

Secura 7261261

Secura Chainsaw Guide Bar Instruction Manual

Compatible with Homelite i4150b Chainsaws

1. INTRODUCTION

This instruction manual provides important information for the proper installation, use, and maintenance of your Secura Chainsaw Guide Bar. This guide bar is designed for compatibility with Homelite i4150b chainsaws.

Important: Chainsaws have varying cutting systems. Guide bar length and cutting length can differ. Additionally, different chain systems exist (e.g., large and small saw teeth), which require different drive sprockets. Therefore, it is crucial to count the drive links to determine the correct chain. The chain pitch (e.g., 3/8" P or 0.325" P) must also be known.

2. PRODUCT OVERVIEW

The Secura professional guide bar is a high-quality component for your chainsaw, engineered for durability and performance. It features a laminated guide bar with a riveted sprocket nose.

Key specifications include:

- **Working/Cutting Length:** 45cm (measured from the housing when mounted, +/- 1cm)
- **Chain Pitch:** 0.325 inches
- **Groove Width (Gauge):** 1.3mm
- **Number of Drive Links:** 72

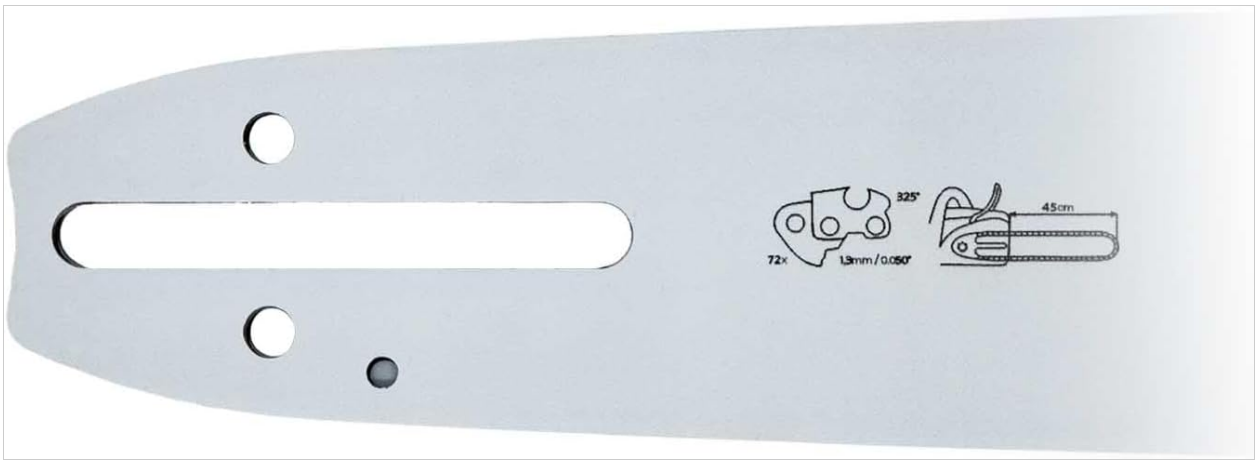


Image 1: Secura Chainsaw Guide Bar showing key specifications like 0.325" pitch, 1.3mm gauge, 72 drive links, and 45cm cutting length.

