

HOVER HEART DB4S004

HOVER HEART 40cc 4-Stroke Gas Dirt Bike User Manual

Model: DB4S004

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your HOVER HEART 40cc 4-Stroke Gas Dirt Bike, Model DB4S004. Please read this manual thoroughly before operating the dirt bike to ensure proper usage and to prevent injury or damage.

The HOVER HEART 40cc 4-Stroke Gas Dirt Bike is designed for off-road use, featuring a 40cc 4-stroke engine, mountain tires, suspensions, and disc brakes. It is capable of reaching speeds up to 19 mph and has a range of approximately 18.5 miles on a full tank. This model does not require oil mixing; use gasoline directly.

2. SAFETY INFORMATION

WARNING: Operating this vehicle can be dangerous. Always wear appropriate safety gear, including a helmet, eye protection, gloves, and protective clothing. Adult supervision is required for riders under 16 years of age. Recommended age for riders is 8+.

- Always perform a pre-ride inspection before each use.
- Ensure all nuts and bolts are securely tightened.
- Check tire pressure and brake functionality.
- Never operate the dirt bike under the influence of alcohol or drugs.
- This product is EPA Approved, meaning it meets environmental standards and is designed to not cause unreasonable adverse effects on user health when used according to the manual.

3. WHAT'S IN THE BOX

Upon unpacking, verify that all components are present:

- Dirt bike (partially assembled)
- Tool Kit
- User Manual



Image: The HOVER HEART 40cc 4-Stroke Gas Dirt Bike with its main components laid out, including the bike frame, wheels, and a toolkit.

4. ASSEMBLY AND SETUP

Your HOVER HEART 40cc 4-Stroke Gas Dirt Bike comes partially assembled. Follow these steps to complete the

assembly:

1. **Front Wheel Installation:** Attach the front wheel to the fork using the provided axle and fasteners. Ensure the wheel spins freely.
2. **Brake Caliper Installation:** Securely mount the front brake caliper to the fork and connect it to the brake lever. Test for proper function.
3. **Front Fender Installation:** Attach the front fender to the fork using the designated screws.
4. **Foot Pegs Installation:** Install the foot pegs on both sides of the bike frame.
5. **Handlebar Installation:** Mount the handlebar onto the steering column and tighten the clamps. Adjust the angle for comfortable riding.
6. **Windshield/Front Plate Installation:** Secure the front plate to the handlebar assembly.
7. **Rear Shock Installation:** Ensure the rear shock absorber is correctly installed and secured.
8. **Fueling:** Fill the fuel tank with unleaded gasoline. This 4-stroke engine does NOT require oil mixing.
9. **Battery/Ignition:** Connect the battery (if applicable) and ensure the ignition system is ready.

Assembly Video Guide

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Video: A detailed assembly guide for a 4-stroke mini gas motorbike, demonstrating the installation of various components including wheels, brakes, handlebars, and other parts.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and operation before riding.

Starting the Engine

- Ensure the kill switch is in the 'ON' position.
- Use the pull start mechanism to ignite the engine.

Riding

- Gently apply the throttle to accelerate.
- Maintain a balanced posture and be aware of your surroundings.
- The bike features dual suspension for a smoother ride on various terrains.

PLUNGE INTO THE ARMS OF NATURE

GAS



Image: A child riding the HOVER HEART 40cc 4-Stroke Gas Dirt Bike on a dirt path, highlighting the visible controls like the kill switch, brake lever, and gas tank.

Stopping

- Release the throttle completely.
- Apply the disc brakes smoothly and evenly.
- Use the kill switch to turn off the engine in emergencies.

Operation Videos

Your browser does not support the video tag.

Video: A short preview demonstrating the easy pull-start mechanism of a mini dirt bike.

Your browser does not support the video tag.

Video: A demonstration of a 40cc mini dirt bike in action, showcasing its power, speed, and control on various terrains.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your dirt bike.

- **Tires:** Regularly check tire pressure and tread wear. The tire size is 2.50-10.
- **Brakes:** Inspect disc brakes for wear and proper function. Adjust as needed.
- **Chain:** Keep the drive chain clean, lubricated, and properly tensioned.
- **Fuel:** Use fresh, unleaded gasoline. No oil mixing is required for the 4-stroke engine.
- **General Cleaning:** Clean the bike after each ride, especially after off-road use, to prevent dirt and debris buildup.



Image: A close-up of the HOVER HEART 40cc 4-Stroke Gas Dirt Bike's mountain tire, illustrating its suitability for forest paths, grasslands, mud paths, and gravel paths.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Engine Fails to Start:**
 - Check if the kill switch is in the 'ON' position.
 - Ensure there is sufficient fuel in the tank.
 - Verify the spark plug is clean and properly connected.
- **Chain Keeps Popping Off:**
 - Inspect the chain tension. It may be too loose or too tight.
 - Check for any bent or damaged chain links or sprockets.
 - Ensure the rear wheel is properly aligned.
- **Loss of Power:**
 - Check fuel quality and level.
 - Inspect the air filter for clogs and clean or replace if necessary.
 - Ensure the spark plug is functioning correctly.

8. SPECIFICATIONS

Feature	Detail
Model	DB4S004
Engine	40cc, 4-stroke
Max Speed	19 mph
Range	18.5 miles
Tire Size	2.50-10
Brakes	Disc Brakes
Loading Capacity	165 lbs
Net Weight	55 lbs
Ground Clearance	6.3 inches
Wheelbase	35 inches
Product Size (LxWxH)	51.18 x 23.23 x 31.10 inches
Recommended Age	8-15 years
Fuel Type	Gasoline Direct (No Oil Mix Required)
Frame Material	Alloy Steel
Suspension Type	Dual
Assembly Required	Yes



Image: The HOVER HEART 40cc 4-Stroke Gas Dirt Bike with key dimensions (length, width, height), recommended age, net weight, and maximum weight capacity overlaid.

9. WARRANTY AND SUPPORT

Warranty Information

The seller provides a 90-day warranty:

- **0-30 days:** Free return and refund.
- **31-90 days:** Exchange or replacement parts provided, but no refund.

Customer Support

For any questions, technical assistance, or warranty claims, please contact the seller or manufacturer directly through the platform where the product was purchased. Ensure you have your purchase details and model number

(DB4S004) ready for faster service.

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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