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VEVOR 4300

VEVOR 43CC Gas Pole Saw (Model 4300) Instruction Manual

For models with 12-inch rotatable cutting head.

1. Safety Instructions

Read and understand all safety warnings and instructions before operating this gas pole saw. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

1.1 Personal Protective Equipment (PPE)

- **Eye Protection:** Always wear safety glasses or goggles that comply with applicable standards.
- **Head Protection:** Wear a hard hat when working near falling objects or overhead branches.
- **Hearing Protection:** Use earplugs or earmuffs to protect against noise-induced hearing loss.
- **Hand Protection:** Wear heavy-duty work gloves for grip and protection against cuts and vibrations.
- **Foot Protection:** Wear non-slip, steel-toed safety boots.
- **Body Protection:** Wear long pants and long-sleeved shirts. Avoid loose clothing or jewelry that can get caught in moving parts.

1.2 Fuel Handling and Storage

- Mix fuel in a well-ventilated area, away from sparks or open flames.
- Use a proper fuel/oil mixture for 2-stroke engines as specified in the manual.
- Do not smoke while handling fuel.
- Store fuel in approved containers, away from heat sources and out of reach of children.

1.3 Operating Environment

- Operate the pole saw only in well-lit conditions.
- Keep bystanders, children, and animals at a safe distance (at least 50 feet/15 meters).
- Do not operate in wet conditions or rain.
- Inspect the work area for hidden wires, power lines, or other obstructions before starting.

2. Product Overview

The VEVOR 43CC Gas Pole Saw is designed for efficient trimming and pruning of high branches. It features a powerful 2-stroke engine, an extendable pole, and an adjustable cutting head for versatile use.

2.1 Key Components

- **Engine Unit:** 43CC 2-stroke gasoline engine.
- **Fuel Tank:** 30 fl.oz. (850 ml) capacity.
- **Chain Oil Reservoir:** 5.28 fl.oz. (150 ml) capacity for automatic chain lubrication.
- **Extension Rods:** Two 33.7 in (85.5 cm) rods for adjustable length from 7.1 ft (2.16 m) to 12 ft (3.66 m).
- **Cutting Head:** Features a 12-inch (30.48 cm) guide bar and 3/8 LP alloy steel chain. Rotatable from 90-180°.
- **Handle:** Non-slip handle for improved grip and control.
- **Shoulder Strap:** Included for reduced fatigue during extended use.



Overview of the VEVOR Gas Pole Saw components, including the 2-stroke engine, non-slip handle, guide bar, aluminum extension poles, and alloy steel chain.



Close-up view of the 43CC 2-stroke engine, highlighting fuel tank capacity, displacement, horsepower, and maximum RPM.