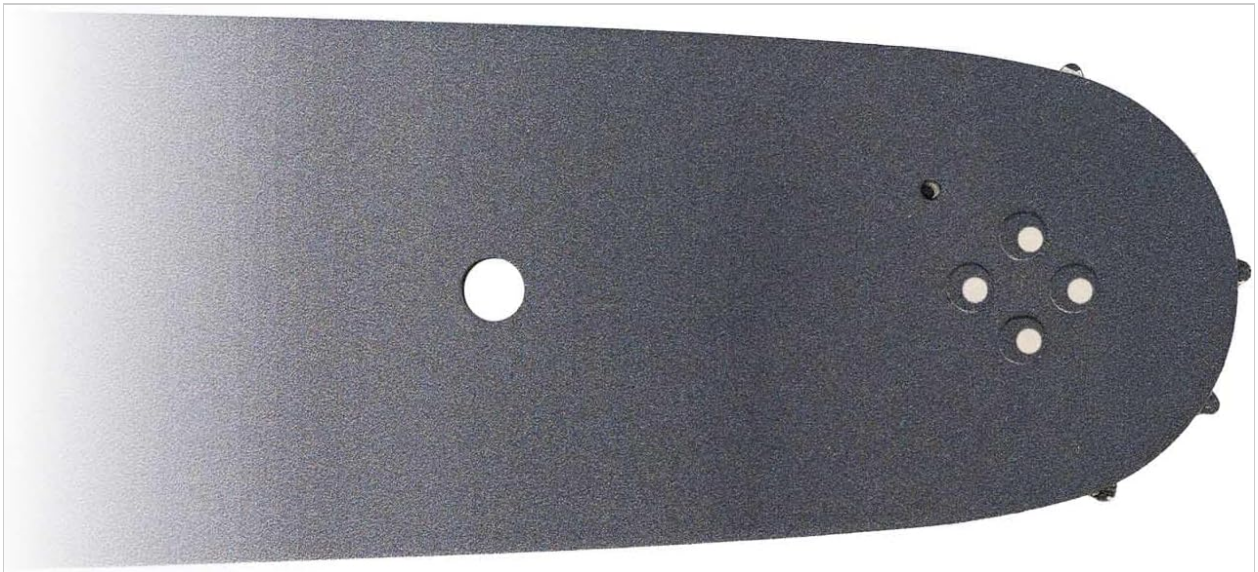


Image 2: Close-up view of the guide bar tip, highlighting the riveted sprocket nose for smooth chain movement.

