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> TrueCut Chainsaw Bar & Chain Combo Replacement Manual

TrueCut 18" .325"x.050"

TrueCut Chainsaw Bar & Chain Combo Replacement Manual

For Dolmar Models 109, 110, 111, 112, 113, 114, 115, 116, PS420

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your TrueCut Replacement Chainsaw Bar and Chain Combo. This high-quality replacement part is designed to ensure optimal performance for compatible Dolmar chainsaw models.

Key features include:

- Top Quality TrueCut Replacement Part
- Nose Sprocket Teeth for smooth operation

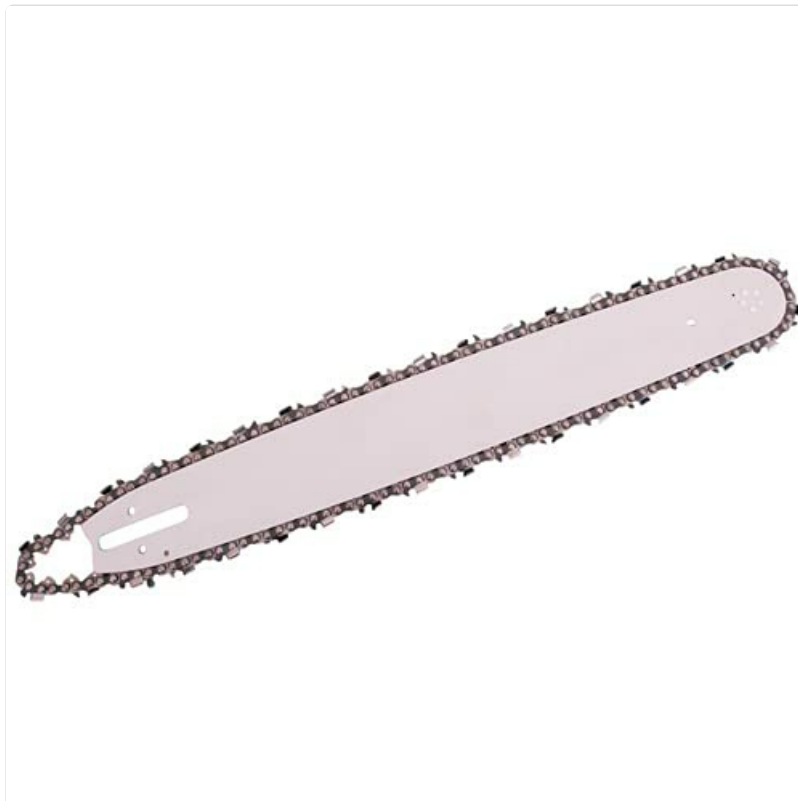


Figure 1: TrueCut Chainsaw Bar and Chain Combo. This image displays the complete replacement bar and chain assembly, ready for

SAFETY INFORMATION

Always prioritize safety when working with chainsaws. Read and understand your chainsaw's original operating manual before attempting any installation or maintenance. Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, hearing protection, and sturdy footwear.

- Ensure the chainsaw is turned off and the spark plug cap is disconnected before handling the bar or chain.
- Allow the engine and bar to cool down before maintenance.
- Handle the chain with care; it is sharp.

SETUP AND INSTALLATION

This section outlines the general steps for replacing your chainsaw bar and chain. Refer to your specific chainsaw model's manual for detailed instructions.

Tools Required:

- Chainsaw wrench (often included with chainsaw)
- Gloves
- Clean cloth

Installation Steps:

