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› [SECURA Guide Bar Instruction Manual for Alpina ES 1814 Chainsaw \(45cm, 3/8, 62 Drive Links, 1.3mm Gauge\)](#)

Secura 7261881

SECURA Guide Bar Instruction Manual for Alpina ES 1814 Chainsaw

Model: 7261881

1. PRODUCT OVERVIEW

This SECURA professional guide bar is designed for use with the Alpina ES 1814 chainsaw. It is a high-quality, wear-resistant component crucial for efficient and safe chainsaw operation. This manual provides essential information for proper selection, installation, and maintenance.

- **Working Length / Cutting Length:** 45cm (+/- 1cm) (measured from the housing when mounted).
- **Chain Pitch:** 3/8 inch.
- **Groove Width:** 1.3mm.
- **Drive Links:** 62.
- High-quality laminated guide bar with riveted sprocket.



Figure 1: The SECURA guide bar, a professional-grade component for chainsaws.

2. IMPORTANT COMPATIBILITY INFORMATION

It is crucial to understand that different chainsaws have varying cutting systems. The actual cutting length and overall length of components can differ. Furthermore, various chain systems exist (e.g., large and small saw teeth), which require different drive sprockets. Therefore, before purchasing or installing a new guide bar and chain, it is highly recommended to verify the specifications of your existing chainsaw and chain.

2.1 Verifying Cutting Length

The 'cutting length' refers to the measurement from the chainsaw's housing to the tip of the chain when mounted. It is **not** the total length of the guide bar. Always measure the cutting length of your current setup to ensure compatibility.

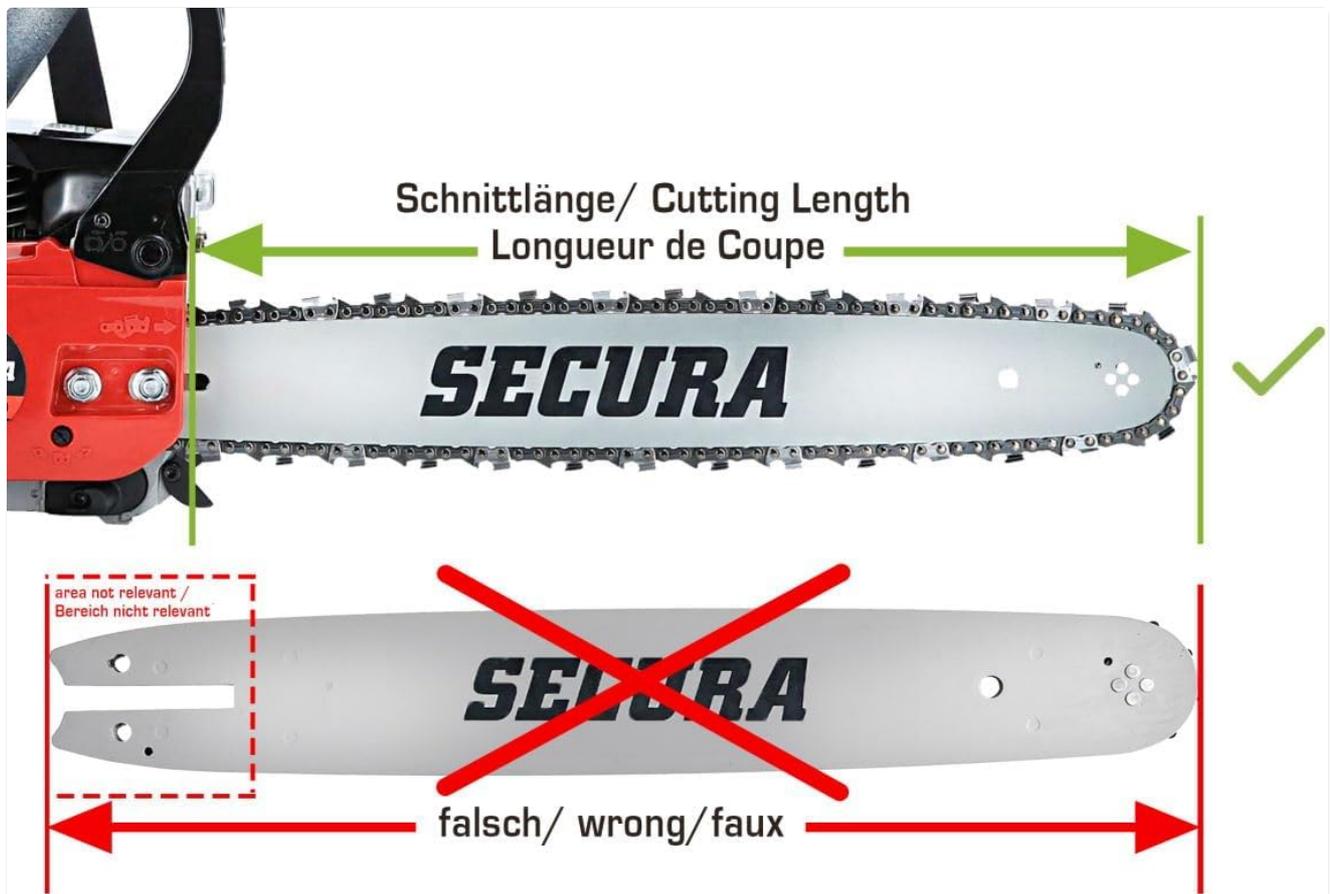


Figure 2: Correct method for measuring the cutting length (Schnittlänge / Longueur de Coupe). The measurement is taken from the chainsaw body to the tip of the guide bar, not the full length of the bar itself.