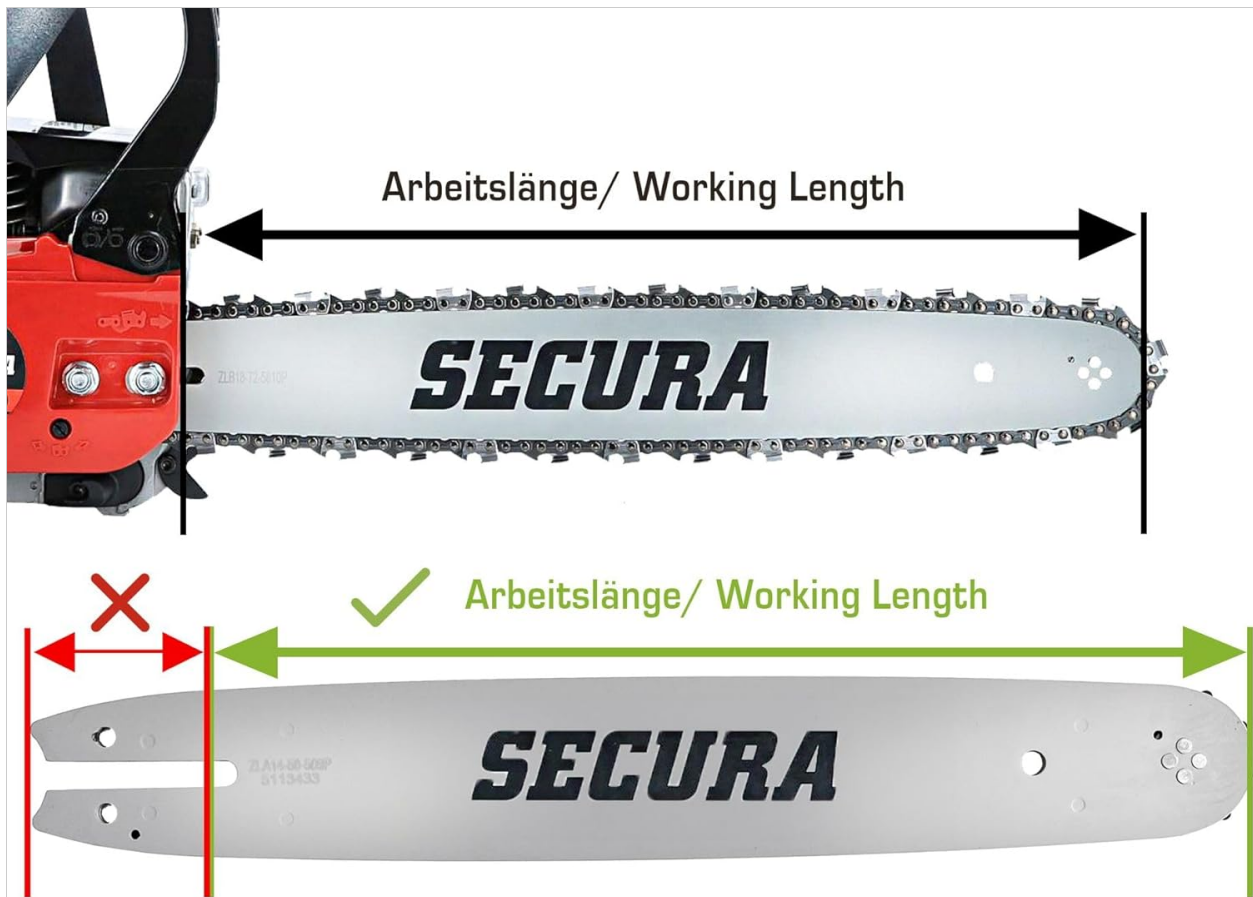


Image 3: Illustration demonstrating how to correctly measure the working length (Arbeitslänge) of a chainsaw guide bar, from the housing to the tip.

3. SETUP AND INSTALLATION

Proper installation is crucial for safe and efficient operation. Always refer to your chainsaw's original instruction manual for specific installation steps and safety precautions.

1. **Safety First:** Before installation, ensure the chainsaw is turned off, the spark plug cap is disconnected (for gasoline models), or the battery is removed (for electric models) to prevent accidental starting. Wear appropriate safety gear, including heavy-duty gloves.
2. **Remove Old Components:** If replacing an existing guide bar, carefully remove the old guide bar and chain.
3. **Clean Mounting Area:** Clean any sawdust, oil, or debris from the chainsaw's mounting area, especially around the guide bar studs and oiling port.
4. **Position Guide Bar:** Slide the new Secura guide bar onto the chainsaw's mounting studs.
5. **Install Chain:** Place the appropriate chain around the drive sprocket and into the guide bar groove. Ensure the cutting direction of the chain teeth is correct.
6. **Adjust Chain Tension:** Loosely re-attach the side cover and chain brake assembly. Adjust the chain tension according to your chainsaw manufacturer's instructions. The chain should be snug against the guide bar but still able to be pulled freely by hand without binding.
7. **Secure Cover:** Once tension is set, tighten the side cover nuts securely.

