

[Manuals.plus](#) /

› [TrueCut](#) /

› TrueCut Chainsaw Bar & Chain Combo Replacement User Manual

TrueCut DCS4600, DCS500, DCS5000, DCS50001, DCS52, DCS520i

TrueCut Chainsaw Bar & Chain Combo User Manual

Model Compatibility: Makita DCS4600, DCS500, DCS5000, DCS50001, DCS52, DCS520i

1. INTRODUCTION

This user manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your TrueCut Chainsaw Bar & Chain Combo. This replacement part is designed for specific Makita chainsaw models, ensuring optimal performance and safety when used correctly. Please read this manual thoroughly before installation and use.

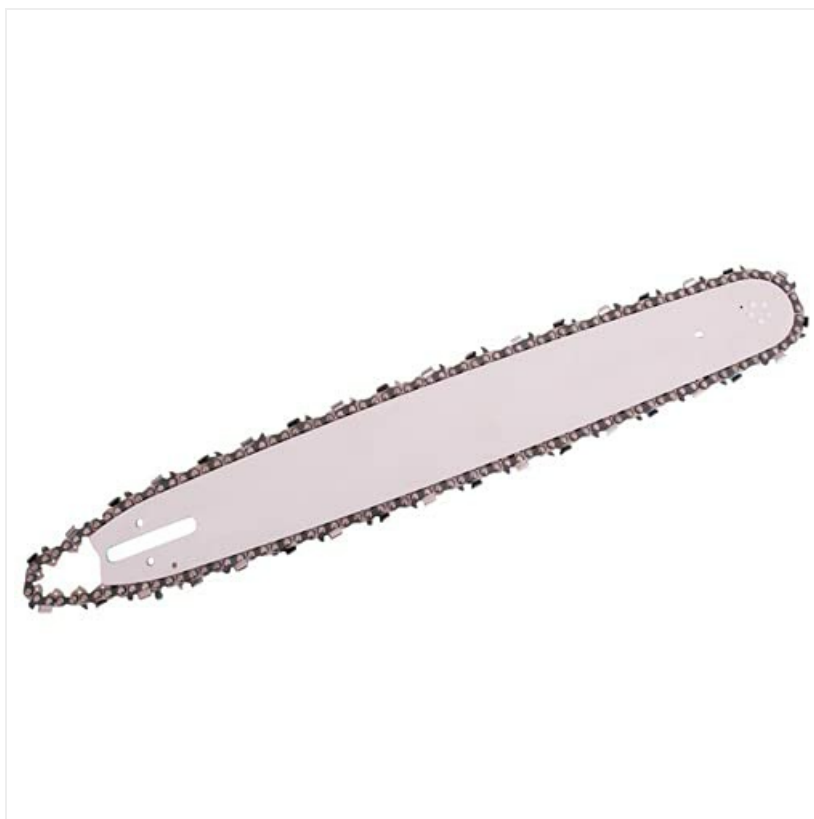


Image 1.1: The TrueCut 20-inch Chainsaw Bar and Chain Combo. This image displays the complete bar and chain assembly, ready for installation on compatible Makita chainsaw models. The bar is a light grey color, and the chain is dark metallic, wrapped around the perimeter of the bar.

2. SAFETY INFORMATION

Always prioritize safety when working with chainsaws and their components. Failure to follow safety guidelines can result in serious injury or death.

- **Read Chainsaw Manual:** Always refer to your chainsaw's original manufacturer's manual for specific safety instructions and procedures.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, gloves, and protective legwear, when handling or operating a chainsaw.
- **Inspect Before Use:** Before each use, inspect the bar and chain for any damage, wear, or loose components. Do not use if damaged.
- **Proper Installation:** Ensure the bar and chain are correctly installed and tensioned according to the instructions in this manual and your chainsaw's manual.
- **Chain Sharpening:** A dull chain can be dangerous. Keep the chain sharp and properly maintained.
- **Lubrication:** Ensure the chain is adequately lubricated with appropriate bar and chain oil during operation.

3. SETUP AND INSTALLATION

Installing the TrueCut Chainsaw Bar & Chain Combo requires careful attention to detail to ensure safe and effective operation. Refer to your specific Makita chainsaw model's manual for detailed instructions on removing the old bar and chain.

