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› DC HOUSE 63cc Gas Powered Post Hole Digger User Manual

DC HOUSE L10030104067A-1-13

DC HOUSE 63cc Gas Powered Post Hole Digger User Manual

Model: L10030104067A-1-13 | Brand: DC HOUSE

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your DC HOUSE 63cc Gas Powered Post Hole Digger. Please read this manual thoroughly before operating the equipment to ensure proper use and to prevent injury or damage.

Important Safety Information

Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear when operating the post hole digger. Ensure the work area is clear of bystanders, pets, and obstacles. Never operate the machine under the influence of alcohol or drugs. Keep hands and feet away from the auger bit during operation. This machine is designed for digging holes in soil; do not use it for other purposes.

PRODUCT OVERVIEW

The DC HOUSE 63cc Gas Powered Post Hole Digger is a robust tool designed for efficient hole digging in various soil types. It features a powerful 63cc 2-stroke engine and is compatible with a 12-inch earth auger drill bit, suitable for tasks such as fence post installation, garden planting, and other outdoor projects.

More Quality and Efficient Work

For those who love working in the outdoors



Large capacity
0.4 gallons



Alloy steel auger



Powerful 2500W

Image: Overview of the DC HOUSE 63cc Gas Powered Post Hole Digger, highlighting its 63cc motor, 2-stroke engine, 2500W power, 1.1L tank capacity, 10.5KG motor weight, and 13-inch auger drill bit. The image also indicates a 2-cycle oil/gasoline mixing ratio of 1:25.

Multiple application



Image: Top-down view of the DC HOUSE 63cc Post Hole Digger, illustrating its efficient heat dissipation system for sustained operation without stalling.

Components

- Engine Unit (63cc 2-stroke)
- Handlebar Assembly with controls
- Fuel Tank
- Starter Rope
- Choke Lever
- Auger Drill Bit (12-inch included)
- Safety Pin and Clip for auger attachment

SETUP AND ASSEMBLY

1. Attaching the Auger Bit

1. Align the auger drill bit shaft with the output shaft of the engine unit.
2. Insert the auger shaft into the engine unit's output shaft.
3. Secure the auger bit by inserting the safety pin through the aligned holes and securing it with the provided clip. Ensure the pin is fully seated and the clip is locked.

Your browser does not support the video tag.

Video: This video demonstrates the assembly of the DC HOUSE 63cc Post Hole Digger, including attaching the auger bit to the engine unit and securing it with a pin and clip. It also shows the process of filling the fuel tank and priming the engine for starting.

2. Fuel Preparation and Filling

This post hole digger uses a 2-stroke engine and requires a specific gasoline-oil mixture. The recommended mixing ratio is **25:1** (25 parts gasoline to 1 part 2-stroke engine oil).

- Use fresh, unleaded gasoline with an octane rating of 87 or higher.
 - Use high-quality 2-stroke engine oil specifically designed for air-cooled engines.
 - Mix the fuel in a separate, approved fuel container before pouring it into the digger's fuel tank.
1. Carefully open the fuel tank cap.
 2. Pour the pre-mixed gasoline-oil mixture into the fuel tank. Do not overfill.
 3. Securely close the fuel tank cap.



Image: Illustration showing the process of filling the fuel tank of the DC HOUSE 63cc Post Hole Digger. It emphasizes the use of a 2-cycle oil/gasoline mixing ratio of 25:1 for optimal engine performance and longevity.

OPERATING INSTRUCTIONS

Starting the Engine (Cold Start)

1. Press the fuel primer bulb 3-5 times until the primer hose is filled with fuel.
2. Switch the engine's ON/OFF switch to the "I" (ON) position.
3. Move the choke lever all the way down to the OFF position (closed choke).

4. Pull the starter rope gently 1-4 times until the engine "pops" or attempts to start.
5. Once the engine pops, return the choke lever to the ON position (open choke).
6. Pull the starter cord firmly until the engine starts.
7. Allow the engine to run at idle speed for 2-3 minutes to warm up before use.

