

Secura 6371315

Secura Chainsaw Chains for AL-KO AC310714-38 - Instruction Manual

Model: 6371315 | Brand: Secura

INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your Secura chainsaw chains. These chains are designed for AL-KO AC310714-38 chainsaws with a 35cm cutting length. Please read this manual thoroughly before installation and operation to ensure safety and optimal performance.

IMPORTANT SAFETY INFORMATION

Always prioritize safety when working with chainsaws. While this manual focuses on the chains, general chainsaw safety practices must be followed. Refer to your chainsaw's instruction manual for comprehensive safety guidelines.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and protective legwear.
- Ensure the chainsaw is turned off and the spark plug cap is removed (for gasoline models) or the battery is disconnected (for electric models) before performing any maintenance or chain installation.
- Keep bystanders, children, and animals away from the work area.
- Inspect the chainsaw and chain for damage before each use.

PRODUCT OVERVIEW

This product includes two semi-chisel chainsaw chains, specifically adapted for AL-KO AC310714-38 chainsaws. These chains feature a 35cm cutting length, 3/8LP inch pitch, 49 drive links, and a 1.3mm (0.050") gauge.



Figure 1: Two Secura chainsaw chains. These chains are designed for durability and efficient cutting.

COMPATIBILITY AND MEASUREMENT

It is crucial to ensure the correct chain specifications for your chainsaw. Chainsaw models can have different cutting sets, and the total length and cutting length may vary. Different chain systems (e.g., large and small saw teeth) require different drive sprockets. Therefore, it is highly recommended to verify the specifications of your existing chain or chainsaw bar before purchasing or installing a new chain.

Key Chain Specifications:

- **Cutting Length:** The working length of the guide bar, measured from the chainsaw housing to the tip of the bar when mounted. For these chains, the cutting length is 35cm (approximately 14 inches). This is not the total length of the chain itself.
- **Pitch:** The distance between three consecutive rivets divided by two. This chain has a 3/8LP (Low Profile) inch pitch.
- **Gauge:** The thickness of the drive links, which fits into the guide bar groove. This chain has a 1.3mm (0.050") gauge.
- **Drive Links:** The number of links on the chain that fit into the guide bar groove. This chain has 49 drive links.

