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› [Oregon 180SDEA095 Double Protection Bar 18" Professional Low Stride Length 1cm User Manual](#)

Oregon 180SDEA095

Oregon 180SDEA095 Double Protection Bar User Manual

Model: 180SDEA095 | Brand: Oregon

1. INTRODUCTION

The Oregon 180SDEA095 Double Protection Bar is a lightweight and manoeuvrable guide bar designed for temporary lumberjack tasks using small electric and petrol chainsaws. This manual provides essential information for the proper installation, use, and maintenance of your guide bar to ensure optimal performance and safety.



Figure 1: The Oregon 180SDEA095 Double Protection Guide Bar. This image displays the full length of the guide bar, highlighting its sleek design and the prominent Oregon branding.

2. SETUP AND INSTALLATION

Proper installation of the guide bar is crucial for safe and efficient chainsaw operation. Always refer to your chainsaw's specific instruction manual for detailed steps on bar and chain installation.

2.1. Unpacking and Inspection

- Carefully remove the guide bar from its packaging.
- Inspect the bar for any signs of damage during shipping, such as bends, cracks, or burrs. Do not use a damaged bar.

2.2. Compatibility Check

Ensure the Oregon 180SDEA095 guide bar is compatible with your chainsaw and the chain you intend to use. Key compatibility factors include chain pitch, gauge, and drive link count.

