Makita 574796066

Makita Chainsaw Chain 45 cm, 1.6 mm, 3/8" S3 Instruction Manual

Model: 574796066

1. Introduction

This instruction manual provides important information for the safe and proper installation, operation, and maintenance of your Makita Chainsaw Chain (Model 574796066). Please read this manual thoroughly before using the product to ensure optimal performance and user safety. Keep this manual for future reference.

2. Safety Instructions

Always prioritize safety when handling chainsaw components. Failure to follow these instructions may result in serious injury.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including heavy-duty gloves, eye protection (safety glasses or face shield), hearing protection, and sturdy footwear when handling the chain or operating a chainsaw.
- **Chainsaw Disconnection:** Before installing, removing, or performing any maintenance on the chain, ensure the chainsaw engine is off and the spark plug cap is disconnected (for gasoline models) or the battery is removed (for electric/cordless models) to prevent accidental starting.
- **Sharp Edges:** Chainsaw chains have very sharp cutting edges. Handle the chain with extreme care to avoid cuts.
- **Chain Tension:** Incorrect chain tension can lead to the chain derailing, kickback, or premature wear. Always ensure the chain is properly tensioned according to your chainsaw's manufacturer guidelines.
- **Chainsaw Manual:** Always refer to your chainsaw's specific instruction manual for detailed safety warnings and operating procedures related to your particular model.
- **Inspection:** Regularly inspect the chain for damage, cracks, or dullness. Never use a damaged or excessively dull chain.

3. Product Overview

The Makita Chainsaw Chain (Model 574796066) is a durable and resistant accessory designed for specific chainsaw models. It features precise dimensions for efficient cutting performance.

An image showing the Makita chainsaw chain, highlighting its links and cutting teeth.

Key Features:

- **Length:** 45 cm (approximately 18 inches)
- **Gauge:** 1.6 mm (0.063 inches)
- **Pitch:** 3/8" S3
- **Durability:** Manufactured under strict quality controls for long-lasting performance.

4. Setup and Installation

Follow these steps carefully to install the chainsaw chain:

1. **Prepare Chainsaw:** Ensure the chainsaw is turned off, and the spark plug cap is disconnected or battery removed. Place the chainsaw on a stable, flat surface.
2. **Remove Guide Bar Cover:** Loosen the nuts holding the guide bar cover (clutch cover) and remove it.
3. **Remove Old Chain (if applicable):** Carefully remove the old chain and guide bar. Dispose of the old chain responsibly.
4. **Clean Components:** Clean any sawdust or debris from the guide bar groove, sprocket, and clutch area.
5. **Install New Chain:** Place the new Makita chain around the clutch sprocket. Then, fit the chain into the groove of the guide bar, ensuring the cutting edges of the teeth face forward (in the direction of rotation).
6. **Mount Guide Bar:** Position the guide bar studs through the holes in the guide bar.
7. **Adjust Chain Tension (Initial):** Replace the guide bar cover loosely. Adjust the chain tensioning screw (if present) to remove most of the slack, allowing the chain to move freely around the guide bar without binding.
8. **Tighten Cover Nuts:** While holding the tip of the guide bar up, tighten the guide bar cover nuts securely.
9. **Final Tension Check:** After tightening, check the chain tension again. The chain should be snug against the bottom of the guide bar, but you should be able to pull it freely by hand. There should be no excessive sag on the underside of the guide bar. Refer to your chainsaw manual for precise tensioning specifications.
10. **Lubrication:** Ensure the chainsaw's automatic oiler is functioning and the oil reservoir is filled with appropriate bar and chain oil.

5. Operating Considerations

While the chain itself does not operate independently, its condition is crucial for safe chainsaw operation.

- **Pre-Operation Check:** Before each use, always check the chain tension, ensure it is properly lubricated, and inspect for any damage or dullness.
- **Proper Lubrication:** Ensure the chainsaw's oiling system is working correctly. Adequate lubrication prevents premature wear of the chain and guide bar, and reduces friction and heat buildup.
- **Avoid Contact with Ground:** Do not allow the chain to contact the ground or other hard objects, as this will dull the chain quickly and can cause damage.

6. Maintenance

Regular maintenance extends the life of your chain and ensures safe operation.

- **Cleaning:** After each use, remove the chain and guide bar. Clean off sawdust, resin, and debris using a brush and appropriate cleaning solution.
- **Sharpening:** A sharp chain is essential for safe and efficient cutting. Sharpen the chain regularly using a round file of the correct diameter (refer to your chainsaw manual or chain specifications for the correct file size) and a filing guide. Ensure all teeth are sharpened evenly. If you are unsure, have the chain professionally sharpened.
- **Lubrication:** Ensure the chain is always well-lubricated during operation. Check the oil reservoir frequently.
- **Storage:** When not in use, clean and lightly oil the chain before storing it in a dry place to prevent rust. Store it in a protective case or wrap to prevent accidental contact with sharp edges.
- **Guide Bar Maintenance:** Periodically flip the guide bar to ensure even wear. Clean the guide bar groove and oil holes regularly.

7. Troubleshooting

Here are some common issues related to chainsaw chains and their potential solutions:

Problem	Possible Cause	Solution
Chain dulls quickly	Contact with dirt, rocks, or metal; improper sharpening angle; cutting very hard wood.	Avoid ground contact; sharpen correctly; use appropriate chain for material.
Chain jumps off guide bar	Incorrect chain tension (too loose); worn guide bar groove; damaged chain links.	Adjust tension; inspect/replace guide bar; inspect/replace chain.
Chain not cutting straight	Unevenly sharpened teeth; bent guide bar; worn guide bar rails.	Sharpen all teeth evenly; inspect/replace guide bar.
Excessive smoke from chain	Lack of lubrication; dull chain; incorrect chain tension (too tight).	Check oiler and reservoir; sharpen chain; adjust tension.

8. Specifications

Brand: Makita

Model Number: 574796066

Global Trade Identification Number (GTIN): 04002829455814

Included Components: Chainsaw chain 45 cm 1.6 mm 3/8" S3

Country of Origin: USA

9. Warranty and Support

For information regarding warranty coverage, technical support, or replacement parts for your Makita Chainsaw Chain, please refer to the documentation provided with your original chainsaw or contact Makita customer service directly. You can typically find contact information on the official Makita website or through your local authorized dealer.
For further assistance, visit the official Makita website: www.makita.com

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