1. **Prepare the Chainsaw:** Ensure the chainsaw is off, the spark plug cap is removed, and the chain brake is disengaged.
2. **Remove Side Cover:** Loosen the bar nuts on the side cover and remove the cover. This will expose the clutch and drive sprocket.
3. **Remove Old Bar and Chain:** Carefully remove the old chain from the drive sprocket and then slide the old bar off the mounting studs.
4. **Clean Components:** Clean any sawdust, debris, or old oil from the clutch area, bar mounting studs, and oil port.
5. **Install New Bar:** Slide the new TrueCut bar onto the mounting studs. Ensure the bar's adjustment pin aligns with the hole in the bar.
6. **Install New Chain:** Place the new TrueCut chain around the drive sprocket, ensuring the cutting teeth are facing the correct direction (usually forward on the top of the bar). Guide the chain into the groove of the new bar.
7. **Replace Side Cover:** Reinstall the side cover and hand-tighten the bar nuts. Do not fully tighten yet.
8. **Adjust Chain Tension:** Using the chain tensioning screw (usually located on the side cover or near the bar studs), adjust the chain tension. The chain should be snug against the bottom of the bar, but you should still be able to pull it around the bar by hand without excessive force. It should not sag underneath the bar.
9. **Tighten Bar Nuts:** Once the tension is correct, fully tighten the bar nuts.
10. **Final Check:** Verify the chain moves freely and the tension is correct. Reconnect the spark plug cap.

OPERATING GUIDELINES

Proper operation ensures the longevity of your TrueCut bar and chain and safe use of your chainsaw.

- **Chain Lubrication:** Always ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil. The chain

and bar require constant lubrication during operation to prevent excessive wear and heat buildup.

- **Chain Tension Check:** Before each use, check the chain tension. A loose chain can derail, and a too-tight chain can cause premature wear to the bar, chain, and sprocket.
- **Sharp Chain:** Operate only with a sharp chain. A dull chain increases effort, causes excessive vibration, and can damage the bar.
- **Proper Cutting Technique:** Use proper cutting techniques as outlined in your chainsaw's manual to avoid kickback and ensure efficient cutting.

MAINTENANCE

Regular maintenance extends the life of your TrueCut bar and chain and maintains cutting efficiency.

- **Chain Sharpening:** Sharpen the chain regularly. A sharp chain cuts efficiently and reduces strain on the chainsaw engine. Follow the manufacturer's guidelines for the correct file size and sharpening angle for your chain.
- **Bar Cleaning:** Periodically remove the bar and clean the guide groove to remove sawdust and debris. This ensures proper chain movement and lubrication.
- **Bar Flipping:** To promote even wear, flip the guide bar over periodically (e.g., every 8-10 hours of use).
- **Sprocket Nose Lubrication:** If your bar has a sprocket nose, ensure it is lubricated regularly using a grease gun designed for chainsaw bar noses.
- **Inspect Drive Sprocket:** Check the chainsaw's drive sprocket for wear. A worn sprocket can damage the chain and bar.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain, incorrect chain tension, insufficient lubrication	Sharpen chain, adjust tension, check oil reservoir and oil flow
Chain derails from bar	Loose chain tension, worn drive sprocket, damaged bar groove	Adjust chain tension, inspect/replace drive sprocket, inspect/replace bar
Bar overheating or smoking	Insufficient lubrication, incorrect chain tension, clogged oil port	Check oil reservoir, adjust tension, clean oil port and bar groove
Excessive vibration	Dull chain, bent bar, worn drive sprocket	Sharpen chain, inspect/replace bar, inspect/replace drive sprocket

SPECIFICATIONS

Attribute	Detail
Brand	TrueCut
Product Type	Chainsaw Bar & Chain Combo Replacement
Compatible Models	Dolmar Models 109, 110, 111, 112, 113, 114, 115, 116, PS420
Bar Length	18 Inches
Chain Pitch & Gauge	.325" x .050"

Attribute	Detail
Product Dimensions	6 x 6 x 6 inches
Item Weight	2.88 Pounds
Manufacturer	TrueCut
ASIN	B01LTGGJ9Y

WARRANTY AND SUPPORT

Specific warranty information for this TrueCut Replacement Chainsaw Bar and Chain Combo is not provided in the product details. For warranty claims, technical support, or further inquiries, please contact the manufacturer, TrueCut, directly.

It is recommended to retain your purchase receipt as proof of purchase for any warranty-related matters.

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This manual is for informational purposes only. Always follow safety guidelines and consult professional assistance if unsure.