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WORX WA0142

WORX WA0142 Replacement Chain for WG324E Pruning Saw - Instruction Manual

Model: WA0142

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use, installation, and maintenance of the WORX WA0142 Replacement Chain. This chain is specifically designed for use with the WORX WG324E and WG324E.9 Pruning Saws. Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure proper operation and safety.



Image 1.1: The WORX WA0142 Replacement Chain. This image displays the 12cm semi-chisel chain, coiled for packaging, highlighting its individual links and cutting teeth.

2. SAFETY INFORMATION

WARNING: Always disconnect the battery pack from the pruning saw before performing any assembly, adjustments, cleaning, or maintenance.

Failure to follow these instructions can result in serious personal injury or property damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear, when handling the chain or working with the pruning saw.
- The chain has sharp edges. Handle with extreme care to prevent cuts.
- Ensure the pruning saw is stable and securely placed on a flat surface during chain replacement.
- Keep children and bystanders away from the work area.
- Only use genuine WORX replacement parts to maintain product integrity and safety.

3. COMPATIBILITY

The WORX WA0142 Replacement Chain is specifically designed for and compatible with the following WORX pruning saw models:

- WORX WG324E Pruning Saw
- WORX WG324E.9 Pruning Saw

Using this chain with incompatible models may result in poor performance, damage to the saw, or personal injury.



Image 3.1: The WORX WG324E Pruning Saw. This image shows the compact, battery-powered pruning saw with a chain and guide bar installed, demonstrating the tool for which the WA0142 chain is a replacement part.

4. CHAIN INSTALLATION (REPLACEMENT)

Follow these steps carefully to replace the chain on your WORX WG324E or WG324E.9 Pruning Saw.

1. **Prepare the Saw:** Ensure the pruning saw is turned off and the battery pack is removed. Place the saw on a clean, stable surface.
2. **Loosen the Guide Bar Nut:** Locate the guide bar retaining nut (usually on the side cover). Use the appropriate tool (often included with the saw) to loosen this nut. Do not remove it completely at this stage.
3. **Remove Side Cover:** Once the nut is loose, carefully remove the side cover that holds the guide bar in place.
4. **Remove Old Chain and Guide Bar:** Lift the guide bar slightly and carefully remove the old chain

from the drive sprocket and the guide bar. Set aside the old chain and guide bar.

5. **Clean Components:** Clean any sawdust, debris, or old lubricant from the drive sprocket area, the guide bar groove, and the inside of the side cover.
6. **Install New Chain:**
 - Place the new WORX WA0142 chain onto the guide bar, ensuring the cutting edges of the teeth are facing in the correct direction (usually forward, away from the saw body, on the top side of the bar).
 - Fit the chain around the drive sprocket.
 - Align the guide bar onto the saw's mounting studs, ensuring the chain is properly seated in the guide bar groove and around the sprocket.
7. **Adjust Chain Tension:**
 - Re-attach the side cover and hand-tighten the guide bar nut.
 - Locate the chain tensioning screw (typically on the side cover or near the guide bar).
 - Turn the tensioning screw to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no slack on the underside of the guide bar, and the drive links should not come out of the guide bar groove.
 - A good test is to lift the chain in the middle of the top side of the bar; it should lift slightly but not expose the drive links from the groove.
8. **Tighten Guide Bar Nut:** Once the tension is correctly set, fully tighten the guide bar retaining nut securely.
9. **Final Check:** Re-check the chain tension after tightening the nut. The tension can sometimes change slightly. If necessary, loosen the nut, readjust tension, and re-tighten.

5. PRE-OPERATION CHECK

Before each use of your WORX WG324E Pruning Saw with the new WA0142 chain, perform the following checks:

- **Chain Tension:** Verify that the chain tension is correct as described in the installation section. An improperly tensioned chain can derail or cause excessive wear.
- **Chain Lubrication:** Ensure the saw's automatic oiler (if equipped) is functioning and the oil reservoir is filled with appropriate chain lubricant. Proper lubrication is critical for chain life and cutting performance.
- **Chain Condition:** Inspect the chain for any damage, dullness, or missing links. Replace the chain if it shows signs of significant wear or damage.

6. MAINTENANCE

Regular maintenance extends the life of your WA0142 replacement chain and ensures optimal performance of your pruning saw.

- **Cleaning:** After each use, remove the chain and guide bar (following installation steps in reverse) and clean off any sap, sawdust, and debris. Use a stiff brush and appropriate cleaning solution if necessary.
- **Lubrication:** Always ensure the chain is adequately lubricated during operation. Check the saw's oil reservoir regularly.
- **Sharpening:** The WA0142 chain is designed for cutting. Over time, the cutting teeth will become dull.

Sharpening should be performed by a qualified technician or using appropriate sharpening tools and techniques specific to semi-chisel chains. Refer to your WG324E saw manual for sharpening specifications.

- **Storage:** When not in use, store the chain in a dry, clean place to prevent rust. If storing for extended periods, lightly oil the chain to protect it.

7. TROUBLESHOOTING COMMON ISSUES

If you encounter problems with your WA0142 chain, consider the following:

Issue	Possible Cause	Solution
Chain comes off guide bar	Incorrect chain tension (too loose); Worn guide bar; Damaged chain.	Adjust chain tension; Inspect and replace guide bar if worn; Replace chain if damaged.
Chain not cutting efficiently	Dull chain; Incorrect chain direction; Insufficient lubrication.	Sharpen chain; Reinstall chain with correct direction; Check oil reservoir and lubrication system.
Excessive smoke during operation	Insufficient chain lubrication; Dull chain; Incorrect cutting technique.	Check oiler and reservoir; Sharpen chain; Review cutting technique.

8. SPECIFICATIONS

- **Model:** WA0142
- **Chain Length:** 12 cm (approximately 4.7 inches)
- **Chain Type:** Semi-Chisel
- **Compatibility:** WORX WG324E, WG324E.9 Pruning Saws
- **Included Components:** 1x WA0142 Replacement Chain
- **Item Weight:** Approximately 2.46 ounces (70 grams)
- **Product Dimensions:** 3.94 x 3.27 x 1.38 inches (packaged)

9. WARRANTY AND SUPPORT

For information regarding the warranty of your WORX WA0142 Replacement Chain or for technical support, please refer to the documentation included with your WORX WG324E Pruning Saw or visit the official WORX website. You may also contact WORX customer service directly for assistance.

WORX Official Website: www.worx.com