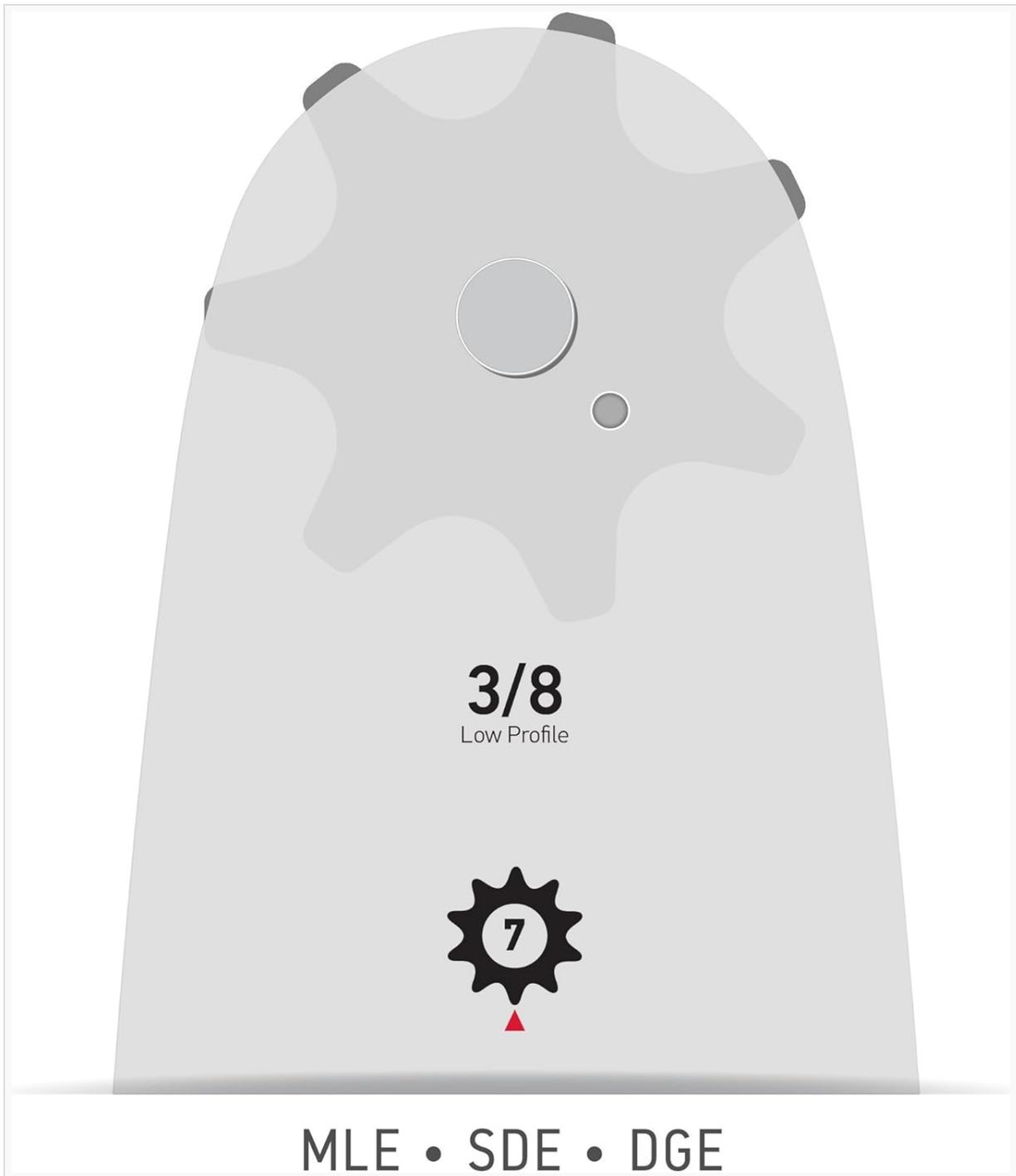


Figure 2: Bar tip indicating '3/8 Low Profile' and sprocket. This image shows the tip of the guide bar, detailing the '3/8 Low Profile' chain pitch compatibility and the integrated sprocket nose, which helps reduce friction and extend bar life.

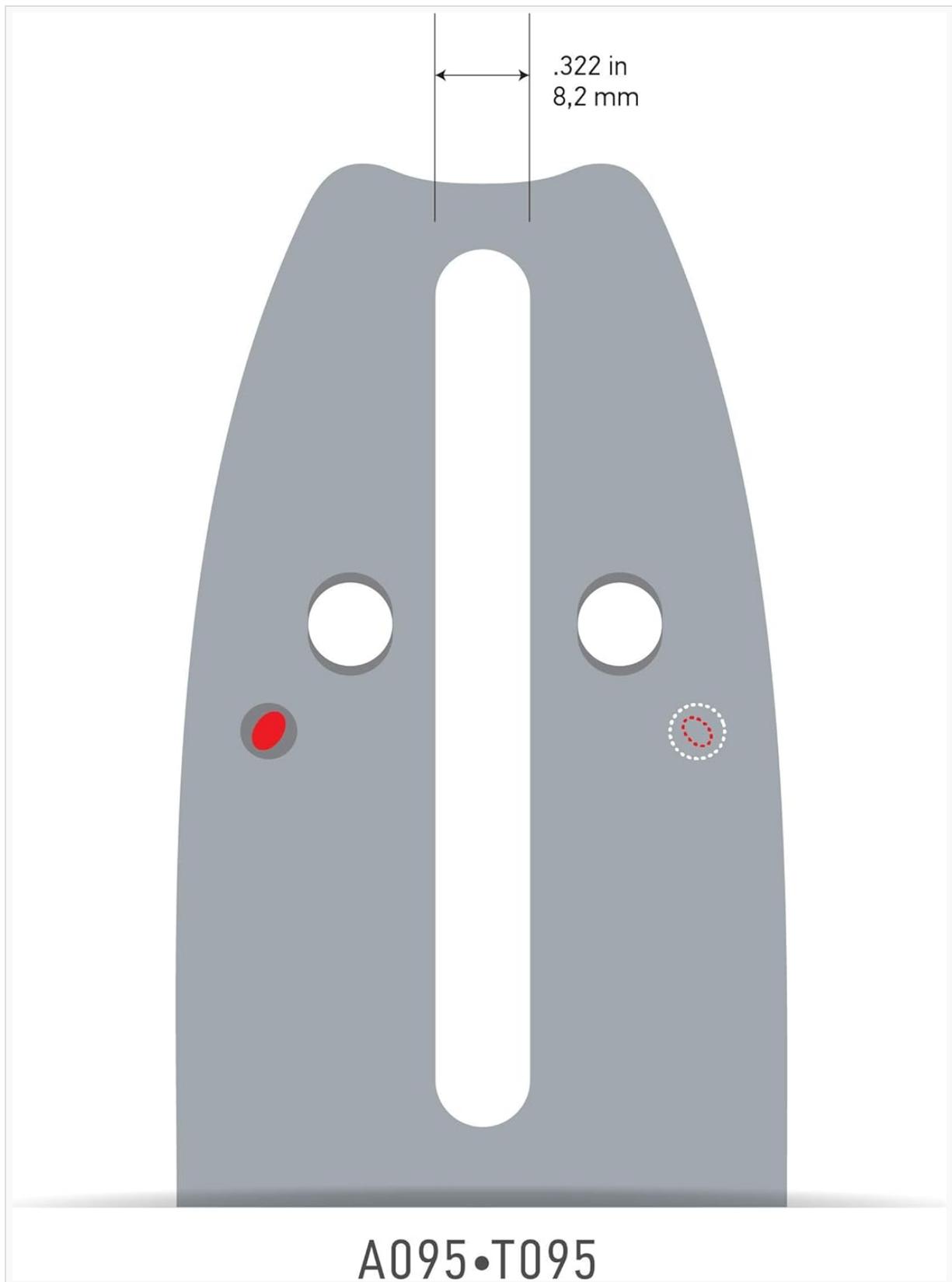


Figure 3: Bar base showing 'A095 T095' and measurements. This image illustrates the mounting pattern and gauge specifications ('A095 T095', .322 in / 8.2 mm) at the base of the guide bar, essential for matching with your chainsaw's mounting system and chain gauge.