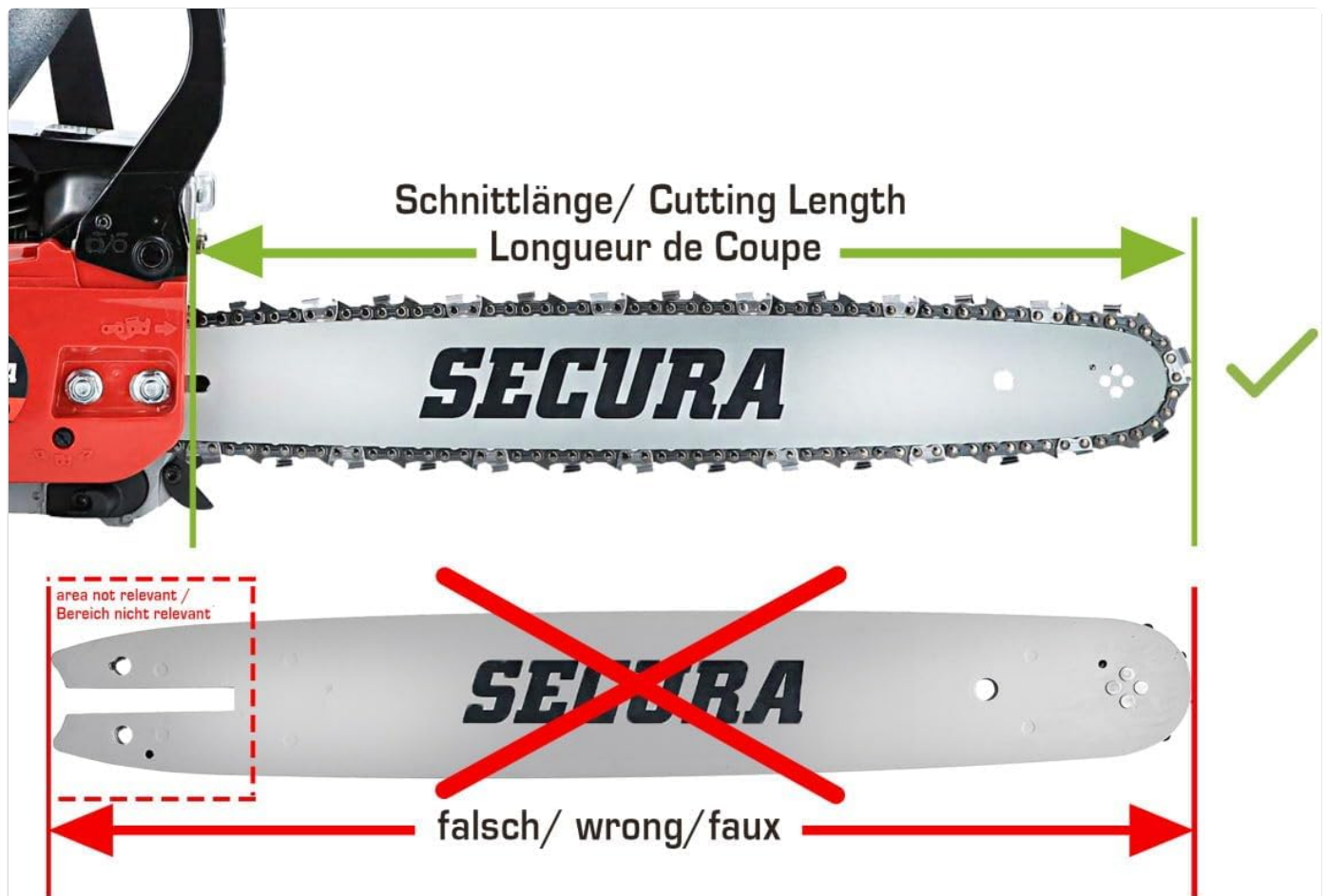


Figure 2: Correct measurement of cutting length. The cutting length is measured from the chainsaw body to the tip of the guide bar, not the total length of the bar.

