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Garvee S302u2JQ_-G2dwuUBufTAxx1HJdi

Garvee 43CC Gas Powered Pole Saw Instruction Manual

Model: S302u2JQ_-G2dwuUBufTAxx1HJdi

Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Garvee 43CC Gas Powered Pole Saw. Please read this manual thoroughly before operating the tool to ensure proper use and to prevent injury or damage.

Safety Instructions

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and a hard hat. Wear sturdy, non-slip footwear.
- **Work Area:** Ensure the work area is clear of bystanders, pets, and obstacles. Maintain a safe distance from power lines and other utilities.
- **Fuel Handling:** Mix and store fuel in a well-ventilated area away from ignition sources. Do not refuel while the engine is running or hot.
- **Operation:**
  - Inspect the pole saw before each use for loose parts, damage, or leaks.
  - Hold the pole saw firmly with both hands. Use the shoulder strap for balance and reduced fatigue.
  - Do not operate the saw above shoulder height. Avoid cutting branches that are too thick for the saw's capacity.
  - Be aware of falling branches and debris. Plan your cuts to ensure a safe falling path.
  - Never operate the saw in wet conditions or rain.
- **Maintenance:** Disconnect the spark plug wire before performing any maintenance or adjustments.

Product Overview

The Garvee 43CC Gas Powered Pole Saw is designed for trimming branches up to 16 feet high. It features a 43CC two-stroke engine and a 12-inch cutting bar.

Key Components and Features

- **43CC Two-Stroke Engine:** Provides 1.6HP of power with a maximum speed of 3000 RPM for efficient cutting.
- **12-Inch Cutting Bar:** Equipped with a high-hardness steel chain for smooth and precise cuts.
- **Extendable Pole:** Allows reaching branches up to 16 feet (including operator height) without the need for ladders.
- **Ergonomic Handle and Shoulder Strap:** Designed to reduce operator fatigue during extended use.
- **1200ml Fuel Tank:** Large capacity for extended operation, reducing the need for frequent refueling.
- **Quick-Start Button:** Facilitates easier starting of the engine.



Figure 1: The Garvee 43CC Gas Powered Pole Saw, showcasing its overall design and components.



Figure 2: Labeled diagram showing the 43CC 2-Stroke Engine, Throttle with On-Off Switch, Sponge mat, Extension Pole, Non-Slip Rubber Handle, Saw Head with Grease-Box, and Guide Bar & Chain.



Figure 3: Detailed view of key components: Ergonomic Handle Design, Robust Steel Saw Chain, Extension Pole, Quick-Start Button, and the Powerful 43CC Two-Stroke Engine.

Setup and Assembly

Carefully unpack all components and ensure all parts are present before beginning assembly. Refer to the component diagram in the Product Overview section.

1. **Assemble the Pole Sections:** Connect the extension pole sections securely. Ensure all locking mechanisms are engaged to prevent separation during operation. The tool can be extended from a collapsed length of 6.7ft to an extended length of 10ft.
2. **Attach the Saw Head:** Securely attach the saw head (containing the guide bar and chain) to the end of the pole assembly. Ensure the connection is tight and stable.
3. **Install the Engine Unit:** Connect the 43CC engine unit to the other end of the pole assembly. Ensure all connections, including the throttle cable and electrical wires, are properly seated and secured.
4. **Attach Handles and Shoulder Strap:** Install the non-slip rubber handle and the ergonomic handle to the pole as

shown in the diagrams. Attach the shoulder strap for comfortable and balanced operation.

5. **Check Chain Tension:** Before first use, verify the chain tension. The chain should be snug but still able to be pulled freely around the guide bar by hand. Adjust if necessary according to the maintenance section.



Figure 4: The pole saw's extendable length, showing a collapsed tool length of 6.7ft and an extended tool length of 10ft.

Operating Instructions

Fuel Mixture

The Garvee 43CC Pole Saw uses a two-stroke engine. It requires a specific mixture of gasoline and two-stroke engine oil. The recommended oil-to-gasoline mixture ratio is **1:25**. Use fresh, unleaded gasoline with an octane rating of 89 or higher and high-quality two-stroke engine oil.

1. Mix the fuel in a separate, approved fuel container.
2. Pour the mixed fuel into the 1200ml fuel tank, ensuring not to overfill.
3. Securely close the fuel cap.

Starting the Engine

1. Place the pole saw on a flat, stable surface.
2. Ensure the On-Off switch is in the "ON" position.
3. Engage the choke (if applicable, refer to engine specific instructions).
4. Press the primer bulb several times until fuel is visible.
5. Pull the starter cord firmly and smoothly until the engine starts.
6. Once started, disengage the choke gradually.
7. Allow the engine to warm up for a few moments before beginning operation.

