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Alpina A 375

Alpina A 375 Petrol Chainsaw User Manual

Model: A 375 | Brand: Alpina

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, assembly, and maintenance of your Alpina A 375 petrol chainsaw. Please read this manual thoroughly before using the chainsaw to ensure proper handling and to prevent injury or damage to the equipment. Keep this manual in a safe place for future reference.

Key Features:

- Equipped with a 37.2 cc (1.20 KW / 1.63 HP) 2-stroke engine.
- Features a 35 cm (14-inch) bar and 3/8-inch chain.
- Automatic and adjustable oil pump for chain lubrication.
- Front chain tensioner for easy adjustments.
- Enhanced safety with an anterior handguard.
- Reduced vibrations for operator comfort and less arm fatigue.

2. SAFETY INFORMATION

WARNING: Chainsaws can be dangerous if used improperly. Always follow safety guidelines to prevent serious injury or death.

General Safety Rules:

- **Read the entire manual:** Understand all instructions and warnings before operation.
- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear including a helmet, eye protection, hearing protection, heavy-duty gloves, safety trousers, and safety boots.
- **Fuel Handling:** Mix and refuel in a well-ventilated area, away from ignition sources. Do not smoke.
- **Kickback Prevention:** Be aware of the risk of kickback. Hold the chainsaw firmly with both hands. Avoid cutting with the tip of the guide bar.
- **Work Area:** Ensure a clear work area. Keep bystanders, children, and pets at a safe distance (at least

10 meters).

- **Stability:** Maintain firm footing and balance. Do not overreach.
- **Inspection:** Before each use, inspect the chainsaw for loose parts, damage, or wear. Ensure the chain brake is functional.
- **Weather Conditions:** Do not operate in bad weather conditions, such as strong winds, rain, or snow.
- **First Aid:** Have a first aid kit readily available and know how to use it.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main parts of your Alpina A 375 chainsaw. Refer to the images below for visual identification.



Figure 3.1: Full view of the Alpina A 375 Petrol Chainsaw, showcasing the engine housing, handle, and guide bar with chain.



Figure 3.2: Close-up view of the chainsaw's control panel, including the throttle trigger, safety lock, and start/stop switch.



Figure 3.3: Side view of the Alpina A 375 engine, showing the fuel and oil caps, and the chain tensioning mechanism.

4. SETUP AND ASSEMBLY

4.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Check for any signs of damage during transit. Ensure all parts listed in the packing list are present.

4.2 Guide Bar and Chain Assembly

1. Place the chainsaw on a stable, flat surface.
2. Remove the chain cover by loosening the two nuts.
3. Mount the guide bar onto the studs, ensuring the chain tensioner pin fits into the hole on the guide bar.
4. Carefully place the chain around the sprocket and into the guide bar groove. Ensure the cutting edges of the chain are facing the correct direction (refer to the arrow on the guide bar).
5. Replace the chain cover and hand-tighten the nuts. Do not fully tighten yet.

4.3 Fuel and Chain Oil

IMPORTANT: This is a 2-stroke engine. It requires a mixture of unleaded petrol and 2-stroke engine oil. Never use pure petrol or automotive oil.

- **Fuel Mixture:** Mix unleaded petrol with high-quality 2-stroke engine oil at the ratio specified by the manufacturer (typically 1:50 or 2%). Use a clean fuel mixing container.
- **Chain Oil:** Fill the chain oil tank with specialized chainsaw chain lubricant. Do not use waste oil or motor oil.
- Ensure both tanks are filled before starting the chainsaw.

4.4 Chain Tensioning

Proper chain tension is crucial for safe and efficient operation. The chain should be snug against the guide bar but still able to be pulled around by hand. There should be no slack on the underside of the guide bar.

1. With the chain cover nuts slightly loose, use the front tensioner screw to adjust the chain tension.
2. Once the correct tension is achieved, fully tighten the chain cover nuts.
3. Re-check chain tension after the first few cuts, as new chains can stretch.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine (Cold Start)

1. Place the chainsaw on a firm, flat surface. Ensure the chain brake is engaged.
2. Press the primer bulb several times until fuel is visible.
3. Set the choke lever to the full choke position.
4. Pull the starter cord firmly until the engine fires (usually a few pulls). Do not pull the cord to its full extension.
5. Once the engine fires, immediately push the choke lever to the half-choke position.
6. Pull the starter cord again until the engine starts and runs.
7. Allow the engine to warm up for a few seconds, then push the choke lever to the run position.
8. Briefly blip the throttle to disengage the fast idle.

5.2 Starting the Engine (Warm Start)

1. Ensure the chain brake is engaged.
2. Set the choke lever to the run position.
3. Pull the starter cord until the engine starts.

5.3 Cutting Techniques

WARNING: Always be aware of potential kickback and falling objects. Plan your cuts carefully.

- **Felling:** For felling trees, always assess the direction of fall, clear the area, and make proper felling cuts (notch and felling cut).
- **Limbing:** Remove branches from a fallen tree. Work from the base towards the top, supporting the log to prevent pinching.
- **Bucking:** Cutting a fallen log into shorter sections. Use wedges if necessary to prevent the saw from

pinching.

- Always keep both hands on the chainsaw handles and maintain a firm grip.

5.4 Stopping the Engine

To stop the engine, simply push the stop switch to the 'OFF' position.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw.

6.1 Daily Maintenance

- Clean the air filter.
- Check and clean the guide bar groove and oil holes.
- Check chain tension and sharpness.
- Clean the cooling fins on the engine.
- Inspect the chain brake for proper function.

6.2 Periodic Maintenance

- **Chain Sharpening:** Sharpen the chain regularly using a round file of the correct diameter (refer to chain specifications).
- **Spark Plug:** Inspect and clean the spark plug. Replace if worn or fouled.
- **Fuel Filter:** Check and clean or replace the fuel filter.
- **Carburetor Adjustment:** If the engine runs poorly, the carburetor may need adjustment. This should ideally be done by a qualified service technician.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Alpina A 375 chainsaw.

Problem	Possible Cause	Solution
Engine won't start	No fuel, incorrect choke, fouled spark plug, engaged chain brake	Check fuel level and mixture, adjust choke, clean/replace spark plug, disengage chain brake
Engine runs poorly/stalls	Dirty air filter, incorrect fuel mixture, carburetor needs adjustment	Clean air filter, ensure correct fuel mixture, consult service technician for carburetor adjustment
Chain not cutting efficiently	Dull chain, incorrect chain tension, worn guide bar	Sharpen chain, adjust chain tension, inspect/replace guide bar
No chain lubrication	Empty oil tank, clogged oil port, faulty oil pump	Fill oil tank, clean oil port, consult service technician for oil pump repair

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Alpina
Model Number	084027 F (A 375)
Engine Type	2-stroke, Fuel Powered
Displacement	37.2 cc
Wattage	1200 watts
Horsepower	1.6 HP
Bar Length	35 cm (14 inches)
Chain Pitch	3/8-050
Oil Tank Capacity	240 ml
Fuel Tank Capacity	390 ml
Product Dimensions	50 x 50 x 50 cm
Item Weight	4.54 kg
GTIN	08008984509405

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact Alpina customer service directly. Keep your proof of purchase for any warranty claims.

No relevant product videos were found for this specific model (Alpina A 375).