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P SeekPro 41.1mm Cylinder Piston Kit

P SeekPro 41.1mm Cylinder Piston Kit Instruction Manual

For Poulan Gas Chainsaw Models: 1900, 1950, 1975, 2025, 2050, 2055, 2075, 2150, 2150Pr, 2175, 2250, 2375, S1634, S1838LE

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your P SeekPro 41.1mm Cylinder Piston Kit. This kit is designed as a replacement part for various Poulan Gas Chainsaw models. Please read these instructions thoroughly before attempting any installation or repair to ensure proper function and safety.

PRODUCT OVERVIEW

The P SeekPro 41.1mm Cylinder Piston Kit includes all necessary components for replacing the cylinder and piston assembly in compatible Poulan chainsaws. This kit is manufactured to meet or exceed original equipment specifications, ensuring reliable performance.

Kit Contents:

- 1 x Cylinder
- 1 x Piston
- 1 x Piston Pin
- 2 x Piston Rings
- 2 x Circlips



Image: The complete P SeekPro 41.1mm Cylinder Piston Kit, showing the cylinder, piston, piston pin, two piston rings, and two circlips.

COMPATIBILITY

This 41.1mm Cylinder Piston Kit is compatible with the following Poulan Gas Chainsaw models and part numbers:

Compatible Poulan Chainsaw Models:

- 1900 Patriot
- 1950 Woodshark (Types 1,2,3,4,5)
- 1975 Woodshark (Types 1,2,3,4,5)
- 2025
- 2050 Pioneer (Types 1,2,3,4,5)
- 2055 Woodsman (Types 1,2,3,4,5)
- 2075 (Types 1,2,3,4)
- 2150 Woodsman (Types 1,2,3,4,5)

- 2150 PR
- 2150 Predator (Types 1,2,3,4,5)
- 2175 Wildthing (Types 1,2,3,4,5)
- 2250 Woodmaster (Types 1,2,3,4,5)
- 2375 Wildthing (Types 1,2,3,4,5)
- S1634 Snapper (Types 1,2)
- S1838LE

Replaces Part Numbers:

- 530 04 71-27
- 530 06 96-06
- 530 07 12-52
- 530 07 15-79
- 530 03 79-32

SETUP AND INSTALLATION

Safety First: Before beginning any work on your chainsaw, ensure the engine is off, the spark plug wire is disconnected, and the saw is stable. Wear appropriate personal protective equipment, including gloves and eye protection.

1. **Disassembly:** Carefully remove the existing cylinder and piston assembly from your chainsaw. Refer to your chainsaw's original service manual for specific disassembly instructions. Note the orientation of all components.
2. **Inspection:** Inspect the crankcase, connecting rod, and crankshaft for any damage, wear, or debris. Clean all mating surfaces thoroughly to ensure a proper seal.
3. **Piston Assembly:** Install the piston rings onto the new piston. Ensure the rings are correctly seated in their grooves and the end gaps are aligned with the locating pins (if present). Attach the piston to the connecting rod using the piston pin and secure it with the new circlips. Ensure the piston's arrow or mark points towards the exhaust port.
4. **Cylinder Installation:** Apply a thin layer of two-stroke oil to the piston skirt and cylinder bore. Carefully compress the piston rings and slide the new cylinder over the piston. Ensure the cylinder base gasket (not included in this kit, typically reused or purchased separately) is in place and properly sealed.
5. **Fastening:** Secure the cylinder to the crankcase using the appropriate bolts, tightening them to the manufacturer's specified torque settings.
6. **Reassembly:** Reinstall all other components removed during disassembly, such as the carburetor, muffler, and cooling shrouds. Double-check all connections and fasteners.



Image: Close-up view of the piston, piston pin, and piston rings, ready for assembly.

OPERATING AFTER INSTALLATION

After installing the new cylinder piston kit, it is crucial to follow proper break-in procedures to ensure longevity and optimal performance of your chainsaw engine.

- **Fuel Mixture:** Use the correct fuel-to-oil mixture as specified by your chainsaw's manufacturer. A slightly richer oil mixture (e.g., 40:1 instead of 50:1) may be beneficial during the initial break-in period, but always consult your chainsaw's manual.
- **Initial Start-up:** Start the chainsaw and allow it to idle for a few minutes to reach operating temperature. Listen for any unusual noises or vibrations.
- **Break-in Period:** For the first few hours of operation, avoid prolonged periods of full throttle. Operate the chainsaw under light to moderate loads, allowing the engine to cool down periodically. This helps the new piston and cylinder surfaces to seat properly.

- **Monitoring:** Continuously monitor the chainsaw for signs of overheating, loss of power, or excessive smoke.

MAINTENANCE

Regular maintenance is essential for the performance and lifespan of your chainsaw engine. While this kit replaces core engine components, general chainsaw maintenance practices remain vital.

- **Air Filter:** Clean or replace the air filter regularly to ensure proper air intake and prevent debris from entering the engine.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace it if electrodes are worn or fouled.
- **Fuel System:** Use fresh, clean fuel. Drain the fuel tank and carburetor if storing the chainsaw for extended periods.
- **Cooling Fins:** Keep the cylinder cooling fins clean and free of sawdust and debris to prevent overheating.
- **General Inspection:** Regularly check all bolts and fasteners for tightness. Inspect fuel lines and connections for leaks.



Image: Side view of the cylinder, highlighting the cooling fins that must be kept clean for optimal engine temperature.

TROUBLESHOOTING

If you encounter issues after installing the cylinder piston kit, consider the following common problems and solutions:

| Problem | Possible Cause | Solution |
|----------------------------------|---|--|
| Engine won't start | Incorrect fuel mixture, spark plug issue, improper assembly, air leak. | Verify fuel mixture. Check spark plug for spark and fouling. Recheck all connections and ensure no air leaks at cylinder base or intake. |
| Loss of power / Poor performance | Incorrect break-in, air filter clogged, fuel system issues, exhaust obstruction. | Ensure proper break-in. Clean or replace air filter. Check fuel lines and carburetor. Clean muffler and exhaust port. |
| Overheating | Clogged cooling fins, lean fuel mixture, prolonged heavy load. | Clean cooling fins. Verify correct fuel mixture. Avoid continuous heavy use during break-in. |
| Excessive smoke | Too rich oil mixture, worn piston rings (unlikely with new kit), carburetor adjustment. | Verify correct fuel-to-oil ratio. Check carburetor settings. |

If problems persist, it is recommended to consult a qualified small engine mechanic or contact the seller for further assistance.

SPECIFICATIONS

| Feature | Detail |
|--------------------|---------------------------|
| Piston Diameter | 41.1mm |
| Product Dimensions | 4.92 x 3.94 x 3.94 inches |
| Item Weight | 1.43 pounds |
| Manufacturer | Partsccloud |
| Compatible Brands | Poulan |

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact the seller directly through your purchase platform. Keep your purchase receipt or order number handy for faster service.

You can visit the P SeekPro store for more products and information: [P SeekPro Store](#)