Starting the Engine (Warm Start)

1. Switch the engine's ON/OFF switch to the "I" (ON) position.
2. Move the choke lever to the ON position (open choke).
3. Pull the starter cord firmly until the engine starts.

Digging Operation

- Ensure a firm grip on the handles. For the 12-inch auger, two operators are recommended for stability and control.
- Position the auger bit over the desired digging location.
- Slowly engage the throttle to start the auger rotating. Apply gentle downward pressure.
- Allow the auger to bore into the soil. If resistance is met, slightly lift and re-apply pressure to clear debris.
- Periodically lift the auger from the hole to clear loose soil and prevent jamming.
- The digger is suitable for various soil types including gravelly soil, hard soil, and clay.



Image: A person operating the DC HOUSE 63cc Post Hole Digger in an outdoor setting, demonstrating its strong power and stable performance for digging holes.



High Torque Ground Drill

Conquer this ferocious beast

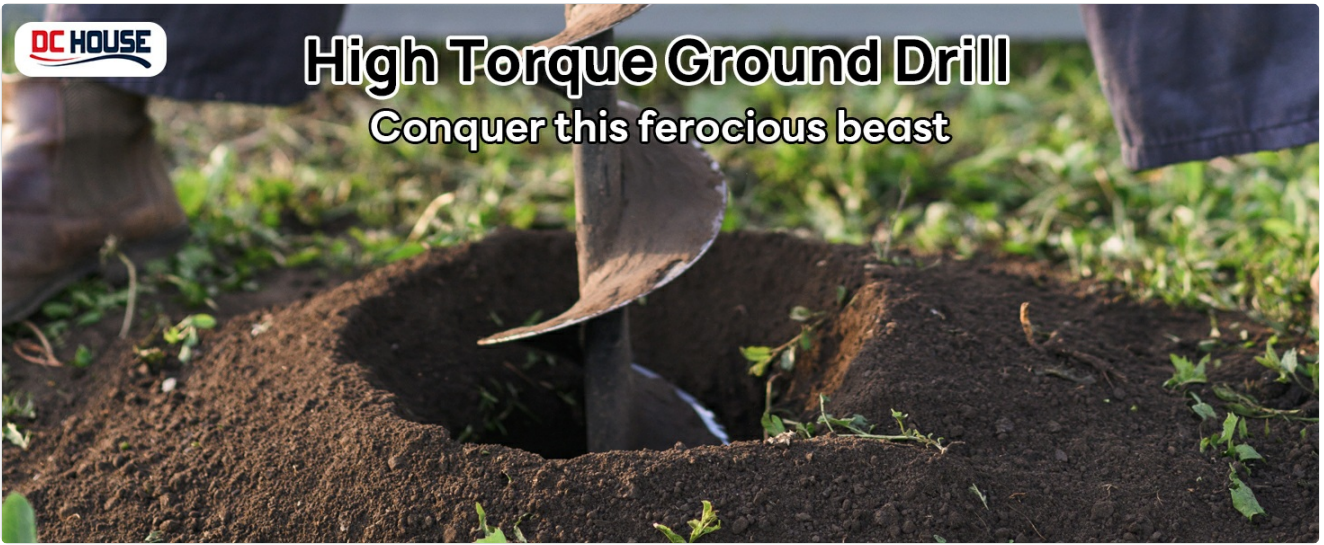


Image: Visual representation of the DC HOUSE 63cc Post Hole Digger's capability to dig in different soil conditions, including gravelly soil, hard soil, and clay, showing the resulting holes.

