

# Tennant B7 Parts Manual



**T20**  
(Diesel)

Rider Scrubber  
Operator Manual



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Rev. 09 (04-2011)



Tennant B7 Parts Manual is an essential resource for operators and maintenance professionals who work with this versatile scrubber-dryer. The Tennant B7 is designed for efficient cleaning in various environments, including warehouses, shopping malls, and other large areas. Understanding the components outlined in the parts manual not only aids in the maintenance of the machine but also enhances its longevity and performance. This article will delve into the importance of the Tennant B7 parts manual, its key components, maintenance tips, and troubleshooting common issues.

## Importance of the Tennant B7 Parts Manual

The Tennant B7 Parts Manual serves several critical purposes:

1. **Detailed Component Information:** The manual provides comprehensive details about each part of the scrubber-dryer, including specifications, part numbers, and diagrams.
2. **Maintenance Guidance:** Regular maintenance can prevent costly repairs and downtime. The manual outlines recommended maintenance schedules and procedures.
3. **Troubleshooting:** The manual helps operators identify and resolve common issues, which can be invaluable for ensuring the machine operates efficiently.
4. **Ordering Parts:** Knowing the correct part numbers allows for quick and accurate ordering, which is crucial for keeping the machine operational.
5. **Safety Information:** The manual includes safety protocols that must be followed during operation and maintenance, ensuring the safety of personnel and equipment.

## **Key Components of the Tennant B7**

Understanding the key components of the Tennant B7 is vital for effective operation and maintenance. Below are the main components typically covered in the Tennant B7 Parts Manual:

### **1. Cleaning System**

- **Scrub Deck:** The scrub deck houses the brushes and is responsible for scrubbing the floor.
- **Brush Motors:** These motors drive the brushes, providing the necessary force for cleaning.
- **Solution Tanks:** The solution tank holds the cleaning solution, while the recovery tank collects dirty water.

### **2. Drive System**

- **Transaxle:** This component transfers power from the motor to the wheels, enabling movement.
- **Drive Motors:** These motors provide the necessary torque to propel the machine.

### **3. Electrical System**

- Control Panel: The control panel allows operators to control the machine's various functions, including speed and cleaning mode.
- Batteries: The Tennant B7 is battery-operated, and understanding battery specifications is crucial for maintenance.

## **4. Vacuum System**

- Vacuum Motors: These motors create suction to remove dirty water from the floor.
- Squeegees: The squeegees collect the dirty water and direct it into the recovery tank.

## **Maintenance Tips for the Tennant B7**

Proper maintenance is essential for the longevity of the Tennant B7. Here are some maintenance tips to consider:

### **1. Regular Inspection**

- Inspect the scrub deck for wear and tear.
- Check the condition of the brushes and replace them if they are worn down.
- Examine the vacuum squeegees for damage; replace if necessary.

### **2. Cleaning Solution and Recovery Tanks**

- Regularly clean the solution tank to prevent the buildup of residues.
- Empty and clean the recovery tank after each use to avoid odor and contamination.

### **3. Battery Maintenance**

- Check battery fluid levels regularly and top up with distilled water as needed.
- Ensure that battery terminals are clean and corrosion-free.

### **4. Electrical System Checks**

- Inspect wiring for frays or damage.
- Ensure the control panel is functioning correctly; replace any faulty

switches or indicators.

## **5. Follow Manufacturer Guidelines**

- Always refer to the Tennant B7 Parts Manual for specific maintenance schedules and procedures recommended by the manufacturer.

## **Troubleshooting Common Issues**

Even with regular maintenance, issues may arise with the Tennant B7. Here are some common problems and troubleshooting tips:

### **1. Machine Won't Start**

- Check Battery Charge: Ensure that the batteries are fully charged. If they are low, recharge them.
- Inspect Fuses: Check for blown fuses in the electrical system; replace as needed.

### **2. Insufficient Cleaning Performance**

- Brush Wear: Inspect the brushes for wear; replace if necessary.
- Solution Flow: Ensure that the solution tank is filled and that there are no clogs in the solution line.

### **3. Poor Suction**

- Vacuum Filter: Check and clean or replace the vacuum filter to ensure efficient suction.
- Squeegee Condition: Inspect the squeegee for wear or damage; replace if needed.

### **4. Leaking Water**

- **Tank Seals:** Inspect the seals on the solution and recovery tanks for damage or wear.
- **Hoses:** Check for cracks or leaks in hoses and replace them as necessary.

## **Ordering Parts for the Tennant B7**

When it comes time to replace parts, having the right information is crucial for quick and efficient ordering. Here are some tips for ordering parts using the Tennant B7 Parts Manual:

- 1. Identify Part Numbers:** Use the manual to find the specific part numbers for the components you need.
- 2. Contact Authorized Dealers:** Reach out to Tennant's authorized dealers or service centers for genuine parts.
- 3. Online Ordering:** Many parts can be ordered online through Tennant's official website or other reputable suppliers.
- 4. Keep Records:** Maintain a log of parts replaced along with dates to help in future maintenance planning.

## **Conclusion**

The Tennant B7 Parts Manual is a critical tool for anyone involved in the operation and maintenance of this powerful scrubber-dryer. By understanding its components, following proper maintenance procedures, and being prepared to troubleshoot common issues, operators can enhance the performance and longevity of their machine. Regular reference to the parts manual ensures that any repairs or replacements are done correctly, keeping the Tennant B7 running smoothly and efficiently for years to come.

## Frequently Asked Questions

What is the purpose of the Tennant B7 parts manual?

The Tennant B7 parts manual provides detailed information about the components and parts of the B7 floor scrubber, including diagrams, part numbers, and assembly instructions to assist with maintenance and repairs.

Where can I find the Tennant B7 parts manual?

The Tennant B7 parts manual can typically be found on the official Tennant website under the support or resources section, or it may be available through authorized Tennant distributors and service centers.

Does the Tennant B7 parts manual include troubleshooting guides?

Yes, the Tennant B7 parts manual often includes troubleshooting guides that help users identify and resolve common issues related to the machine's components.

How do I read the diagrams in the Tennant B7 parts manual?

The diagrams in the Tennant B7 parts manual are labeled with part numbers and descriptions; users should refer to the accompanying parts list to identify specific components and their functions.

Is the Tennant B7 parts manual available in digital format?

Yes, the Tennant B7 parts manual is usually available in PDF format for easy access and can be downloaded from the Tennant website or requested from customer support.

What should I do if I can't find a specific part in the Tennant B7 parts manual?

If you can't find a specific part in the Tennant B7 parts manual, it's advisable to contact Tennant customer service or a local distributor for assistance in identifying and ordering the part.

Can the Tennant B7 parts manual help with installation of new parts?

Yes, the Tennant B7 parts manual includes installation instructions for various parts, which can guide users through the process of replacing or installing new components safely and effectively.

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**"Find the complete Tennant B7 parts manual for easy maintenance and repairs. Discover how to optimize your equipment's performance today!"**

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