

tennant t350 service manual

Tennant T350 Service Manual is an essential resource for operators and maintenance personnel working with the Tennant T350 floor scrubber. This manual is designed to provide comprehensive information on the machine's operation, maintenance, troubleshooting, and repair procedures. Understanding how to utilize the service manual effectively can significantly extend the lifespan of the equipment and ensure optimal performance. In this article, we will delve into the structure, critical components, and maintenance tips associated with the Tennant T350.

Overview of the Tennant T350 Floor Scrubber

The Tennant T350 is a walk-behind scrubber designed for cleaning medium to large areas efficiently. It features advanced technology that enables effective cleaning while reducing water and detergent usage. The T350 is known for its durability, ease of use, and the ability to adapt to various floor types, making it an ideal choice for commercial and industrial applications.

Key Features of the Tennant T350

The Tennant T350 is equipped with several notable features, including:

- **Scrubbing Width:** This machine comes with a scrubbing width of 20 inches, allowing it to cover ground quickly while maintaining a high level of cleanliness.
- **Solution and Recovery Tanks:** The T350 is fitted with large tanks that minimize the need for frequent emptying and refilling, enhancing productivity.
- **Adjustable Cleaning Pressure:** Operators can adjust the cleaning pressure based on the surface type, ensuring effective cleaning without damage.
- **Intuitive Control Panel:** The user-friendly control panel simplifies operation, allowing even inexperienced operators to use the machine effectively.

The Importance of the Service Manual

The Tennant T350 service manual serves several crucial purposes:

1. **Guidance on Operation:** It provides step-by-step instructions on how to operate the machine safely and effectively.
2. **Maintenance Procedures:** Regular maintenance is vital for optimal

performance. The manual outlines routine maintenance tasks, schedules, and procedures.

3. Troubleshooting: If issues arise, the manual contains troubleshooting guidelines to help diagnose and resolve common problems.

4. Repair Instructions: For more significant repairs, the manual offers detailed instructions to ensure that repairs are performed correctly and safely.

Structure of the Service Manual

The service manual is typically organized into several sections, each addressing different aspects of the T350:

- Introduction: Overview of the machine, including specifications and intended use.
- Safety Information: Essential safety precautions and operational guidelines to prevent accidents and injuries.
- Operation Instructions: Detailed instructions for operating the machine, including controls and settings.
- Maintenance Schedule: Recommended maintenance tasks, intervals, and procedures to keep the machine in top condition.
- Troubleshooting Guide: Common problems, symptoms, and solutions to assist users in diagnosing issues.
- Parts List and Diagrams: Detailed diagrams and lists of parts to facilitate repairs and replacements.

Regular Maintenance Tasks

Proper maintenance of the Tennant T350 is vital for its longevity and performance. Here are some essential maintenance tasks to consider:

• Daily Maintenance

1. Check the solution and recovery tanks for leaks or damage.
2. Inspect the scrub brushes for wear and replace if necessary.
3. Empty the recovery tank and clean the filters.
4. Inspect the squeegee for wear and ensure it is clean.

• Weekly Maintenance

1. Check the battery charge and clean the terminals.

2. Inspect the scrub head and ensure it is properly adjusted.
3. Check all hoses and connections for leaks or wear.

- **Monthly Maintenance**

1. Check the operation of all controls and indicators.
2. Inspect the wheels and casters for wear and tear.
3. Lubricate moving parts as specified in the manual.

Common Troubleshooting Scenarios

Even with regular maintenance, issues may arise. Here are some common problems and their solutions:

- **Machine Won't Start**

- Check the battery charge and connections.
- Inspect the fuse and replace if blown.
- Verify that the emergency stop switch is disengaged.

- **Inadequate Cleaning Performance**

- Check the scrub brushes for wear.
- Ensure that the solution tank is filled and the solution line is clear.
- Adjust the cleaning pressure as needed.

- **Water Leaking from the Machine**

- Inspect the recovery tank for cracks or damage.

- Check hoses and connections for leaks.
- Ensure that all caps and lids are securely fastened.

Safety Precautions

Safety is paramount when operating any cleaning equipment, including the Tennant T350. Here are some critical safety precautions to follow:

- Always read the operator's manual before using the machine.
- Wear appropriate personal protective equipment (PPE), such as gloves and non-slip footwear.
- Ensure that the area to be cleaned is clear of obstacles and hazards.
- Do not operate the machine on wet or slippery surfaces unless specifically designed to do so.
- Always follow lockout/tagout procedures during maintenance or repair work.

Conclusion

The **Tennant T350 service manual** is an invaluable tool for anyone involved in the operation and maintenance of this efficient floor scrubber. By understanding the structure of the manual and following the recommended procedures for operation, maintenance, and troubleshooting, users can ensure that their T350 remains in excellent working condition for years to come. Regular maintenance not only enhances the machine's performance but also contributes to a safer working environment. Always keep the service manual handy to guide you through any challenges you might encounter with your Tennant T350.

Frequently Asked Questions

What is the purpose of the Tennant T350 service manual?

The Tennant T350 service manual provides detailed information on the operation, maintenance, and repair procedures for the Tennant T350 floor scrubber, ensuring optimal performance and longevity of the equipment.

Where can I find the Tennant T350 service manual?

The Tennant T350 service manual can typically be found on the official Tennant website under the support or resources section, or it may be available through authorized Tennant dealers.

Does the Tennant T350 service manual include troubleshooting tips?

Yes, the Tennant T350 service manual includes a section on troubleshooting that outlines common issues, potential causes, and recommended solutions to help users diagnose and fix problems.

Is the Tennant T350 service manual available in digital format?

Yes, the Tennant T350 service manual is often available in PDF format for easy digital access and can be downloaded from the Tennant website or requested from customer support.

What maintenance tasks are covered in the Tennant T350 service manual?

The Tennant T350 service manual covers various maintenance tasks including battery care, brush and pad replacement, filter cleaning, and regular inspection procedures to keep the machine functioning properly.

Can I perform repairs on the Tennant T350 without a service manual?

While some basic maintenance can be performed without a service manual, it is highly recommended to consult the service manual for detailed repair instructions to avoid damaging the equipment.

How often should I consult the Tennant T350 service manual?

It's advisable to consult the Tennant T350 service manual regularly, especially before performing maintenance, troubleshooting issues, or when preparing for scheduled service checks.

Are there any safety precautions mentioned in the Tennant T350 service manual?

Yes, the Tennant T350 service manual includes important safety precautions that users should follow to ensure safe operation and maintenance of the machine, such as using personal protective equipment and following

lockout/tagout procedures.

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