

Generico 1P70F-3

Generico LONCIN 6.5 HP Vertical Shaft Engine 1P70F-3 Instruction Manual

1. IMPORTANT SAFETY INFORMATION

Read this instruction manual thoroughly before operating the engine. Failure to follow instructions can result in serious injury or equipment damage. Keep this manual for future reference.

General Safety Rules

- Always wear appropriate personal protective equipment (PPE), including eye protection and gloves, when operating or maintaining the engine.
- Ensure the work area is well-ventilated and clear of debris.
- Keep children and bystanders away from the engine during operation.
- Never operate the engine indoors or in an enclosed space due to the risk of carbon monoxide poisoning.

Specific Warnings

- **Hot Surfaces:** Engine components become very hot during operation and remain hot for a period after shutdown. Avoid contact to prevent burns.
- **Moving Parts:** Keep hands, feet, and clothing away from moving parts such as the flywheel and shaft.
- **Fuel Handling:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow open flames near fuel.
- **Electrical Shock:** Do not touch spark plug wires or other electrical components while the engine is running.

2. PRODUCT OVERVIEW

The Generico LONCIN 6.5 HP Vertical Shaft Engine 1P70F-3 is a robust internal combustion engine designed for various applications requiring a vertical power output. It features a heavy flywheel for stable operation.



Figure 2.1: Side view of the Generico LONCIN 6.5 HP Vertical Shaft Engine, highlighting the output shaft and carburetor assembly.

Key Components

- **Fuel Tank:** Stores gasoline.
- **Fuel Cap:** Seals the fuel tank.
- **Air Filter:** Protects the engine from dust and debris.
- **Recoil Starter:** Used to manually start the engine.
- **Oil Fill Cap/Dipstick:** For adding and checking engine oil.
- **Spark Plug:** Ignites the fuel-air mixture.
- **Choke Lever:** Assists in cold starting.
- **Throttle Lever:** Controls engine speed.
- **Vertical Output Shaft:** Connects to the driven equipment.



Figure 2.2: Top view of the engine, illustrating the recoil starter mechanism and the fuel tank cap.

3. SETUP AND INSTALLATION

Unpacking

1. Carefully remove the engine from its packaging.
2. Inspect for any shipping damage. Contact your dealer immediately if damage is found.
3. Ensure all components listed in the packing list are present.

Mounting the Engine

Mount the engine securely to a stable, level surface using appropriate bolts and washers. Ensure there is adequate clearance for air circulation and access to controls and maintenance points.

Adding Engine Oil

The engine is shipped without oil. It is critical to add the correct type and amount of oil before first use.

1. Place the engine on a level surface.
2. Remove the oil fill cap/dipstick.
3. Pour recommended engine oil (e.g., SAE 10W-30) into the oil fill opening until the oil level reaches the upper mark on the dipstick. Do not overfill.
4. Securely replace the oil fill cap/dipstick.

Adding Fuel

Use fresh, unleaded gasoline with an octane rating of 87 or higher. Do not use E85 or mixed fuels.

1. Ensure the engine is off and cool.

2. Clean the area around the fuel cap to prevent dirt from entering the tank.
3. Slowly remove the fuel cap.
4. Fill the fuel tank, leaving approximately 1 inch (2.5 cm) of space from the top to allow for fuel expansion.
5. Securely replace the fuel cap. Wipe up any spilled fuel immediately.

4. OPERATING INSTRUCTIONS

Pre-Operation Checklist

- Check engine oil level.
- Check fuel level.
- Inspect air filter for cleanliness.
- Ensure all fasteners are tight.
- Verify the equipment connected to the engine is in good working order.

Starting the Engine

1. Move the throttle lever to the 'FAST' position.
2. Move the choke lever to the 'CHOKE' position (for cold starts). For warm starts, the choke may not be necessary.
3. Pull the recoil starter handle slowly until resistance is felt, then pull briskly. Repeat if necessary.
4. Once the engine starts, gradually move the choke lever to the 'RUN' position as the engine warms up.
5. Allow the engine to warm up for a few minutes before applying load.



Figure 4.1: Another side view of the engine, showing the OHV (Overhead Valve) cover and exhaust outlet.

Stopping the Engine

1. Move the throttle lever to the 'SLOW' or 'IDLE' position.
2. Move the engine switch to the 'OFF' position.

Operation Tips

- Avoid running the engine at maximum speed for extended periods without load.
- Do not operate the engine on slopes exceeding 20 degrees to ensure proper lubrication.
- Regularly check for unusual noises or vibrations.

5. MAINTENANCE SCHEDULE

Regular maintenance is crucial for optimal performance and longevity of your engine. Perform maintenance at the specified intervals.

Daily Checks (Before Each Use)

- Check engine oil level.
- Check fuel level.
- Inspect air filter.
- Check for loose fasteners or leaks.

Every 25 Hours or Annually (Whichever comes first)

- **Change Engine Oil:** Drain old oil while the engine is warm. Refill with recommended oil.

Every 50 Hours or Annually (Whichever comes first)

- **Clean/Replace Air Filter:** Clean foam filter element with warm, soapy water, rinse, and air dry. Lightly oil with engine oil before reinstalling. Replace paper elements if excessively dirty.
- **Inspect Spark Plug:** Check for wear, carbon buildup, and proper gap. Clean or replace as needed.

Fuel System Maintenance

If storing the engine for more than 30 days, drain the fuel tank and carburetor or use a fuel stabilizer to prevent fuel degradation.

Storage

For extended storage, perform the following:

1. Drain fuel or add stabilizer.
2. Change engine oil.
3. Remove spark plug, pour a small amount of engine oil into the cylinder, and pull the starter cord a few times to distribute the oil. Reinstall spark plug.
4. Clean the engine exterior.
5. Store in a clean, dry, well-ventilated area.

6. TROUBLESHOOTING GUIDE

This section provides solutions to common operational issues. For problems not listed, consult a qualified service technician.

Problem	Possible Cause	Solution
Engine will not start	No fuel Incorrect choke position Low oil level Dirty spark plug Stale fuel	Add fresh fuel Adjust choke Add oil to correct level Clean or replace spark plug Drain and refill with fresh fuel
Engine runs poorly	Dirty air filter Incorrect throttle setting Dirty spark plug Stale fuel	Clean or replace air filter Adjust throttle Clean or replace spark plug Drain and refill with fresh fuel
Engine stops unexpectedly	Out of fuel Low oil level (oil sensor activated) Overheating	Add fuel Add oil to correct level Allow engine to cool, check for obstructions to airflow

7. TECHNICAL SPECIFICATIONS

- **Model:** 1P70F-3
- **Engine Type:** Single Cylinder, 4-Stroke, Air-Cooled, OHV

- **Horsepower:** 6.5 HP
- **Shaft Type:** Vertical
- **Shaft Dimensions:** 22.2 mm diameter x 60 mm length
- **Flywheel:** Heavy
- **Fuel Type:** Unleaded Gasoline (87+ octane)
- **Oil Type:** SAE 10W-30 (or equivalent, refer to local climate recommendations)
- **Starting System:** Recoil Start

8. WARRANTY AND CUSTOMER SUPPORT

This Generico LONCIN engine is covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage details.

For technical assistance, parts, or warranty claims, please contact your authorized Generico dealer or the point of purchase. Ensure you have your engine model number (1P70F-3) and serial number available when contacting support.

© 2024 Generico. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

