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RYOBI 5132002588

Ryobi RAC234 Chainsaw Chain Instruction Manual

Model: RAC234 (5132002588)

1. Introduction

This instruction manual provides essential information for the safe and effective use, installation, and maintenance of your Ryobi RAC234 Chainsaw Chain. This chain is specifically designed for use with Ryobi OPP1820 ONE+ and RPP1820li pruners. Please read this manual thoroughly before installation or operation to ensure proper handling and to maximize the lifespan of your product.



Image 1: The Ryobi RAC234 Chainsaw Chain, a 20 cm, 33-link replacement chain.

2. Safety Information

Always prioritize safety when working with chainsaw chains and power tools. Failure to follow safety instructions can result in serious injury or property damage.

- **Read the Pruner Manual:** Always refer to the instruction manual of your Ryobi OPP1820 or RPP1820li pruner for specific safety guidelines related to the tool itself.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, gloves, and sturdy footwear, when handling or operating the chain and pruner.
- **Inspect Before Use:** Before each use, inspect the chain for any damage, dullness, or missing links. Never use a damaged chain.
- **Proper Tension:** Ensure the chain is correctly tensioned according to your pruner's manual. An improperly tensioned chain can derail, causing injury or damage.
- **Sharpness:** A sharp chain is safer and more efficient. A dull chain can cause kickback and require more force, leading to fatigue and potential accidents.

- **Storage:** Store the chain in a dry, safe place, out of reach of children and unauthorized persons.

3. Product Overview

The Ryobi RAC234 is a high-quality replacement chain designed to maintain the cutting performance of your Ryobi pruner. It features durable metal construction and precise engineering for efficient wood cutting.

Key Features:

- **Compatibility:** Specifically designed for Ryobi OPP1820 ONE+ (model 5133001250) and RPP1820li pruners.
- **Dimensions:** 20 cm (8 inches) cutting length.
- **Link Count:** Features 33 drive links for optimal fit and performance.
- **Material:** Constructed from robust metal for durability and cutting efficiency.

4. Installation (Setup)

Installing the new chain requires careful attention to detail. Always ensure the pruner is turned off and the battery is removed before attempting any installation or maintenance.

1. **Prepare the Pruner:** Ensure the pruner is disconnected from its power source (battery removed for cordless models). Place it on a stable, flat surface.
2. **Remove Old Chain (if applicable):** Loosen the bar nuts or chain tensioning knob on your pruner. Carefully remove the side cover, guide bar, and the old chain. Dispose of the old chain responsibly if it is damaged.
3. **Clean Components:** Clean any sawdust, debris, or old oil from the guide bar groove, sprocket, and inside the chain housing.
4. **Install New Chain:** Place the new Ryobi RAC234 chain onto the sprocket, ensuring the cutting edges of the chain teeth are facing in the correct direction (usually forward, away from the pruner body, as indicated by arrows on the chain or guide bar).
5. **Position Guide Bar:** Fit the chain into the groove of the guide bar. Slide the guide bar onto the pruner's mounting studs, ensuring the chain is properly seated around the sprocket.
6. **Replace Side Cover:** Reinstall the side cover and loosely tighten the bar nuts.
7. **Adjust Chain Tension:** Adjust the chain tension according to your pruner's instruction manual. The chain should be snug against the guide bar but still able to be pulled freely by hand. It should not sag underneath the bar.
8. **Final Tightening:** Once the tension is correct, fully tighten the bar nuts.
9. **Lubrication:** Ensure the pruner's automatic oiler (if equipped) is filled with appropriate chain oil, or manually lubricate the chain and guide bar as per your pruner's manual.

Note: For detailed, model-specific installation steps, always consult the original instruction manual for your Ryobi OPP1820 or RPP1820li pruner.

5. Operating the Chain (General Use)

Once the chain is correctly installed and tensioned, you can operate your pruner. Remember that the chain's performance is directly linked to its sharpness and proper lubrication.

- **Pre-Operation Check:** Before each use, check chain tension, oil level, and ensure all fasteners are tight.
- **Proper Cutting Technique:** Allow the chain to do the work. Do not force the pruner through wood. Maintain a firm grip and balanced stance.
- **Avoid Obstructions:** Do not cut into dirt, rocks, metal, or other hard objects, as this will dull or damage the chain instantly.
- **Regular Lubrication:** Ensure the chain is continuously lubricated during operation. Insufficient lubrication will cause

premature wear to both the chain and guide bar.

6. Maintenance

Regular maintenance is crucial for the longevity and safe operation of your Ryobi RAC234 chain.

Chain Sharpening:

A sharp chain cuts efficiently and safely. Sharpen the chain regularly or replace it when it becomes dull or damaged beyond repair. Refer to your pruner's manual for specific sharpening angles and file sizes. Typically, a round file matching the chain's pitch is used.