Maße einer Sägekette ermitteln How to measure a saw chain

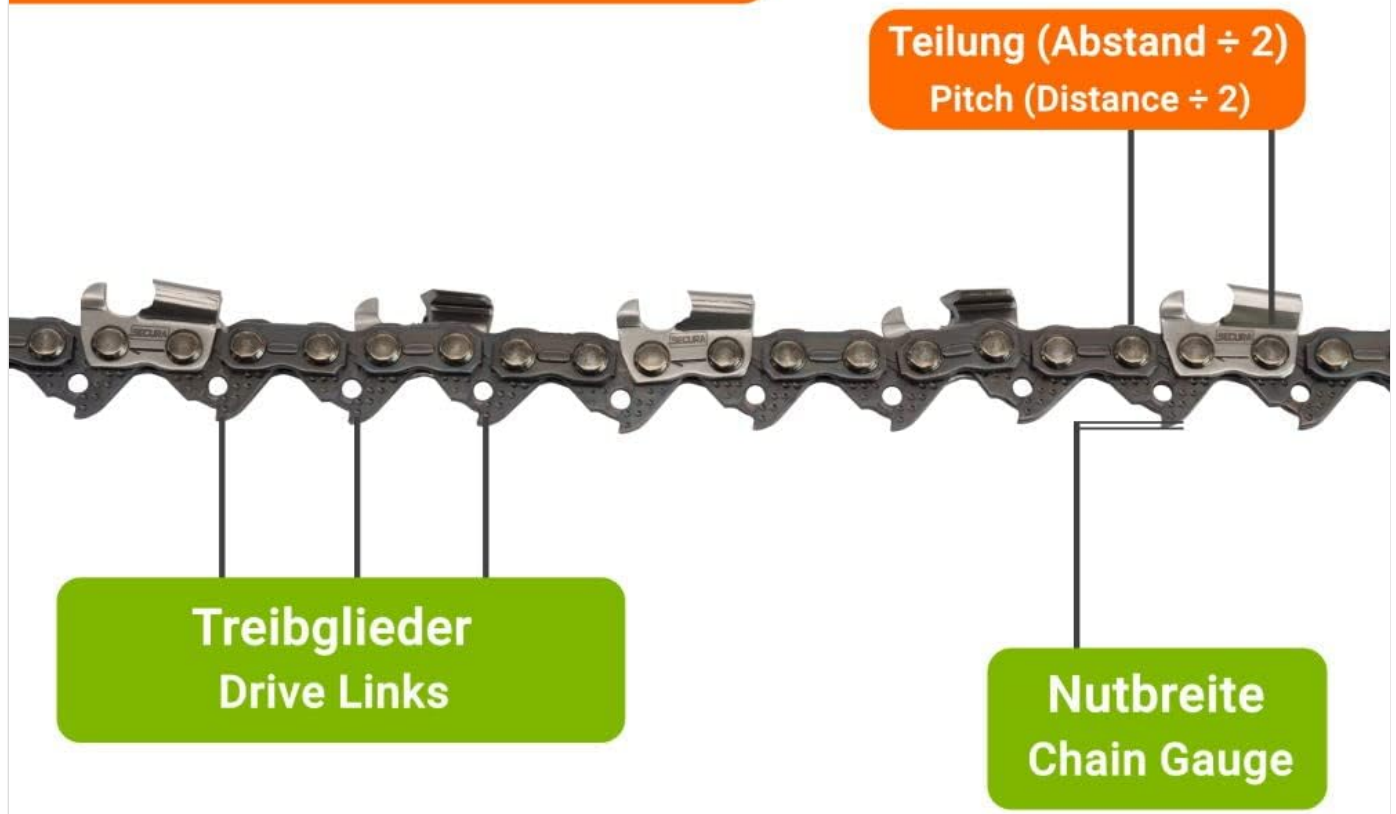


Figure 3: How to measure a saw chain. This diagram illustrates how to identify the pitch (Teilung), drive links (Treibglieder), and chain gauge (Nutbreite).



Figure 4: Visual representation of the chain specifications: 3/8" LP Pitch, 49 Drive Links, and 1.3 mm Gauge.

SETUP (CHAIN INSTALLATION)

Follow these general steps for installing a new chainsaw chain. Always consult your chainsaw's specific instruction manual for detailed installation procedures.

1. **Prepare the Chainsaw:** Ensure the chainsaw is off, the spark plug cap is removed (if applicable), and the chain brake is engaged.
2. **Remove the Bar Cover:** Loosen the bar nuts and remove the side cover that holds the guide bar in place.
3. **Remove Old Chain (if applicable):** Carefully remove the old chain and guide bar. Clean any sawdust or debris from the sprocket area and guide bar groove.
4. **Install New Chain:** Place the new chain around the clutch drum sprocket. Ensure the cutting edges of the chain teeth are facing the correct direction (usually forward on the top of the bar).
5. **Mount Guide Bar:** Fit the guide bar over the bar studs and align the drive links of the chain into the groove of the guide bar.
6. **Replace Bar Cover:** Reinstall the side cover and hand-tighten the bar nuts. Do not fully tighten yet.
7. **Adjust Chain Tension:** Adjust the chain tension screw until the chain is snug against the bottom of the guide bar, but can still be pulled freely by hand. There should be no slack on the underside of the bar, and the drive links should not lift out of the bar groove.
8. **Tighten Bar Nuts:** Fully tighten the bar nuts while holding the tip of the guide bar up to maintain tension.
9. **Final Check:** Release the chain brake and manually rotate the chain to ensure it moves smoothly. Re-check tension.

after a few cuts, as new chains can stretch.

OPERATING

Once the chain is correctly installed and tensioned, operate your chainsaw according to the manufacturer's instructions. Proper chain tension is critical for safe and efficient operation. An overly loose chain can derail, causing injury or damage. An overly tight chain can cause premature wear to the chain, bar, and sprocket, and can reduce engine power.

