



[Manuals.plus](#) /

› [Oregon](#) /

› Oregon 68210 Power Mate Rim Sprocket Instruction Manual

Oregon 68210

Oregon 68210 Power Mate Rim Sprocket Instruction Manual

Model: 68210

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Oregon 68210 7-Tooth Standard 7 Spline Power Mate Rim Sprocket. This component is designed for 3/8" pitch chainsaw chains and is crucial for efficient chainsaw operation.

The Oregon Power Mate Rim Sprocket features a unique design that allows the rim to "float" on the spline, promoting optimal alignment between the saw chain and the guide bar groove. This design extends the operational life of the sprocket system. Additionally, it includes wear-depth indicators for easy assessment of replacement timing and a radial port design to effectively clear sawdust and debris.

SAFETY INFORMATION

Always prioritize safety when working with chainsaw components. Refer to your chainsaw's original instruction manual for specific safety guidelines and procedures. Wear appropriate personal protective equipment (PPE), including gloves and eye protection, during installation and maintenance.

- Ensure the chainsaw is turned off and the spark plug cap is disconnected before performing any maintenance or installation.
- Use only genuine Oregon replacement parts to ensure compatibility and performance.
- If unsure about any procedure, consult a qualified service technician.

SETUP AND INSTALLATION

The Oregon 68210 Power Mate Rim Sprocket is designed for use with 3/8" Pitch Chain Saws that utilize a 7-Tooth Rim Standard 7 Spline (Sd7) Sprocket System. Proper installation is critical for safe and effective operation.



Image: The Oregon 68210 Power Mate Rim Sprocket. This image shows the metal sprocket with its distinct 7-tooth design and spline.

1. **Preparation:** Ensure your chainsaw is clean and free of debris. Disconnect the spark plug wire to prevent accidental starting.
2. **Remove Old Sprocket:** Follow your chainsaw manufacturer's instructions to safely remove the existing rim sprocket. This typically involves removing the clutch cover, clutch, and then the old sprocket.
3. **Inspect Components:** Before installing the new rim, inspect the clutch drum, needle bearing, and other associated parts for wear or damage. Replace any worn components.
4. **Install New Rim:** Place the Oregon 68210 rim sprocket onto the clutch drum spline. Ensure it seats correctly and can "float" freely as designed.
5. **Reassemble:** Reinstall the clutch, clutch cover, and guide bar/chain according to your chainsaw's manual. Ensure all components are tightened to the manufacturer's specifications.
6. **Compatibility Check:** This rim is compatible with various Oregon Power Mate Rim Sprocket Systems, including models such as 12667X, 13916X, 16208, 18200X, 22209, 23706X, 25842X, 26831, 27189X, 28094X, 28187X, 29313X, 30666X, 30672X, 30685X, 35464X, 36868X, 38470X, 68209X, 100757, 102469, 105772X, 106593X, 108565X, 11203X, 111450X, 111590X, and 509604X. Always verify compatibility with your specific chainsaw model by consulting its manual.

Once installed, the Power Mate Rim Sprocket works in conjunction with your chainsaw's chain and guide bar. Its floating design allows for self-alignment, which minimizes wear on the chain and guide bar, leading to smoother cutting performance and extended component life. The radial port design actively expels sawdust and debris during operation, helping to keep the sprocket clean and maintain optimal performance.

MAINTENANCE

Regular maintenance of your rim sprocket is essential for prolonging its lifespan and ensuring consistent chainsaw performance.

- **Replacement Schedule:** It is recommended to replace the rim sprocket every two chain loops. This proactive replacement helps prevent premature wear on the guide bar and chain.
- **Wear-Depth Indicators:** Utilize the integrated wear-depth indicators on the rim sprocket. When the wear reaches these indicators, it signifies that the sprocket should be replaced.
- **Cleaning:** Periodically clean the sprocket area to remove any accumulated sawdust or debris that the radial ports might not have fully expelled. A clean sprocket ensures smooth operation and reduces wear.
- **Inspection:** During routine chainsaw maintenance, inspect the rim sprocket for any signs of damage, excessive wear, or deformation. Replace immediately if any issues are found.

TROUBLESHOOTING

If you experience issues with your chainsaw's cutting performance or chain drive, consider the following:

- **Poor Chain Movement:** Check if the rim sprocket is excessively worn or damaged. Ensure it is correctly seated on the clutch drum.
- **Premature Chain/Bar Wear:** An overly worn rim sprocket can contribute to accelerated wear on the chain and guide bar. Replace the rim sprocket if wear-depth indicators are reached.
- **Incorrect Fit:** Double-check that the Oregon 68210 (3/8" Pitch, 7-Tooth, Standard 7 Spline) is the correct rim sprocket for your specific chainsaw model. Refer to your chainsaw's manual for compatibility.
- **Unusual Noise:** Inspect the sprocket and surrounding components for any foreign objects or signs of improper installation.

For complex issues, consult your chainsaw's service manual or a professional technician.

SPECIFICATIONS

Feature	Detail
Model Number	68210
Brand	Oregon
Pitch	3/8"
Teeth Count	7-Tooth
Spline Type	Standard 7 Spline (SD7)
Material	Metal
Item Weight	13.61 g
UPC	036577010869

WARRANTY AND SUPPORT

For detailed warranty information regarding your Oregon 68210 Power Mate Rim Sprocket, please refer to the product packaging or visit the official Oregon website. Specific warranty terms and conditions may vary.

For additional support, product inquiries, or to explore other Oregon products, please visit the [Oregon Store](#).