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## Husqvarna 445e II

# Husqvarna 445e II Gas Chainsaw User Manual

Model: 445e II (967651004)

## 1. PRODUCT OVERVIEW

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The Husqvarna 445e II is a gas-powered chainsaw designed for homeowners requiring a powerful and easy-to-handle tool for tasks such as pruning, limbing, and cutting firewood. It features an ergonomic design for comfortable operation and incorporates several technologies to enhance performance and user experience.

- **X-Torq Engine:** Designed to reduce fuel consumption and exhaust emissions.
- **Smart Start Technology:** Facilitates easier starting with minimal effort.
- **Air Injection System:** A centrifugal air cleaning system that helps prevent larger dust and debris particles from reaching the air filter, contributing to extended engine life.
- **LowVib System:** Reduces vibration levels to provide more comfortable chainsaw operation.
- **Automatic Chain Oiler:** Delivers a consistent supply of bar and chain oil for effective cutting.
- **Side-Mounted Chain Tensioning:** Allows for quick and convenient chain adjustments.
- **Quick-Release Air Filter:** Simplifies cleaning and replacement of the air filter.



Image: Husqvarna 445e II Gas Chainsaw, showcasing its overall design.

445e II

## HUSQVARNA Gas Chainsaw



**X-Torq® engine** reduces fuel consumption

**LowVib®** system reduces vibration levels for more comfortable chainsaw operation

**Smart Start®** technology for easier starting

**Air Injection®** system keeps larger dust and debris from reaching the air filter

50.2cc

Engine

2.8 HP

Horsepower

18"

Bar Length

11.2 lbs

Weight  
(excl. cutting equipment)

Image: Overview of key features and specifications including engine size (50.2cc), horsepower (2.8 HP), bar length (18"), and weight (11.2 lbs).

## 2. SAFETY INFORMATION

Operating a chainsaw requires strict adherence to safety guidelines to prevent injury. Always read and understand the complete safety manual provided with your chainsaw before use.

### Personal Protective Equipment (PPE)

Always wear appropriate personal protective equipment when operating the chainsaw. This includes:

- **Helmet:** For head and face protection.
- **Hearing Protection:** Noise-reducing ear protection.
- **Chaps:** Chainsaw protective chaps with warp protective layers.
- **Gloves:** Synthetic leather palm gloves for grip and protection.
- **Safety Boots:** Steel-toed boots with good ankle support.



**OPERATE SAFELY  
LIKE A PRO**

## GRAB YOUR WORK GEAR



**HELMET**  
Head & Face  
Protection



**HEARING**  
Noise Reducing  
Ear Protection



**CHAPS**  
TEK WARP  
Protective  
Layers



**GLOVES**  
Synthetic  
Leather Palms

Image: A person wearing recommended safety gear including a helmet, hearing protection, chaps, and gloves while operating a chainsaw.

### General Safety Precautions

- Ensure the work area is clear of bystanders and obstacles.
- Maintain a firm grip on the chainsaw with both hands.
- Be aware of kickback risks and proper cutting techniques.
- Never operate the chainsaw when fatigued or under the influence of substances.
- Regularly inspect the chainsaw for damage or wear before each use.

### 3. SETUP AND ASSEMBLY

#### Fuel and Chain Oil

The Husqvarna 445e II requires a specific fuel mixture (gasoline and 2-cycle oil) and separate chain oil for lubrication. Always use high-quality fuel and oil as recommended by Husqvarna.

- Mix gasoline with 2-cycle engine oil at the specified ratio (e.g., 50:1).
- Fill the fuel tank with the mixed fuel.

- Fill the chain oil tank with appropriate bar and chain oil.



## CHAINSAW INCLUDES:

**2 Cycle Oil**  
2.6 Ounces



**Bar Cover**  
Husqvarna  
Branded



Image: Husqvarna 2-cycle oil (2.6 ounces) and an orange Husqvarna branded bar cover, which are included with the chainsaw.