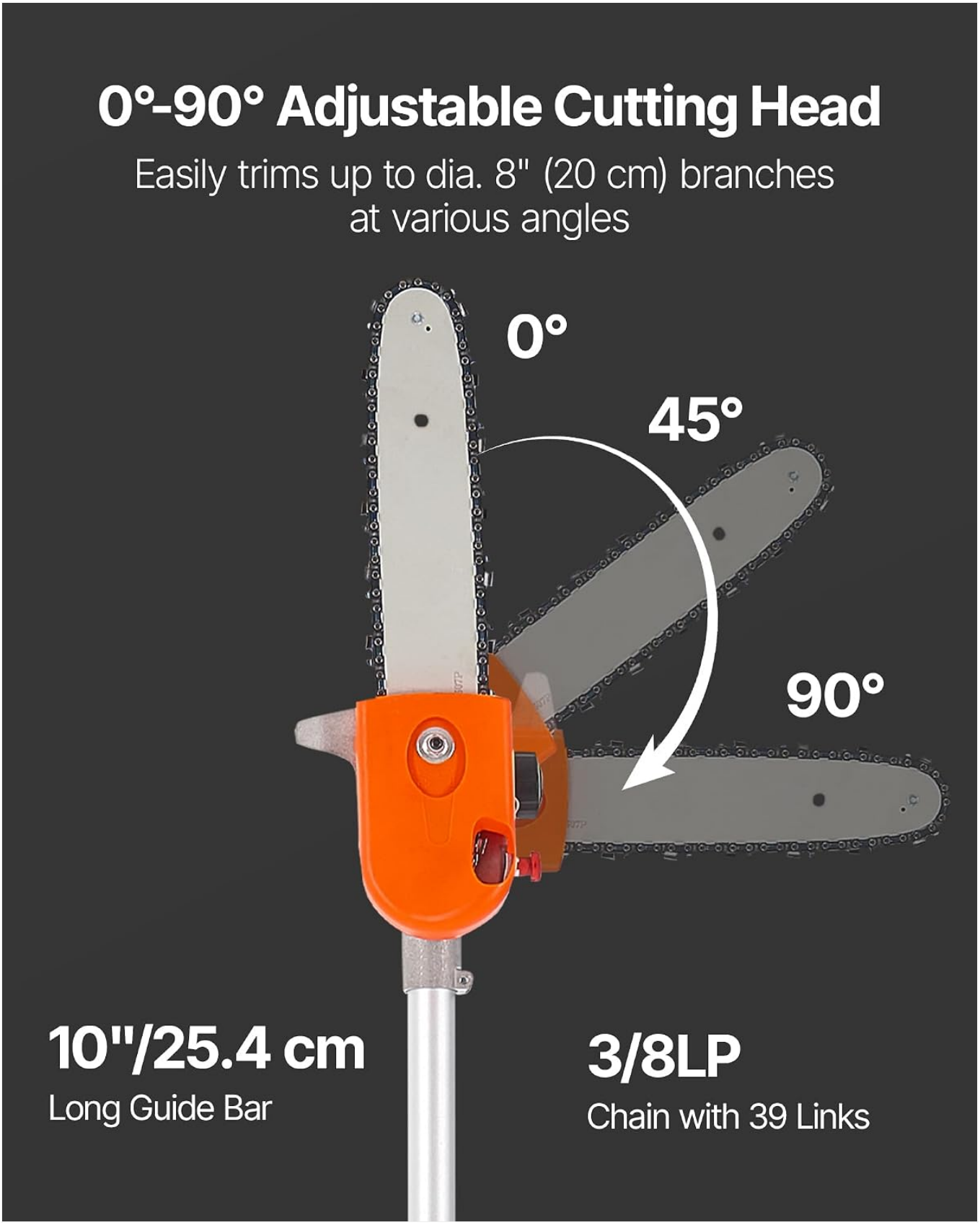


Illustration of the adjustable cutting head, showing 0, 45, and 90-degree positions, guide bar length, and chain type.

3. Setup

Follow these steps to assemble and prepare your VEVOR Gas Pole Saw for operation.

3.1 Assembly

1. **Connect Extension Rods:** Securely attach the desired number of extension rods to achieve the required length. Ensure

all locking mechanisms are engaged.

2. **Attach Cutting Head:** Connect the cutting head assembly to the end of the pole. Verify it is firmly secured.
3. **Install Guide Bar and Chain:** Carefully install the 12-inch guide bar and the 3/8 LP alloy steel chain. Ensure the chain is correctly tensioned according to the manual's instructions.
4. **Attach Handle and Shoulder Strap:** Mount the non-slip handle to the pole in a comfortable operating position. Attach the shoulder strap for balance and support.

3.2 Fuel Mixing

This pole saw uses a 2-stroke engine and requires a specific gasoline-to-oil mixture. Refer to the engine manufacturer's recommendations for the exact ratio (typically 25:1 or 50:1, depending on the oil type). Use fresh, unleaded gasoline and high-quality 2-stroke engine oil.

- Mix fuel in an approved container.
- Pour the correct amount of 2-stroke oil into the gasoline.
- Shake the container gently to ensure thorough mixing.
- Fill the pole saw's fuel tank (30 fl.oz. / 850 ml capacity) carefully, avoiding spills.

3.3 Chain Lubrication

The pole saw features an automatic chain lubrication system. Before each use, ensure the chain oil reservoir is filled with appropriate bar and chain oil.



Image showing the chain oil reservoir being filled, demonstrating the automatic lubrication system.

- Locate the chain oil reservoir cap.
- Fill the reservoir (5.28 fl.oz. / 150 ml capacity) with quality bar and chain oil.
- Replace the cap securely.

4. Operating Instructions

Proper operation ensures safety and extends the life of your pole saw.

4.1 Starting the Engine

1. Place the pole saw on a flat, stable surface.
2. Engage the choke (if applicable).
3. Press the primer bulb several times until fuel is visible.
4. Pull the starter cord firmly until the engine attempts to start or runs briefly.
5. Disengage the choke.
6. Pull the starter cord again until the engine starts.
7. Allow the engine to warm up for a few moments before use.

4.2 Adjusting Pole Length and Cutting Head

- **Pole Length:** Loosen the locking mechanism on the extension rods, adjust to the desired length (7.1 to 12 ft), and securely tighten.
- **Cutting Head Angle:** The cutting head can be adjusted from 90-180°. Release the locking lever, set the desired angle, and re-engage the lever firmly.

