blades and check for wear.
- Rinse the brush and check for debris.
- Wipe down the exterior of the machine.
- Recharge batteries after each use.

- **Weekly Maintenance:**

- Inspect battery terminals for corrosion.
- Check all hoses and connections for leaks.
- Clean the solution filter.

- **Monthly Maintenance:**

- Inspect the brush for wear and replace if necessary.
- Check wheel condition.
- Perform a deep clean of both tanks.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not start	Battery not charged; Power switch off; Loose connection	Charge battery; Turn power switch on; Check connections
Poor water recovery	Squeegee blades worn or dirty; Recovery tank full; Vacuum hose clogged	Clean/replace squeegee blades; Empty recovery tank; Clear vacuum hose
No solution flow	Solution tank empty; Solution filter clogged; Solution hose kinked	Fill solution tank; Clean solution filter; Straighten hose

## 8. SPECIFICATIONS

- Model:** B014RDAPJQ
- Cleaning Path:** 14 inches
- Cleaning Capacity:** 11,300 square feet per hour
- Battery Type:** AGM (Eco-friendly)
- Runtime:** Approximately 1 hour and 10 minutes
- Included Components:** Brush, Batteries, Charger
- Filter Type:** Foam/Cloth
- Cordless:** Yes
- Color:** Yellow
- Item Weight:** 160 pounds
- Indoor/Outdoor Usage:** Outdoor

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact your authorized Tornado dealer or the manufacturer directly. Keep your purchase receipt and model number (B014RDAPJQ) readily available for all inquiries.

Regular maintenance as outlined in this manual will help ensure your product performs optimally and remains within warranty guidelines.