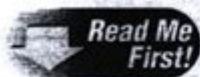


Troy Bilt Chipper Vac 8hp 47287 Manual

Section

3 Features and Controls



Learn the location of the features and controls on your machine before starting the engine. For detailed step-by-step operating instructions, refer to "Section 4: Operation."



DANGER

ROTATING CUTTING BLADES WILL CAUSE SERIOUS INJURY!

Do not allow hands or any other part of the body or clothing inside the vacuum inlet, chipper chute, or discharge deflector chute when engine is running.

Before inspecting or servicing any part of the machine, shut off engine, wait for all parts to stop moving, and disconnect spark plug wire. Remove Key/Tool from key switch.

NOTE: All references to left, right, front and rear of the machine are determined by standing behind the handlebars and facing the direction of forward travel.

FEATURES AND CONTROLS IDENTIFICATION

Figure 3-1 below and Figure 3-2 on Page 15 identify key features and controls on the machine.

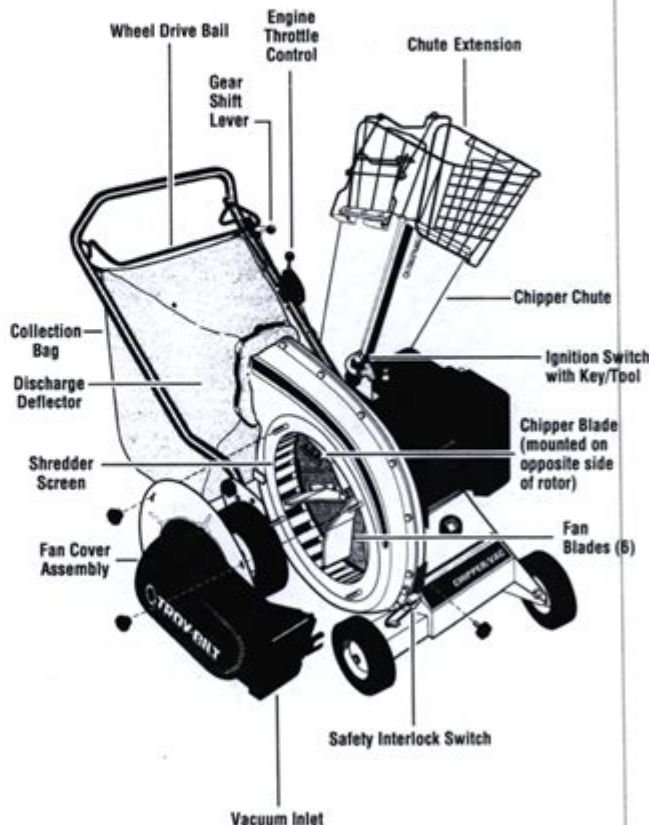


Figure 3-1: Vacuuming attachment removed from vacuum inlet for clarity.

Troy Bilt Chipper Vac 8hp 47287 Manual is an essential resource for users of this powerful outdoor equipment. The Troy Bilt Chipper Vac is designed for homeowners who need a reliable solution for managing yard waste, including leaves, branches, and other debris. This article will explore the features, operation, maintenance, and troubleshooting of the Troy Bilt Chipper Vac 8hp 47287, providing a comprehensive guide for both new and experienced users.

Overview of the Troy Bilt Chipper Vac 8hp 47287

The Troy Bilt Chipper Vac 8hp 47287 is a versatile machine that combines the functions of a chipper and a vacuum into one efficient tool. With its robust 8 horsepower engine, it is capable of handling tough yard waste, making it an invaluable addition to your lawn care arsenal.

Key Features

1. **Powerful Engine:** The 8hp engine provides ample power to chip branches up to 2 inches in diameter and effectively vacuum leaves and other lightweight debris.
2. **Large Collection Bag:** The vacuum features a spacious collection bag, allowing for longer operation times before needing to be emptied.
3. **Durable Construction:** Built with high-quality materials, the chipper vac is designed to withstand the rigors of outdoor use.
4. **Easy Maneuverability:** Equipped with wheels and a lightweight design, the machine is easy to transport across your yard.
5. **Adjustable Chipping Height:** Users can easily adjust the chipping height to accommodate various types of debris.

Setting Up Your Troy Bilt Chipper Vac

Proper setup is crucial for ensuring optimal performance and safety when using the Troy Bilt Chipper Vac 8hp 47287. Follow these steps to get started:

Unpacking the Machine

1. Carefully remove the machine from its packaging.
2. Inspect for any visible damage that may have occurred during shipping.
3. Ensure all components are included: collection bag, wheels, and any necessary tools.