4.3 Cutting Techniques

Always maintain a firm grip on the pole saw with both hands. Use the shoulder strap to distribute weight and maintain balance.



Man demonstrating the VEVOR Gas Pole Saw's extended reach for high branches.

- **Clear Work Area:** Ensure no bystanders or obstacles are in the cutting path or fall zone.
- **Branch Support:** For larger branches, make an undercut first to prevent bark stripping, then complete the cut from above.
- **Avoid Kickback:** Be aware of the kickback zone of the guide bar tip. Always cut with the bottom of the guide bar.
- **Maintain Balance:** Keep your feet firmly planted and maintain a stable stance. Do not overreach.
- **Cutting Diameter:** The saw is designed to cut branches up to 8 inches (20.3 cm) in diameter. Do not force the saw through larger branches.

4.4 Shutting Down the Engine

To stop the engine, release the throttle trigger and press the engine stop switch.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your pole saw.

5.1 Chain Maintenance

- **Sharpening:** Keep the chain sharp. A dull chain increases effort and can cause kickback. Use a round file of the correct size for your chain.
- **Tensioning:** Check chain tension regularly. A properly tensioned chain should be snug but still able to be pulled around the guide bar by hand.
- **Replacement:** Replace worn or damaged chains promptly.

5.2 Guide Bar Maintenance

- Clean the guide bar groove regularly to remove sawdust and debris.
- Flip the guide bar periodically to ensure even wear.
- Check for burrs on the guide bar rails and file them smooth if present.

5.3 Air Filter Cleaning

A dirty air filter can reduce engine performance. Clean or replace the air filter as needed.

- Remove the air filter cover.
- Remove the air filter element.
- Clean with warm, soapy water, rinse thoroughly, and allow to dry completely. Alternatively, tap out loose debris.
- Reinstall the clean filter.

5.4 Spark Plug Inspection

Inspect the spark plug for wear and proper gap periodically.

- Remove the spark plug boot and then the spark plug.
- Clean any carbon deposits.
- Check the gap and adjust if necessary.
- Replace if worn or damaged.

5.5 Storage

- Drain the fuel tank or run the engine until it runs out of fuel to prevent fuel degradation.
- Clean the entire unit thoroughly.
- Store in a dry, well-ventilated area, out of reach of children.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Engine won't start	No fuel or incorrect fuel mixture	Fill fuel tank with correct gasoline/oil mixture.
Engine won't start	Spark plug fouled or damaged	Clean or replace spark plug.
Engine won't start	Air filter clogged	Clean or replace air filter.
Saw not cutting effectively	Dull chain	Sharpen or replace chain.
Saw not cutting effectively	Improper chain tension	Adjust chain tension.
Saw not cutting effectively	No chain oil	Fill chain oil reservoir.
Excessive vibration	Loose components	Check and tighten all bolts and fasteners.
Excessive vibration	Damaged chain or guide bar	Inspect and replace damaged parts.

7. Specifications

Detailed technical specifications for the VEVOR 43CC Gas Pole Saw (Model 4300).





Technical diagram of the VEVOR Gas Pole Saw with key dimensions and specifications.

Brand: VEVOR

Model Number: 4300

Power Source: Gas Powered

Engine Type: 2-Stroke

Engine Displacement: 43 CC

Horsepower: 1.75 HP (1.25 kW)

Max Engine Speed: 12,000 RPM

Fuel Tank Capacity: 30 fl.oz. (850 ml)

Chain Oil Reservoir Capacity: 5.28 fl.oz. (150 ml)

Guide Bar Length: 12 inches (30.48 cm)

Chain Type: 3/8 LP, 39 links, Alloy Steel

Extendable Length: 7.1 ft (2.16 m) to 12 ft (3.66 m)

Cutting Head Rotation: 90-180° Adjustable

Max Cutting Diameter: 8 inches (20.3 cm)

Item Weight: 22.1 lbs (10 kg)

Product Dimensions (L x W x H): 10.8" x 8.9" x 8.9" (Engine Unit)

Materials: Alloy Steel, 45# Steel, AL6063

8. Warranty and Support

For warranty information, please refer to the documentation included with your purchase or contact VEVOR customer service directly. Keep your proof of purchase for any warranty claims.
If you require technical assistance or have questions regarding your VEVOR Gas Pole Saw, please visit the official VEVOR website or contact their customer support team.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question