2.3. Mounting the Bar and Chain

1. Ensure the chainsaw is turned off and the spark plug cap is disconnected (for petrol chainsaws) or the battery is removed (for electric chainsaws).
2. Remove the clutch cover/side plate of your chainsaw.
3. Slide the guide bar onto the mounting studs, ensuring the bar groove aligns with the drive sprocket.

4. Carefully fit the chain around the drive sprocket and into the guide bar groove. Ensure the cutting edges of the chain are facing the correct direction.
5. Replace the clutch cover/side plate, but do not fully tighten the nuts yet.
6. Adjust the chain tension according to your chainsaw's manual. The chain should be snug against the bottom of the bar, but still able to be pulled freely by hand.
7. Once tension is set, fully tighten the clutch cover/side plate nuts.

3. OPERATING GUIDELINES

While the guide bar itself does not operate, its proper function is integral to chainsaw performance. Always prioritize safety when operating a chainsaw.

- **Pre-Operation Check:** Before each use, verify the chain tension is correct, the bar groove is clear of debris, and the chain oiler is functioning.
- **Lubrication:** Ensure your chainsaw's automatic oiler is supplying adequate lubrication to the bar and chain. Insufficient lubrication can cause premature wear and overheating.
- **Cutting Technique:** Use proper cutting techniques to minimize stress on the bar and chain. Avoid twisting the bar in the cut.
- **Kickback Prevention:** Be aware of the kickback zone at the tip of the bar. Always maintain a firm grip on the chainsaw and a stable stance.

4. MAINTENANCE

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

4.1. Cleaning the Bar Groove

- After each use, or when changing the chain, remove the bar and clean the groove with a bar groove cleaner or a thin flat tool. This removes sawdust and debris that can impede chain movement and oil flow.

4.2. Checking for Burrs and Wear

- Inspect the rails of the guide bar for burrs (raised edges) caused by chain friction. File these burrs down with a flat file to prevent uneven chain wear and binding.
- Check for signs of uneven wear on the bar rails. Excessive wear on one side indicates improper chain tension or cutting technique.

4.3. Flipping the Bar

- To promote even wear and extend the life of your guide bar, flip it over periodically (e.g., every time you sharpen or replace the chain). This ensures both sides of the bar rails are subjected to similar wear patterns.

4.4. Sprocket Nose Lubrication (if applicable)

- If your guide bar has a sprocket nose (as indicated in Figure 2), lubricate it regularly using a grease gun designed for chainsaw bar noses. This reduces friction and heat at the bar tip.

5. TROUBLESHOOTING

This section addresses common issues related to the guide bar.

Problem	Possible Cause	Solution
Chain derails frequently	Incorrect chain tension; Worn bar groove; Incorrect chain/bar match.	Adjust chain tension; Clean bar groove; Replace worn bar; Ensure chain and bar are compatible.
Uneven wear on bar rails	Not flipping the bar; Improper cutting angle; Dull chain.	Flip the bar regularly; Maintain correct cutting angle; Sharpen or replace chain.
Bar overheating or smoking	Insufficient chain lubrication; Dull chain; Incorrect chain tension.	Check chain oiler and oil level; Sharpen or replace chain; Adjust chain tension.
Chain binds in cut	Bar groove clogged; Bent bar; Dull chain.	Clean bar groove; Replace bent bar; Sharpen or replace chain.

6. SPECIFICATIONS

Key specifications for the Oregon 180SDEA095 Double Protection Bar:

Specification	Value
Product Dimensions	55.88 x 10.16 x 0.64 cm
Item Weight	544.31 g
Part Number	180SDEA095
Item Display Weight	685 g
Material Type	Plastic
Manufacturer	Oregon Tool
Item Model Number	180SDEA095
ASIN	B0086OCZY6
Date First Available	24 Feb. 2013
Is discontinued by manufacturer	No

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Oregon 180SDEA095 Double Protection Bar, please refer to the official Oregon Tool website or contact their customer service directly.

You can visit the official Oregon Store for more information: [Oregon Store on Amazon](#)

