

389151940336

Generic 16-inch Atlas Cordless Chainsaw Chain User Manual

Model: 389151940336

INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your Generic 16-inch Semi-Chisel Chainsaw Chain. This chain is designed for the 16-inch Atlas Cordless Chainsaw 40V Battery Powered model. Please read this manual thoroughly before installation and operation.



Image: Generic 16-inch Semi-Chisel Chainsaw Chain, showing its semi-chisel cutting teeth and drive links.

SAFETY INFORMATION

Always prioritize safety when handling chainsaw chains. Improper installation or use can lead to serious injury.

- Wear appropriate personal protective equipment (PPE), including gloves, eye protection, and sturdy footwear.
- Ensure the chainsaw is turned off and the battery is removed before performing any maintenance or chain replacement.
- Refer to your chainsaw's main instruction manual for specific safety guidelines related to the chainsaw unit itself.
- Keep hands and body clear of the chain when the chainsaw is in operation.

SETUP AND INSTALLATION

Follow these steps to correctly install the chainsaw chain on your 16-inch Atlas Cordless Chainsaw 40V.

1. **Prepare the Chainsaw:** Ensure the chainsaw is powered off and the battery is removed. Place the chainsaw on a stable, flat surface.
2. **Remove the Chain Cover:** Loosen and remove the nuts or knobs securing the chain cover. Carefully remove the chain cover and the old chain and guide bar, if present.
3. **Inspect Components:** Check the guide bar for wear or damage. Clean any sawdust or debris from the guide bar groove and the sprocket area.
4. **Install the New Chain:**
 - Orient the chain correctly. The cutting edges should face forward, away from the chainsaw body, on the top side of the guide bar.
 - Place the chain around the drive sprocket (located near the chainsaw body).
 - Fit the chain into the groove of the guide bar, ensuring all drive links are seated properly.
5. **Reattach Guide Bar and Cover:** Slide the guide bar onto the mounting studs, ensuring the chain tensioning pin engages with the hole in the guide bar. Replace the chain cover and hand-tighten the nuts/knobs.
6. **Adjust Chain Tension:** While holding the tip of the guide bar up, adjust the chain tensioning screw until the chain is snug against the guide bar but can still be pulled freely by hand. There should be no slack on the underside of the guide bar, but the chain should not be overly tight.
7. **Final Tightening:** Fully tighten the chain cover nuts/knobs. Recheck chain tension after tightening.

OPERATING GUIDELINES

Once the chain is installed, ensure proper lubrication and safe operating practices.

- **Chain Lubrication:** Always ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil. The chain requires constant lubrication during operation to prevent overheating and wear.
- **Pre-Operation Check:** Before each use, check chain tension, oil level, and ensure all fasteners are secure.
- **Cutting Technique:** Allow the chain to do the work. Do not force the chainsaw through wood. Maintain a firm grip with both hands and stand in a balanced position.
- **Kickback Prevention:** Be aware of the kickback danger zone at the tip of the guide bar. Avoid cutting with this area.

MAINTENANCE

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

- **Sharpening:** Sharpen the chain regularly using a round file of the correct diameter (typically 5/32" for 3/8"LP chains) and a filing guide. Maintain the correct filing angles. A dull chain increases effort and risk.
- **Cleaning:** After each use, clean sawdust and debris from the chain, guide bar groove, and sprocket.

- **Inspection:** Periodically inspect the chain for damaged or missing drive links, cracks, or excessive wear. Replace the chain if any significant damage is found.
- **Storage:** When not in use, store the chain in a dry place to prevent rust. Applying a light coat of oil can also help.

TROUBLESHOOTING

Common issues and their solutions related to the chainsaw chain.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain, incorrect tension, insufficient oil.	Sharpen chain, adjust tension, check oil reservoir and lubrication system.
Chain smoking or overheating	Insufficient lubrication, chain too tight, dull chain.	Check oil, loosen chain tension slightly, sharpen chain.
Chain coming off guide bar	Chain too loose, worn guide bar groove, damaged drive links.	Adjust chain tension, inspect and replace guide bar if worn, replace damaged chain.

SPECIFICATIONS

- **Chain Type:** Semi-Chisel
- **Chain Length:** 16 inches
- **Pitch:** 3/8"LP (Low Profile)
- **Gauge:** .043 inches
- **Drive Links:** 56
- **Compatibility:** Designed for 16-inch Atlas Cordless Chainsaw 40V Battery Powered
- **Model Number:** 389151940336

WARRANTY AND SUPPORT

For warranty information or technical support regarding this Generic chainsaw chain, please refer to the original purchase documentation or contact the retailer where the product was acquired. As this is a replacement part, specific warranty terms may vary.

For support related to the Atlas Cordless Chainsaw 40V itself, please consult the manufacturer's manual for that specific tool.