Maße einer Sägekette ermitteln How to measure a saw chain

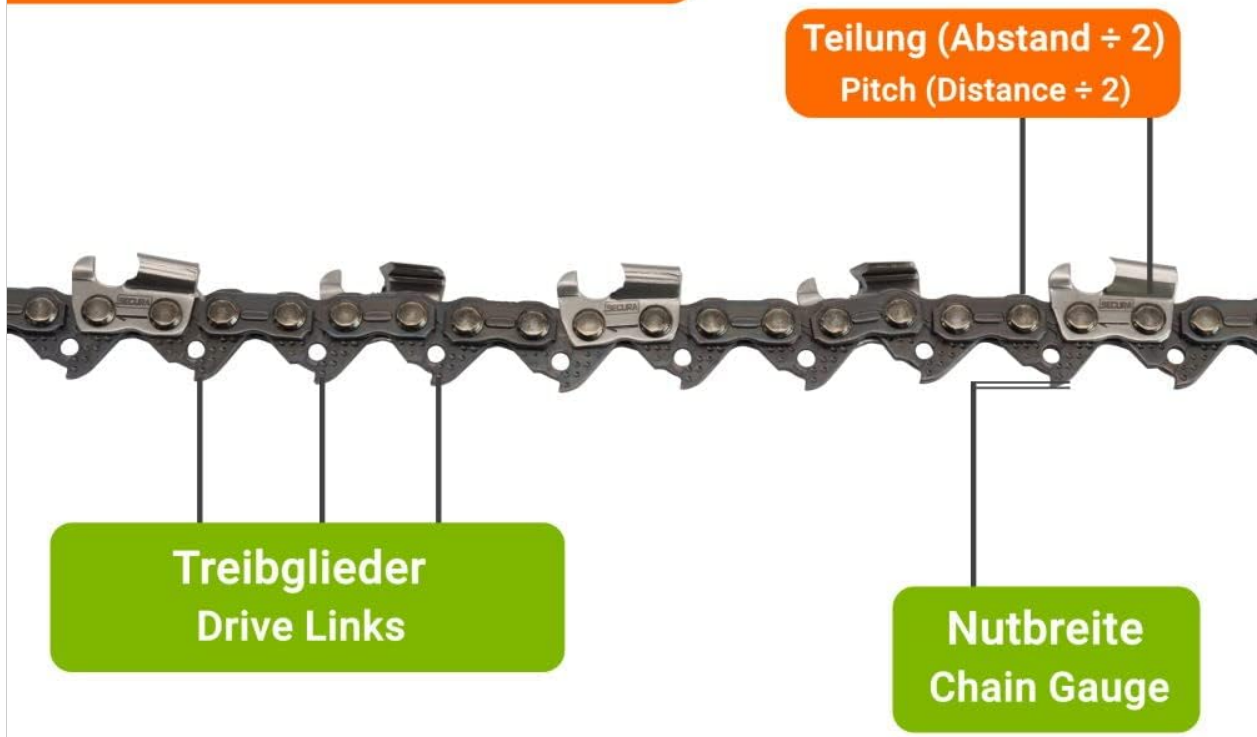


Image 4: Diagram illustrating how to measure a saw chain, showing Pitch (Teilung), Drive Links (Treibglieder), and Chain Gauge (Nutbreite).

4. OPERATING INSTRUCTIONS

While the guide bar itself does not have operational controls, its proper function is integral to chainsaw operation. Always follow your chainsaw's operating instructions.

- **Chain Tension Check:** Always check chain tension before starting work and periodically during operation. An improperly tensioned chain can derail, causing injury or damage to the chainsaw.
- **Lubrication:** Ensure the chainsaw's automatic oiling system is functioning correctly and that there is sufficient bar and chain oil in the reservoir. Proper lubrication is vital for reducing friction and wear on the guide bar and chain.
- **Inspect During Breaks:** During work breaks, visually inspect the guide bar for any signs of damage, excessive wear, or debris accumulation.

5. MAINTENANCE

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

- **Cleaning:** After each use, remove the guide bar and clean the groove thoroughly to remove sawdust, resin, and debris. Use a narrow tool or a guide bar cleaner.
- **Burr Removal:** Inspect the guide bar rails for burrs, which are raised edges caused by chain friction. File these burrs smooth with a flat file to prevent chain binding and uneven wear.
- **Sprocket Nose Inspection:** If your guide bar has a sprocket nose, check that it rotates freely and is not clogged with debris. Lubricate the sprocket nose bearing if recommended by the manufacturer (some are sealed).
- **Flip Guide Bar:** To ensure even wear on both sides of the guide bar rails, flip the guide bar periodically

(e.g., every time you sharpen the chain or replace it).

- **Replacement:** Replace the guide bar if the rails are significantly worn, bent, cracked, or if the groove is widened to the point where the chain wobbles excessively. A worn guide bar can cause poor cutting performance and increase the risk of kickback.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions related to the guide bar:

- **Chain Derailment:**
 - Check chain tension; it might be too loose.
 - Ensure the chain pitch and gauge correctly match the guide bar and drive sprocket.
 - Inspect the guide bar for excessive wear, bending, or damage to the rails.
- **Poor Cutting Performance / Chain Binding:**
 - Ensure the chain is sharp.
 - Verify proper chain tension.
 - Check the guide bar groove for debris or burrs on the rails that might cause the chain to bind.
 - Inspect the guide bar for uneven wear or damage.
- **Overheating Guide Bar:**
 - Verify the chainsaw's oiling system is functioning correctly and delivering oil to the guide bar.
 - Ensure the guide bar groove is clean and free of debris.
 - Check for proper chain tension; a too-tight chain can cause excessive friction.

7. SPECIFICATIONS

Manufacturer	Secura
Model Reference	7261261
ASIN	B0DHVQSBFX
Working/Cutting Length	45cm (+/- 1cm)
Chain Pitch	0.325 inches
Groove Width (Gauge)	1.3mm
Number of Drive Links	72
Spare Parts Availability	Information unavailable

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the retailer where the product was purchased or visit the official Secura website. Please note that information regarding the availability of spare parts for this specific model is not provided.