### Bar and Chain Installation

Proper installation of the guide bar and chain is crucial for safe and effective operation. Refer to the detailed instructions in your full manual for specific steps.

### Chain Tensioning

Correct chain tension is vital. A chain that is too loose can derail, and a chain that is too tight can cause excessive wear and damage. The 445e II features a simple, side-mounted chain tensioning system.

Video: Demonstrates how to properly tension the chain on a Husqvarna chainsaw. Ensure the chain is snug against the bar but can still be lifted slightly.



Image: The included srench combination screwdriver and wrench tool, used for quick chain and bar adjustments.

## 4. OPERATING INSTRUCTIONS

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### Starting the Chainsaw

The Smart Start technology assists in easier starting. Follow these general steps:

1. Place the chainsaw on a firm, flat surface.
2. Engage the chain brake.
3. Set the choke and primer bulb as per the starting procedure in your manual.
4. Pull the starter cord until the engine fires, then disengage the choke.
5. Pull the starter cord again until the engine starts.
6. Allow the engine to warm up briefly before use.



Start

**Smart Start**® starter helps the chainsaw start quickly with minimum effort

Image: Close-up of the Smart Start starter mechanism, designed for quick and easy starting.

Video: A demonstration of how to start a Husqvarna chainsaw using the Smart Start system.

## Cutting Techniques

Always use proper cutting techniques to ensure safety and efficiency. Avoid cutting with the tip of the bar to prevent kickback. Plan your cuts and be aware of falling timber.



Tool

**Scrench** combination screw driver and wrench tool for quick chain and bar and adjustments

Image: A person operating the Husqvarna chainsaw to cut a log, demonstrating typical use.

## Stopping the Chainsaw

To stop the chainsaw, simply move the stop switch to the 'STOP' position. Engage the chain brake when moving short distances or between cuts.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw.

### Air Filter Cleaning

The quick-release air filter allows for easy access and cleaning. A clean air filter is essential for optimal engine performance and life.



Access

**Quick Release Air Filter** facilitates easy cleaning and replacement of the air filter

Image: Hand accessing the quick-release air filter for cleaning or replacement.

## Bar and Chain Maintenance

Inspect the guide bar and chain regularly for wear and proper lubrication. Clean the bar rail and grease hole to ensure smooth operation.

Video: Instructions on how to maintain the chainsaw bar, including cleaning the bar rail and checking for wear.

## Chain Sharpening

A sharp chain is crucial for efficient and safe cutting. Dull chains can lead to poor performance and increased risk of kickback.

Video: A guide on how to sharpen a chainsaw chain using appropriate tools and techniques.

## Flip-Up Caps

The chainsaw features flip-up caps for easy access to the fuel and chain oil tanks, simplifying re-oiling and re-fueling.



Open

**Flip Up Caps** for easy access chain re-oiling and re-fueling

Image: Close-up of the flip-up caps on the chainsaw, indicating easy access for refueling and re-oiling.

## 6. TROUBLESHOOTING

If you encounter issues with your Husqvarna 445e II chainsaw, consult the troubleshooting section of your full product manual. Common issues may include:

- **Starting Difficulties:** Check fuel mixture, spark plug, and air filter.
- **Poor Cutting Performance:** Inspect chain sharpness and tension, and ensure adequate chain oil.
- **Excessive Vibration:** Check for loose components or worn parts.

For complex issues or repairs, contact an authorized Husqvarna service center.

## 7. SPECIFICATIONS

Feature	Specification
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Model Number	967651004
Engine Displacement	50.2 cc
Horsepower	2.8 HP
Bar Length	18 inches
Power Source	Gas Powered
Item Weight	10.8 pounds
Product Dimensions	39 x 11 x 12.5 inches
UPC	024761039512

## 8. WARRANTY AND SUPPORT

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For warranty information, service, or technical support, please refer to the official Husqvarna documentation included with your product or visit the official Husqvarna website. Keep your proof of purchase for warranty claims.