Cutting Procedure

Always wear appropriate PPE. Maintain a firm grip on the pole saw and use the shoulder strap for support.

1. Position yourself safely away from the branch to be cut, ensuring no one is beneath the cutting area.
2. Extend the pole to the desired length, ensuring it is securely locked.
3. Engage the throttle to bring the chain to full speed before contacting the branch.
4. Apply light pressure and allow the saw to cut through the branch. Do not force the saw.
5. Make relief cuts on larger branches to prevent pinching the guide bar or uncontrolled falling.

6. After cutting, release the throttle and allow the chain to stop before repositioning the saw.



Figure 5: An operator using the Garvee pole saw to trim high branches while standing safely on the ground, demonstrating the tool's reach.



Figure 6: The use of shoulder straps can significantly reduce the physical effort required during operation, improving comfort and control.



Figure 7: The pole saw is designed for safety and efficiency, allowing users to reach branches up to 16 feet without working at height or using ladders.

▶ **Watch video online**
Garvee Gas Powered Pole Saw

Video 1: Demonstration of the Garvee Gas Powered Pole Saw in operation, showing its use for trimming branches.

Maintenance

Regular maintenance ensures the longevity and safe operation of your pole saw. Always disconnect the spark plug wire before performing any maintenance.

Chain and Guide Bar

- **Chain Lubrication:** Ensure the chain oil reservoir is filled with appropriate chain lubricant before each use.
- **Chain Tension:** Check chain tension regularly. A properly tensioned chain should be snug against the guide bar but still allow you to pull it around the bar by hand. Adjust as needed.
- **Chain Sharpening:** Keep the chain sharp for efficient and safe cutting. Refer to the chain manufacturer's instructions for sharpening angles and tools.

- **Guide Bar Maintenance:** Clean the guide bar groove and oil holes regularly. Flip the guide bar periodically to ensure even wear.

Engine Maintenance

- **Air Filter:** Clean the air filter regularly, especially in dusty conditions. A dirty air filter can reduce engine performance.
- **Spark Plug:** Inspect the spark plug periodically. Clean or replace it if it is fouled or worn.
- **Fuel Filter:** Check and replace the fuel filter as recommended in the engine manual.
- **Cooling Fins:** Keep the engine's cooling fins clean to prevent overheating.

Storage

- Drain the fuel tank if storing for an extended period to prevent fuel degradation.
- Clean the entire tool thoroughly before storage.
- Store the pole saw in a dry, secure location, out of reach of children.

Troubleshooting

Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect fuel mix; Spark plug fouled; Choke not set correctly; On-Off switch in "OFF" position.	Check fuel level and mix; Clean or replace spark plug; Adjust choke; Ensure switch is "ON".
Engine runs poorly or stalls	Dirty air filter; Incorrect fuel mix; Clogged fuel filter; Carburetor issues.	Clean air filter; Verify fuel mix; Replace fuel filter; Consult service center for carburetor.
Saw chain does not cut efficiently	Dull chain; Incorrect chain tension; Insufficient chain lubrication.	Sharpen or replace chain; Adjust chain tension; Fill chain oil reservoir.
Excessive vibration	Loose components; Damaged chain or guide bar.	Check and tighten all fasteners; Inspect chain and guide bar for damage and replace if necessary.

If you encounter problems not listed here or if solutions do not resolve the issue, please contact Garvee customer support.

Specifications

Brand	Garvee
Model Number	S302u2JQ_-G2dwuUBufTAxx1HJdi
Power Source	Gas Powered
Engine Type	43CC 2-Stroke
Output Power	1.6 HP (1.25 kW)
Max Speed	3000 RPM

Cutting Bar Length	12 inches
Max Reach (including operator)	Up to 16 feet
Fuel Tank Capacity	1200 ml
Fuel Mix Ratio	1:25 (Gasoline:2-Stroke Oil)
Item Weight	23.2 Pounds
Product Dimensions (L x W x H)	37.8" x 12.6" x 12.6"
UPC	820559755882



Figure 8: Visual representation of key product dimensions, including the 2.7ft extension, 7-9.5ft overall length, 10in engine height, 10.5in engine width, and 12in blade length.



Figure 9: Overview of product dimensions and engine specifications, including engine size (43CC), blade length (12in), output power (1.25 kW), and max speed (3000 RPM).

Warranty and Support

For warranty information, technical support, or to order replacement parts, please contact Garvee customer service. Keep your purchase receipt and model number handy for faster service.

Manufacturer: Garvee

Model Number: S302u2JQ_-G2dwuUBufTAxx1HJdi

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