2.2 Verifying Chain Specifications

To ensure the correct chain is used with this guide bar, you must know the number of drive links and the chain pitch (e.g., 3/8" P or 0.325" P). The groove width (1.3mm for this guide bar) must also match your chain.

Maße einer Sägekette ermitteln How to measure a saw chain

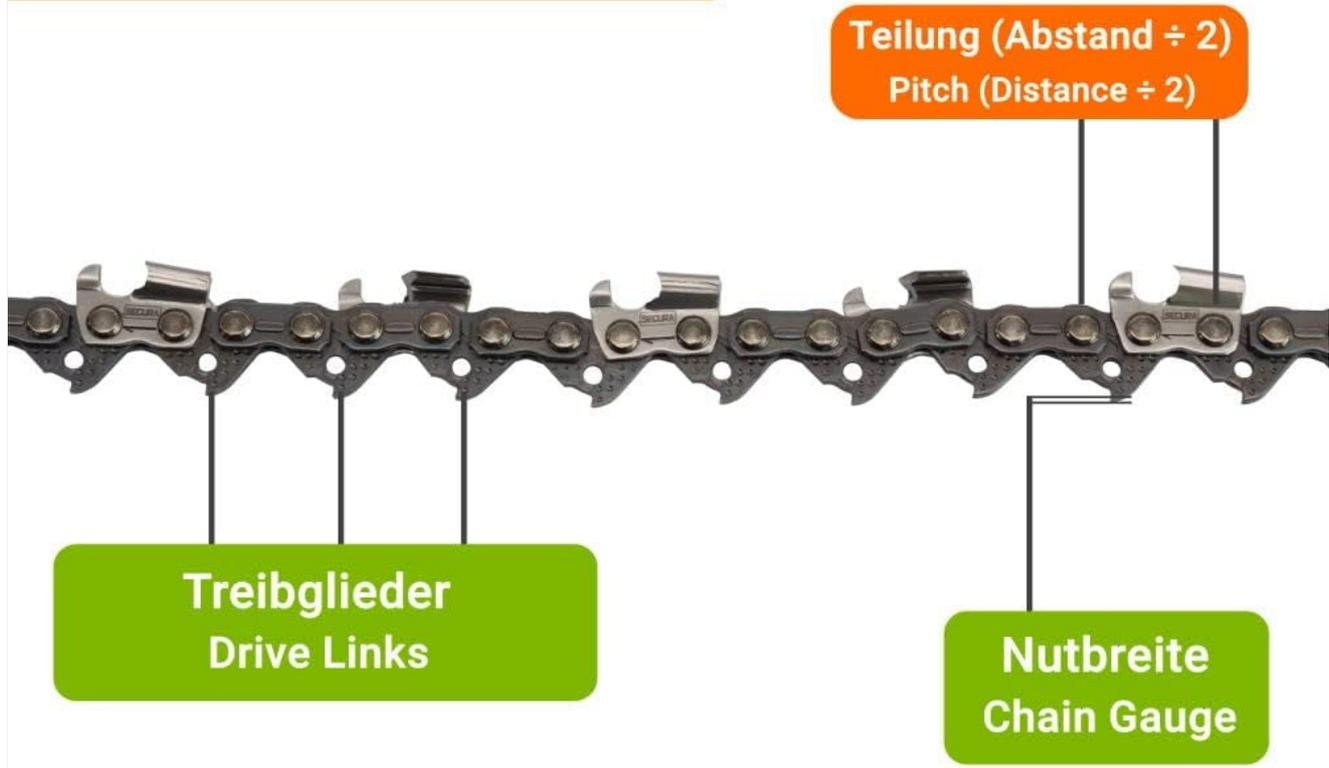


Figure 3: How to measure a saw chain. Key measurements include Pitch (Teilung), Drive Links (Treibglieder), and Chain Gauge (Nutbreite).

3. SPECIFICATIONS

Feature	Specification
Brand	SECURA
Model Number	7261881
ASIN	B0DHVQJFBP
Compatible Chainsaw	Alpina ES 1814
Cutting Length	45 cm (+/- 1cm)
Chain Pitch	3/8 inch
Groove Width	1.3 mm
Number of Drive Links	62
Guide Bar Type	Laminated with riveted sprocket

4. SETUP AND INSTALLATION

Before attempting any installation, ensure your chainsaw is turned off, unplugged (for electric models), or has its spark plug cap removed (for gasoline models) to prevent accidental startup. Always wear appropriate safety gear, including gloves and eye protection.