PRODUCT SIZE&INFORMATION

Note: The exact size of the matching accessories depends on your choice

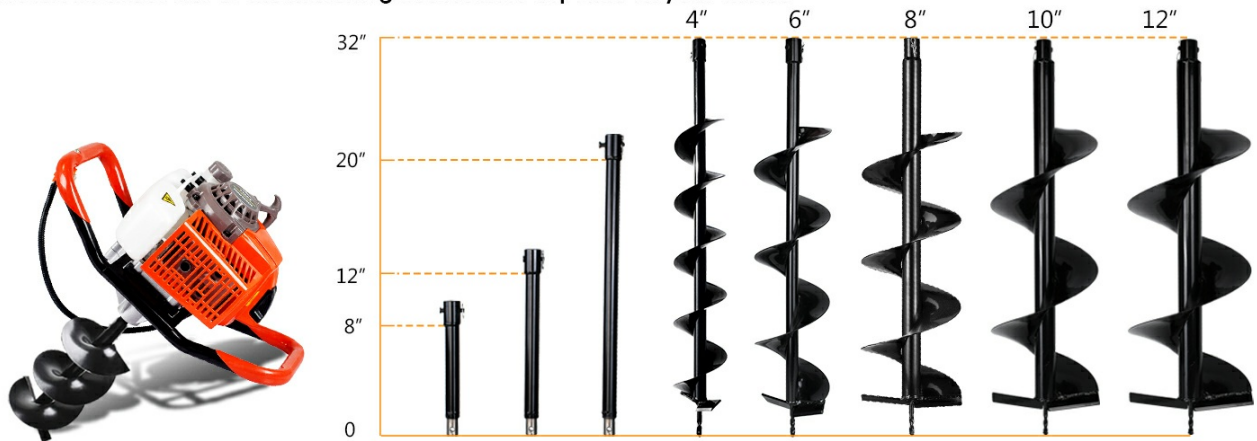


Image: The auger bit of the DC HOUSE 63cc Post Hole Digger shown drilling into hard soil, clay, or frozen ground, illustrating its ability to handle challenging conditions.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your post hole digger.

- **Cleaning:** After each use, clean the auger bit and engine unit to remove soil, debris, and grass. Use a brush or cloth.
- **Spark Plug:** Inspect the spark plug periodically. Clean or replace if fouled or worn.
- **Air Filter:** Check the air filter regularly. Clean with warm, soapy water, rinse, and allow to dry completely before reinstallation.
- **Fuel System:** If storing the unit for an extended period, drain the fuel tank or use a fuel stabilizer to prevent fuel degradation.
- **Gearbox:** Check the gearbox oil level periodically and refill if necessary. Refer to the manufacturer's recommendations for the correct type of gear oil.
- **Auger Bit:** Inspect the auger bit for wear or damage. Sharpen or replace as needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	No fuel or incorrect fuel mixture; ON/OFF switch in OFF position; Choke not set correctly; Fouled spark plug; Clogged fuel filter.	Check fuel level and mixture (25:1); Ensure switch is ON; Adjust choke according to starting procedure; Clean or replace spark plug; Clean or replace fuel filter.
Engine runs poorly or stalls	Incorrect fuel mixture; Clogged air filter; Fouled spark plug; Carburetor issues.	Verify fuel mixture; Clean air filter; Clean or replace spark plug; Consult a service technician for carburetor adjustment.
Auger bit jams during digging	Hitting a large rock or root; Excessive downward pressure; Soil not being cleared.	Release throttle immediately; Carefully remove the auger from the hole; Clear obstruction manually; Apply less pressure and clear soil frequently.
Excessive vibration	Loose auger bit; Damaged auger bit; Engine imbalance.	Check and secure auger bit connection; Inspect auger bit for damage and replace if necessary; If engine related, consult a service technician.

SPECIFICATIONS

Feature	Detail
Engine Type	63cc, 2-Stroke
Power Output	2500W (approx.)
Fuel Tank Capacity	1.1 L (max fuel amount 80%)
Fuel Mixture Ratio	Gasoline:Oil = 25:1
Motor Weight	10.5 KG
Auger Drill Bit Included	12 inch (300mm) diameter, 31.5 inch (80cm) length
Model Number	L10030104067A-1-13
ASIN	B0837BKBYH

