

Oregon 614388

Oregon 614388 Speedcut Nano 10" .325" Low Profile Conversion Kit Instruction Manual

Model: 614388

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Oregon 614388 Speedcut Nano 10" .325" Low Profile Conversion Kit. The SpeedCut Nano system is engineered for maximum efficiency, offering a .325" Low Profile design intended to optimize chainsaw performance for tree care professionals.

This kit is designed to enhance cutting efficiency, provide smooth cuts, and minimize cutting chatter. It is compatible with Husqvarna T435 chainsaws.

2. SAFETY INFORMATION

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

- Read and understand your chainsaw's original instruction manual before installing or operating this conversion kit.
- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and protective footwear.
- Ensure the chainsaw is turned off and the spark plug cap is disconnected (for gasoline models) or the battery is removed (for electric models) before performing any installation or maintenance.
- Inspect all components for damage before each use. Do not use damaged parts.
- Keep bystanders and pets away from the work area.

3. PACKAGE CONTENTS

The Oregon 614388 Speedcut Nano 10" .325" Low Profile Conversion Kit typically includes the following components:

- 10-inch Speedcut Nano Guide Bar
- Speedcut Nano .325" Low Profile Saw Chain (46 drive links)

- 7-tooth Spur Sprocket



This image displays the Oregon Speedcut Nano 10-inch conversion kit. It includes the guide bar, a box containing the Speedcut Nano chain, and a smaller box likely containing the drive sprocket. The packaging highlights key specifications such as 'SpeedCut Nano' and 'Husqvarna' compatibility.

4. SETUP AND INSTALLATION

Refer to your chainsaw's owner's manual for specific instructions on removing and installing the guide bar, chain, and sprocket. The general steps are as follows:

1. **Prepare Chainsaw:** Ensure the chainsaw is off, the spark plug cap is disconnected (gas models) or battery removed (electric models), and the chain brake is disengaged.
2. **Remove Old Components:** Loosen the bar nuts and remove the clutch cover. Carefully remove the old guide bar, saw chain, and drive sprocket. Clean any sawdust or debris from the clutch area.
3. **Install New Sprocket:** Place the new 7-tooth spur sprocket onto the clutch drum. Ensure it seats correctly.
4. **Install New Guide Bar:** Position the new 10-inch Speedcut Nano guide bar over the bar studs.
5. **Install New Chain:** Carefully place the Speedcut Nano chain around the sprocket and into the guide bar groove. Ensure the cutting edges of the chain are facing the correct direction (refer to the arrows on the chain or your chainsaw manual).
6. **Replace Clutch Cover:** Reinstall the clutch cover and hand-tighten the bar nuts.
7. **Adjust Chain Tension:** Adjust the chain tension according to your chainsaw's manual. The chain should be snug against the bottom of the guide bar, but still able to be pulled freely by hand. It should not sag underneath the bar.
8. **Tighten Bar Nuts:** Fully tighten the bar nuts.
9. **Final Check:** Reconnect the spark plug cap or insert the battery. Briefly run the chainsaw at low speed to ensure the chain rotates smoothly and the tension remains correct. Re-check tension after the first few cuts.

5. OPERATING GUIDELINES

Proper operation ensures safety and extends the life of your Speedcut Nano kit.

- **Lubrication:** Ensure your chainsaw's automatic oiler is functioning correctly and filled with appropriate bar and chain oil. Adequate lubrication is critical for chain and bar life.
- **Cutting Technique:** Always use proper cutting techniques as outlined in your chainsaw's manual. Avoid forcing the chain; let the chain do the work.
- **Kickback Prevention:** Be aware of potential kickback. Maintain a firm grip on the chainsaw with both hands and avoid cutting with the tip of the guide bar.
- **Chain Sharpness:** A sharp chain cuts efficiently and safely. A dull chain will produce sawdust instead of chips and require more force, increasing the risk of kickback.

6. MAINTENANCE

Regular maintenance is crucial for the performance and longevity of your Speedcut Nano conversion kit.

- **Chain Sharpening:** Sharpen the chain regularly using a 5/32" (4.0 mm) round file. Maintain the correct filing angles as specified by Oregon. A sharp chain is essential for safe and efficient operation.
- **Guide Bar Maintenance:**
 - Clean the guide bar groove regularly to remove sawdust and debris.
 - Remove burrs from the guide bar rails using a flat file.
 - Flip the guide bar periodically to ensure even wear on both sides.

- **Sprocket Inspection:** Inspect the drive sprocket for wear. Replace the sprocket if it shows signs of wear, such as pointed or hooked teeth, as a worn sprocket can damage the chain.
- **Chain Tension:** Check chain tension frequently, especially during initial use and after extended cutting periods. Adjust as needed.

7. TROUBLESHOOTING

Here are common issues and their potential solutions:

Problem	Possible Cause	Solution
Chain not cutting efficiently / producing sawdust	Dull chain	Sharpen chain or replace if severely worn.
Chain binds or stops	Improper chain tension; lack of lubrication; damaged bar/chain	Adjust chain tension; check oiler and oil level; inspect for damage.
Excessive vibration	Loose components; worn sprocket; damaged chain	Check all fasteners; inspect sprocket and chain for wear/damage.
Chain jumps off bar	Incorrect chain tension; worn guide bar groove; worn sprocket	Adjust tension; inspect guide bar and sprocket for wear.

8. SPECIFICATIONS

- **Model Number:** 614388
- **Pitch:** .325" Low Profile narrow kerf
- **Gauge:** .043" (1.1 mm)
- **Chain Drive Link Count:** 46
- **Bar Length:** 10 inches (25 cm)
- **Sprocket:** 7-tooth spur
- **Product Dimensions:** 12 x 4 x 4 inches
- **Item Weight:** 1.54 pounds
- **Manufacturer:** Oregon Tool
- **Compatibility:** Fits Husqvarna T435

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Oregon Speedcut Nano conversion kit, please refer to the official Oregon website or contact Oregon customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the [Oregon Store on Amazon](#) for additional product information and resources.