- Always ensure the chain is properly lubricated with appropriate bar and chain oil during operation.
- Regularly check chain tension during use, especially during the first hour of operation with a new chain.
- Avoid cutting into dirt, rocks, or metal, as this will dull the chain quickly.

MAINTENANCE

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

- **Sharpening:** Sharpen the chain regularly to maintain cutting efficiency. These semi-chisel chains are designed to be easy to sharpen. Use a round file of the correct diameter (typically 4.0mm or 5/32" for 3/8LP pitch chains, but verify with your chainsaw manual or chain manufacturer). Maintain the correct filing angles for optimal performance.
- **Cleaning:** After each use, clean the chain and guide bar to remove sawdust, resin, and debris. This prevents buildup that can hinder performance and cause wear.
- **Lubrication:** Ensure your chainsaw's automatic oiler is functioning correctly and that the oil reservoir is filled with quality bar and chain oil. Proper lubrication is vital to reduce friction and heat.
- **Inspection:** Periodically inspect the chain for damaged or worn drive links, rivets, and cutters. Replace the chain if significant damage or wear is observed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain, incorrect sharpening angle, improper chain tension.	Sharpen the chain, verify sharpening angles, adjust chain tension.
Chain derails from guide bar	Loose chain tension, worn guide bar groove, incorrect chain size.	Adjust chain tension, inspect guide bar for wear, ensure correct chain specifications.
Chain smokes or overheats	Insufficient lubrication, overly tight chain, dull chain.	Check oiler function and oil level, adjust chain tension, sharpen chain.
Chain binds in wood	Dull chain, improper cutting technique, incorrect chain tension.	Sharpen chain, review cutting technique, adjust chain tension.

SPECIFICATIONS

- **Brand:** Secura
- **Model Number:** 6371315
- **ASIN:** B07KPDNRWL
- **Chain Type:** Semi-chisel
- **Cutting Length:** 35cm (approx. 14 inches)
- **Pitch:** 3/8LP (Low Profile)

- **Gauge:** 1.3mm (0.050 inches)
- **Drive Links:** 49
- **Compatibility:** Designed for AL-KO AC310714-38 chainsaws
- **Package Contents:** 2 x Chainsaw Chains

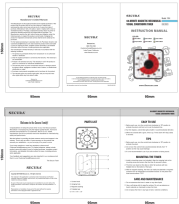



WARRANTY AND SUPPORT

Information regarding specific warranty terms for this product is not provided in the available data. For warranty claims or technical support, please contact your retailer or the manufacturer, Secura, directly. Please have your model number (6371315) and ASIN (B07KPDNRWL) available when contacting support.

For general inquiries or to find more information about Secura products, you may visit the brand's official website or contact their customer service department.

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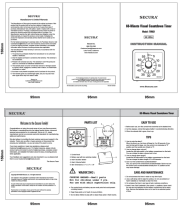
Related Documents - 6371315

	<p>Secura T764 60-Minute Magnetic Mechanical Visual Countdown Timer - Instruction Manual</p> <p>Official instruction manual for the Secura T764 60-Minute Magnetic Mechanical Visual Countdown Timer. Learn how to use, mount, and care for your timer. Includes warranty information and product details.</p>
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	<p>Secura TM034 60-Minute Countdown Visual Timer - Instruction Manual and Warranty</p> <p>Official instruction manual and limited warranty details for the Secura TM034 60-Minute Countdown Visual Timer. Learn how to set, use, pause, and clean your Secura timer.</p>



[SECURA V-470 Automatic Soap Dispenser User Manual and Warranty](#)

Comprehensive user manual for the SECURA V-470 automatic soap dispenser, covering features, installation, technical specifications, troubleshooting, cleaning, and manufacturer's limited warranty.



[Secura 60-Minute Visual Countdown Timer \(Model TM021\) - Instruction Manual](#)

Instruction manual for the Secura 60-Minute Visual Countdown Timer (Model TM021). Covers setup, usage, parts list, tips, care instructions, and warranty information.