1. **Prepare Chainsaw:** Remove the chain brake cover and old guide bar/chain assembly from your Alpina ES 1814 chainsaw. Clean any sawdust or debris from the mounting area.
2. **Install New Guide Bar:** Slide the new SECURA guide bar onto the mounting studs of the chainsaw. Ensure it sits flush against the chainsaw body.
3. **Install Chain:** Carefully place the chain around the drive sprocket and into the groove of the guide bar. Ensure the cutting edges of the chain are facing the correct direction for cutting.
4. **Tension Chain:** Replace the chain brake cover loosely. Adjust the chain tensioning screw until the chain is snug but can still be pulled freely around the guide bar by hand. The chain should not sag on the underside of the guide bar. Refer to your Alpina ES 1814 chainsaw's original manual for specific tensioning instructions.
5. **Tighten Cover:** Once the chain is properly tensioned, tighten the nuts on the chain brake cover securely.
6. **Lubrication:** Ensure the chainsaw's automatic oiler is functioning correctly and that the guide bar's oil holes are clear to allow proper lubrication during operation.

Note: This guide bar is designed for the Alpina ES 1814. Always consult your chainsaw's original instruction manual for detailed, model-specific installation procedures and safety warnings.

5. OPERATING INSTRUCTIONS

The SECURA guide bar itself does not have operational controls. Its function is integral to the chainsaw's cutting mechanism. Always operate your chainsaw according to the manufacturer's instructions and safety guidelines. Ensure the guide bar and chain are properly lubricated and tensioned before each use.

- **Pre-Operation Check:** Before starting the chainsaw, verify that the guide bar is securely fastened, the chain is correctly tensioned, and the oil reservoir is filled with appropriate bar and chain oil.
- **Lubrication:** The guide bar relies on the chainsaw's automatic oiling system. Ensure oil is flowing to the chain and guide bar during operation. Insufficient lubrication can lead to premature wear and damage.
- **Cutting Technique:** Use proper cutting techniques to avoid unnecessary stress on the guide bar and chain. Avoid forcing the guide bar into the wood.
- **Kickback Prevention:** Be aware of kickback risks. The guide bar tip is the most dangerous area for kickback. Always maintain a firm grip and proper stance.

6. MAINTENANCE

Regular maintenance of your guide bar is essential for its longevity and safe operation of your chainsaw.

1. **Clean Guide Bar Groove:** Regularly clean the guide bar groove to remove sawdust, resin, and debris. A clogged groove can impede chain movement and lubrication.
2. **Check Oil Holes:** Ensure the oil holes on the guide bar are clear and allow oil to flow freely to the chain.
3. **Flip Guide Bar:** To promote even wear, flip the guide bar periodically (e.g., after every 8-10 hours of use). This helps distribute wear on both sides of the bar.
4. **Inspect for Wear:** Regularly inspect the guide bar for signs of wear, such as burrs on the rails, widening of the groove, or damage to the nose sprocket. Excessive wear can lead to poor cutting performance and increased risk of chain derailment.
5. **Deburr Rails:** If burrs develop on the guide bar rails, carefully file them smooth using a flat file.
6. **Replace When Worn:** Replace the guide bar if the rails are significantly worn, the groove is too wide, or the nose sprocket is damaged. A worn guide bar can cause the chain to bind or derail.

7. TROUBLESHOOTING

If you encounter issues related to the guide bar, consider the following common problems and solutions:

- **Chain Binds or Stops:**

- Check chain tension: It might be too tight.
- Check for debris in the guide bar groove: Clean thoroughly.
- Ensure proper lubrication: Check oiler function and oil holes.
- Inspect for guide bar wear: A worn groove can cause binding.

- **Chain Derails Frequently:**

- Check chain tension: It might be too loose.
- Inspect guide bar groove for excessive wear or damage.
- Ensure the chain is the correct gauge for the guide bar.

- **Guide Bar Overheats:**

- Check for sufficient lubrication: Ensure oil is reaching the bar and chain.
- Clean guide bar groove: Blockages can cause friction.
- Check chain tension: Too tight can cause friction and heat.
- Inspect for guide bar wear: Worn rails or nose sprocket can generate heat.

For persistent issues, consult a qualified service technician or refer to your chainsaw's original manual.

8. WARRANTY AND SUPPORT

Specific warranty information for this SECURA guide bar is not provided in the product data. For details regarding warranty coverage, claims, or technical support, please contact the manufacturer, SECURA, directly or refer to the documentation included with your purchase. Keep your proof of purchase for any warranty inquiries.

Manufacturer: SECURA

Reference: 7261881