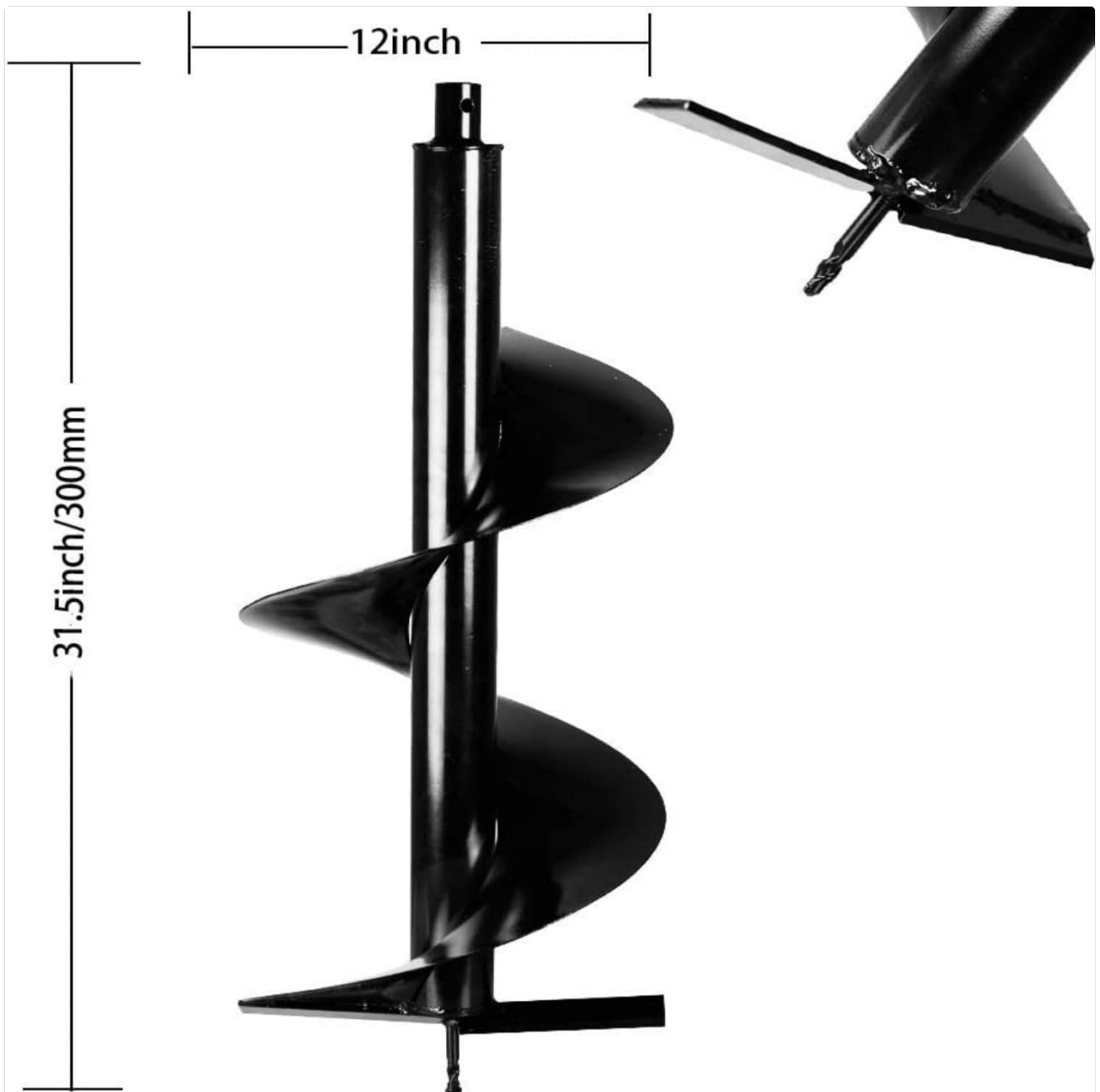


Image: Detailed dimensions of the 12-inch auger drill bit, showing its 12-inch diameter and 31.5-inch (300mm) length.

WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact DC HOUSE customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Contact Information: Refer to the product packaging or the official DC HOUSE website for the most current contact details.