Cleaning:

After each use, clean the chain and guide bar. Remove sawdust, sap, and debris. This prevents buildup that can hinder performance and cause wear.

Lubrication:

Always use high-quality chain oil. Ensure the oil reservoir on your pruner is filled before each use. Proper lubrication reduces friction and heat, extending the life of the chain and guide bar.



Image 2: Ryobi offers a range of accessories, including sharpening tools and replacement parts, to help maintain your equipment.

7. Troubleshooting

Most common issues related to chainsaw chains can be resolved with simple checks.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain; Incorrect sharpening angle; Chain installed backward	Sharpen chain; Correct sharpening angle; Reinstall chain with cutting edges facing forward
Chain smoking or overheating	Lack of lubrication; Incorrect chain tension (too tight); Dull chain	Check oil reservoir and oiler; Adjust chain tension; Sharpen or replace chain

Problem	Possible Cause	Solution
Chain derails from guide bar	Incorrect chain tension (too loose); Worn guide bar; Damaged chain	Adjust chain tension; Inspect and replace guide bar if worn; Replace damaged chain
Excessive vibration	Damaged or bent chain; Worn sprocket	Replace damaged chain; Inspect and replace sprocket if worn

If problems persist after attempting these solutions, contact Ryobi customer support or a qualified service technician.

8. Specifications

Specification	Detail
Model Number	RAC234 (5132002588)
Brand	RYOBI
Chain Length	20 cm (8 inches)
Number of Drive Links	33 Links
Chain Style	OPP Chain
Material	Metal
Compatibility	Ryobi OPP1820 ONE+ (5133001250), RPP1820li Pruners
Approx. Product Dimensions (L x W x H)	11.9 x 70 x 25 cm (packaging)
Approx. Product Weight	101 grams
International Article Code (EAN/UPC)	04892210817648
First Available on Amazon.fr	March 4, 2013

Note: Specifications are subject to change without notice for product improvement.

9. Warranty and Support

Specific warranty details for the Ryobi RAC234 Chainsaw Chain are not provided in this manual. For information regarding warranty coverage, product support, or to find authorized service centers, please visit the official Ryobi website or contact Ryobi customer service directly.

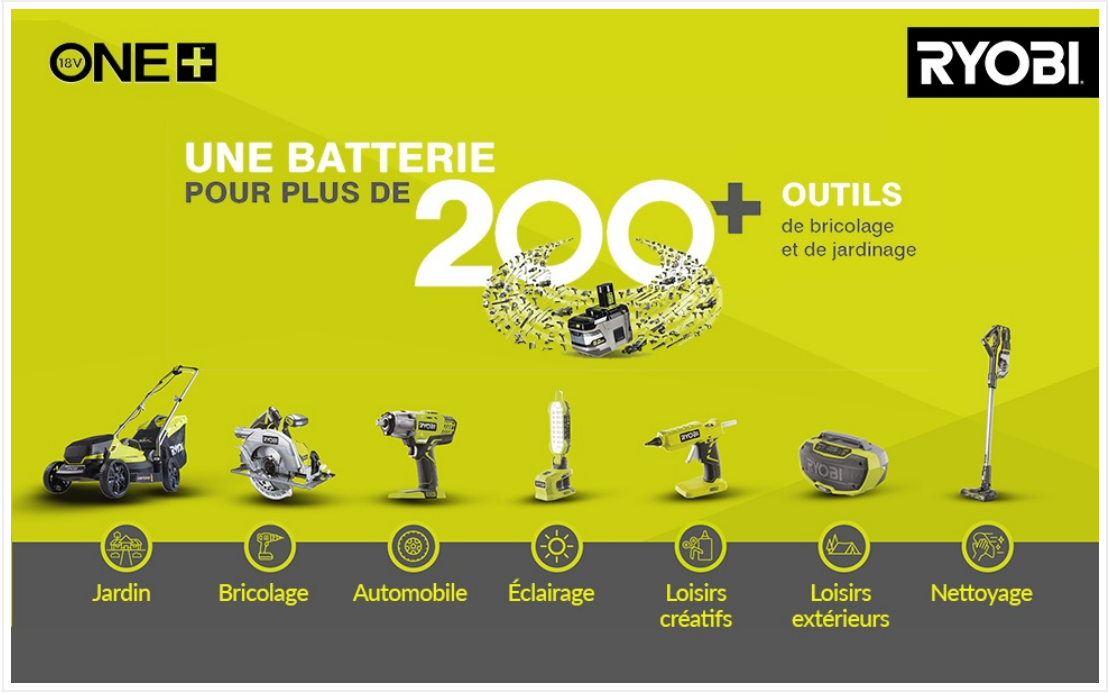


Image 3: The Ryobi ONE+ system, highlighting the versatility and compatibility of Ryobi's battery-powered tools, including the pruners this chain is designed for.

You can also find more information about the Ryobi ONE+ system and other products on theRyobi Brand Store on Amazon.

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