1. **Prepare Chainsaw:** Ensure the chainsaw is turned off, the spark plug cap is disconnected (for gas models), or the battery is removed (for electric models) to prevent accidental starting.
2. **Remove Old Bar and Chain:** Loosen the bar nuts and remove the clutch cover. Carefully remove the old guide bar and chain.
3. **Clean Components:** Clean any sawdust or debris from the clutch area, bar groove, and oil holes.
4. **Install New Chain:** Place the new chain around the clutch sprocket, ensuring the cutting edges are facing the correct direction (usually clockwise when viewed from the side).
5. **Position New Bar:** Slide the new guide bar onto the bar studs, aligning the chain drive links with the bar groove.
6. **Install Clutch Cover:** Replace the clutch cover and loosely tighten the bar nuts.
7. **Adjust Chain Tension:** While holding the tip of the bar up, adjust the chain tensioning screw until the chain fits snugly against the bottom of the bar, but can still be pulled around by hand without binding. The chain should not sag from the bottom of the bar.
8. **Tighten Bar Nuts:** Once tension is set, fully tighten the bar nuts. Re-check chain tension after tightening.
9. **Final Check:** Ensure the chain moves freely and is properly seated in the bar groove.

4. OPERATION GUIDELINES

While this manual focuses on the bar and chain, proper operation of the chainsaw itself is critical for safety and performance.

- **Chain Lubrication:** Always ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil. The chain must be continuously lubricated during operation to prevent premature wear and overheating.
- **Chain Brake:** Understand and properly use your chainsaw's chain brake mechanism.
- **Cutting Technique:** Follow safe cutting techniques as outlined in your chainsaw's manual. Avoid cutting with the tip of the bar to prevent kickback.
- **Regular Checks:** Periodically check chain tension during extended use, as it can loosen with heat and use.

5. MAINTENANCE

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

- **Chain Sharpening:** Sharpen the chain regularly using the correct file size and angle for a .325" pitch chain. A sharp chain cuts efficiently and reduces strain on the chainsaw.
- **Bar Groove Cleaning:** Periodically clean the guide bar groove to remove accumulated sawdust and debris. This ensures proper chain movement and lubrication.
- **Sprocket Nose Lubrication:** If your guide bar has a grease fitting on the sprocket nose, lubricate it regularly with a grease gun designed for chainsaw bars.
- **Bar Flipping:** To promote even wear, flip the guide bar periodically (e.g., every time you sharpen the chain or replace it).
- **Inspection:** Inspect the bar for burrs, cracks, or excessive wear on the rails. Inspect the chain for damaged or missing cutters, cracked links, or stretched rivets. Replace components as needed.

6. TROUBLESHOOTING

This section addresses common issues related to the chainsaw bar and chain.

Problem	Possible Cause	Solution
Chain not cutting efficiently / dull cut	Dull chain, incorrect sharpening angle, improper chain tension.	Sharpen chain, verify sharpening angle, adjust chain tension.
Chain smoking or overheating	Lack of lubrication, incorrect chain tension (too tight), dull chain, clogged bar groove.	Check oil reservoir, adjust tension, sharpen chain, clean bar groove.
Chain jumping off bar	Incorrect chain tension (too loose), worn bar groove, stretched chain.	Adjust tension, inspect bar for wear, consider chain replacement.
Excessive vibration	Damaged chain links, bent guide bar, improper installation.	Inspect chain and bar for damage, re-install components correctly.

7. SPECIFICATIONS

Key specifications for the TrueCut Chainsaw Bar & Chain Combo:

- Brand:** TrueCut
- Compatible Models:** Makita DCS4600, DCS500, DCS5000, DCS50001, DCS52, DCS520i
- Bar Length:** 20 Inches
- Chain Pitch:** 0.325 Inches
- Chain Gauge:** 0.050 Inches
- Chain Type:** Full Chisel
- Nose:** Sprocket Nose
- Product Dimensions:** 6 x 6 x 6 inches (packaging/shipping dimensions)
- Item Weight:** 5 ounces

8. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your TrueCut Chainsaw Bar & Chain Combo, please

contact the manufacturer or your point of purchase. Keep your purchase receipt as proof of ownership. This product is a replacement part and its warranty is typically limited to manufacturing defects. Always ensure proper installation and maintenance to avoid voiding any applicable warranty.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B01LTGK8E6>

More documents and user manuals: <https://manuals.plus/>