Assembly Instructions

1. Attach the wheels to the base of the chipper vac. Use the provided bolts and tools to secure them tightly.
2. Connect the collection bag to the designated area, ensuring it fits snugly.
3. Check that the chipper chute is properly aligned and securely attached.

Fuel and Oil Requirements

- Use unleaded gasoline with a minimum of 87 octane.
- Oil should be a high-quality SAE 30 or 10W-30 engine oil.
- Check the oil level before starting the engine and fill as necessary.

Operating the Troy Bilt Chipper Vac

Before starting the machine, familiarize yourself with the controls and safety features. The following

guidelines will help you operate the chipper vac effectively.

Starting the Engine

1. Ensure the machine is on a flat, stable surface.
2. Set the throttle to the “Start” position.
3. Engage the choke if the engine is cold.
4. Pull the starter cord firmly until the engine fires.
5. Once the engine is running smoothly, adjust the choke back to the “Run” position.

Vacuuming Leaves and Debris

1. Position the collection bag in the desired area.
2. Start the engine as described above.
3. Slowly guide the machine across the yard, allowing it to vacuum leaves and lightweight debris.
4. Periodically check the collection bag for fullness and empty it as needed.

Chipping Branches

1. Ensure the collection bag is attached to collect chipped debris.
2. Feed branches into the chipper chute slowly, allowing the machine to pull them in.
3. Avoid forcing branches into the chute, as this can cause jams.

Maintenance Tips for Longevity

Regular maintenance is essential to keep your Troy Bilt Chipper Vac 8hp 47287 running efficiently. Follow these maintenance tips:

Routine Checks

- Oil Levels: Check oil levels before each use and change the oil after every 50 hours of operation.
- Air Filter: Inspect the air filter regularly and clean or replace it as necessary.
- Spark Plug: Check the spark plug for wear and replace it if necessary to ensure smooth engine operation.

Cleaning After Use

1. Turn off the engine and disconnect the spark plug wire for safety.
2. Remove any debris from the collection bag and chute.

3. Wipe down the exterior with a damp cloth to remove dirt and grass clippings.

Storage Guidelines

- Store the chipper vac in a dry, sheltered area to protect it from the elements.
- For long-term storage, drain the fuel tank and run the engine until it stops to prevent fuel deterioration.

Troubleshooting Common Issues

Even the best machines can encounter problems. Here's how to troubleshoot common issues with the Troy Bilt Chipper Vac 8hp 47287.

Engine Won't Start

- Check Fuel: Ensure there is fresh, unleaded gasoline in the tank.
- Inspect the Spark Plug: Remove and clean or replace the spark plug.
- Examine the Choke: Ensure it's in the correct position for starting.

Poor Vacuum Performance

- Clogged Hose: Inspect the vacuum hose for clogs and clear them if necessary.
- Full Collection Bag: Check if the collection bag is full and empty it if needed.
- Damaged Blades: Inspect the blades for damage and sharpen or replace them as necessary.

Excessive Vibration or Noise

- Loose Parts: Check for any loose bolts or components and tighten them.
- Imbalanced Load: Ensure debris is evenly distributed in the collection bag.
- Worn Blades: Inspect and replace worn blades to reduce vibration.

Conclusion

The Troy Bilt Chipper Vac 8hp 47287 Manual provides essential information for effectively using and maintaining this powerful piece of equipment. By understanding its features, following proper operating procedures, and performing regular maintenance, users can ensure their chipper vac remains a reliable tool for yard waste management. Whether you're tackling a small yard clean-up or a large landscaping project, the Troy Bilt Chipper Vac is designed to make the task easier and more efficient. With this guide, you are now equipped to maximize your experience with this invaluable

outdoor machine.

Frequently Asked Questions

What type of maintenance is recommended for the Troy-Bilt Chipper Vac 8HP 47287?

Regular maintenance includes checking the oil levels, cleaning the air filter, sharpening the chipper blades, and inspecting the belts for wear and tear.

Where can I find the owner's manual for the Troy-Bilt Chipper Vac 8HP 47287?

The owner's manual can be found on the Troy-Bilt official website under the support or manuals section, or you can contact customer service for a physical copy.

What precautions should I take when operating the Troy-Bilt Chipper Vac 8HP 47287?

Always wear safety goggles, gloves, and ear protection. Ensure the area is clear of debris and bystanders, and never put your hands near the intake while the engine is running.

What is the maximum diameter of branches that the Troy-Bilt Chipper Vac 8HP 47287 can handle?

The Troy-Bilt Chipper Vac 8HP 47287 can handle branches up to 3 inches in diameter.

How do I troubleshoot starting issues with the Troy-Bilt Chipper Vac 8HP 47287?

Check the fuel level, ensure the spark plug is clean and properly connected, and verify that the choke is in the correct position. Refer to the manual for detailed troubleshooting steps.

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