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› MOLIG Oil Pump Replacement Manual for Stihl Pole Saws (Models HT73, HT75, HT100, HT101, HT130, HT250)

MOLIG 1121 084 7000, 1121 084 6901

MOLIG Oil Pump Replacement Manual

For Stihl Pole Saws: HT73, HT75, HT100, HT101, HT130, HT250

1. INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your MOLIG oil pump replacement part. This component is designed to replace the original oil pump in specific Stihl pole saw models, ensuring proper lubrication for the cutting chain. Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and correct usage.

2. PRODUCT OVERVIEW

The MOLIG oil pump is a critical component responsible for delivering lubricating oil to the guide bar and cutting chain of your pole saw. Proper lubrication is vital for reducing friction, preventing wear, and ensuring efficient cutting performance and longevity of the chain and bar. This replacement part is manufactured to meet or exceed original equipment specifications.



Image 1: The MOLIG oil pump replacement part. This image displays the metallic body of the pump with a geared end for connection to the saw's drive mechanism and a small circular opening for oil flow.

3. COMPATIBILITY

This MOLIG oil pump replacement is compatible with the following Stihl pole saw models and replaces the specified OEM part numbers:

- **Compatible Stihl Models:** 024, 026, 034, 036, 038, MS260, MS360, MS361, HT73, HT75, HT100, HT101, HT130, HT250
- **Replaces OEM Part Numbers:** 1121 084 7000, 1121 084 6901

Please verify your pole saw's model number and the required OEM part number before purchasing and installing this replacement part to ensure proper fit and function.

4. SAFETY INFORMATION

Always prioritize safety when working with power tools and their components. Failure to follow safety guidelines can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the pole saw's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- **Read Your Saw's Manual:** Refer to your specific Stihl pole saw's owner's manual for detailed disassembly and reassembly instructions.
- **Work in a Well-Ventilated Area:** If dealing with fuel or oil, ensure adequate ventilation.
- **Professional Installation Recommended:** If you are unsure about any step of the installation process, it is highly recommended to seek assistance from a qualified service technician.

5. INSTALLATION GUIDE

The following are general steps for replacing the oil pump. Specific procedures may vary slightly depending on your Stihl pole saw model. Always consult your saw's official service manual for precise instructions.

1. **Preparation:** Ensure the pole saw is clean and stable. Disconnect the spark plug wire. Drain any remaining chain oil from the reservoir.
2. **Access the Oil Pump:** This typically involves removing the clutch cover, clutch assembly, and potentially other components to gain access to the oil pump housing.
3. **Remove Old Pump:** Carefully detach the old oil pump, noting the orientation and any connecting hoses or gears.
4. **Install New Pump:** Position the MOLIG replacement oil pump into the housing, ensuring all connections (e.g., oil lines, drive gear) are correctly aligned and secured.
5. **Reassemble:** Reinstall all removed components in reverse order. Ensure all fasteners are tightened to the manufacturer's specifications.
6. **Refill Oil:** Fill the chain oil reservoir with the appropriate type and grade of chain lubricant.

6. OPERATION AND FUNCTION CHECK

After installation, it is crucial to verify the oil pump's proper function before using the pole saw for cutting tasks.

- **Initial Start-up:** Reconnect the spark plug wire. Start the pole saw engine according to its operating instructions.
- **Check Oil Flow:** With the engine running at idle, hold the pole saw over a light-colored surface (e.g., a piece of cardboard). Increase the engine speed slightly. You should observe a fine spray of oil being ejected from the guide bar groove.
- **Adjust Oil Flow (if applicable):** Some pole saws have an adjustable oil pump. If your model does, ensure the oil flow is set correctly for the type of cutting you are performing. Refer to your saw's manual for adjustment procedures.
- **Continuous Lubrication:** During operation, periodically check that the chain and guide bar remain visibly lubricated.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of your oil pump and pole saw.

- **Keep Oil Reservoir Clean:** Prevent debris from entering the oil reservoir, as this can clog the oil pump or lines.
- **Use Quality Chain Oil:** Always use high-quality chain and bar oil recommended by the pole saw manufacturer. Do not use waste oil or motor oil.
- **Inspect Oil Lines:** Periodically check oil lines for cracks, kinks, or blockages. Replace damaged lines promptly.
- **Clean Oil Passages:** During routine cleaning of your pole saw, ensure the oil outlet port on the guide bar and the oil passages on the saw body are free of sawdust and debris.
- **Winter Storage:** If storing the pole saw for an extended period, drain the chain oil reservoir to prevent oil from thickening or becoming gummy.

8. TROUBLESHOOTING

If you experience issues with oil flow, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
No oil flow or insufficient oil flow	<ul style="list-style-type: none"> • Empty oil reservoir • Clogged oil filter/line • Clogged oil outlet on guide bar • Incorrect oil viscosity • Damaged oil pump drive gear • Faulty oil pump 	<ul style="list-style-type: none"> • Refill oil reservoir • Clean or replace oil filter/line • Clean guide bar oil outlet • Use recommended chain oil • Inspect and replace drive gear if worn • Inspect and replace oil pump if faulty
Excessive oil consumption	<ul style="list-style-type: none"> • Oil pump adjustment too high (if adjustable) • Leaking oil lines or seals 	<ul style="list-style-type: none"> • Adjust oil pump to recommended setting • Inspect and replace leaking components

If troubleshooting steps do not resolve the issue, consult a qualified service technician.

9. SPECIFICATIONS

- **Brand:** MOLIG
- **Part Numbers:** 1121 084 7000, 1121 084 6901
- **Compatible Models:** Stihl 024, 026, 034, 036, 038, MS260, MS360, MS361, HT73, HT75, HT100, HT101, HT130, HT250
- **Power Source Compatibility:** Gasoline-powered pole saws
- **UPC:** 749684431426

10. SUPPORT

For further assistance or inquiries regarding your MOLIG oil pump replacement part, please contact the retailer or manufacturer directly. Always refer to your Stihl pole saw's original owner's manual for specific operational and safety guidelines related to the complete tool.

