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› MotoTec Gas Pocket Bike GT 49cc 2-Stroke User Manual

MotoTec 852320007432

MotoTec Gas Pocket Bike GT 49cc 2-Stroke User Manual

INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your MotoTec Gas Pocket Bike GT 49cc 2-Stroke. Please read this manual thoroughly before operating the vehicle to ensure proper use and to prevent injury or damage. Keep this manual for future reference.



Image: Front-left view of the MotoTec Gas Pocket Bike GT 49cc 2-Stroke, showcasing its blue frame and black bodywork.

SAFETY WARNINGS

- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years.
- **Assembly and Usage:** Always follow the assembly and usage instructions provided in this manual.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- **Protective Gear:** Always wear a helmet and all appropriate safety equipment when operating the pocket bike.
- **Supervision:** Adult supervision is recommended for all riders, especially those under 16 years of age.
- **Riding Environment:** Observe safe riding rules and operate the vehicle in appropriate, safe environments, away from public roads and traffic.

PACKAGE CONTENTS

Upon unpacking, ensure all components are present and undamaged. The package typically includes:

- MotoTec Gas Pocket Bike GT (main unit)
- Mixing Container (for fuel/oil)
- User Manual (this document)
- Basic Assembly Tools (may vary)

SETUP AND ASSEMBLY

Assembly is required for this product. Follow these general steps for initial setup:

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebars securely. Ensure all bolts are tightened to the manufacturer's specifications.
3. **Wheel and Brake Check:** Verify that the wheels are properly installed and spin freely. Check the front and rear disc brakes for proper function and adjustment. Adjust if necessary to ensure effective stopping power.
4. **Chain Adjustment:** Inspect the drive chain tension. If the chain is too tight or too loose, adjust it according to the detailed instructions in the maintenance section.
5. **Tire Inflation:** Check the pressure of both pneumatic tires. Inflate to the recommended PSI as indicated on the tire sidewall or in the detailed specifications.
6. **Fuel Mixture Preparation:** Using the provided mixing container, prepare the fuel mixture. This 2-stroke engine requires a specific blend of unleaded gasoline and 2-stroke oil at a **32:1 ratio**. Mix thoroughly before adding to the fuel tank.
7. **Fluid Checks:** Ensure all fluid levels are correct and there are no visible leaks.



Image: Side view of the MotoTec Gas Pocket Bike GT 49cc 2-Stroke, highlighting the engine and chain drive system.

OPERATING INSTRUCTIONS

Before starting, ensure you are wearing all required safety gear, including a helmet.

1. **Fueling:** Fill the 1.2-liter gas tank with the pre-mixed unleaded gasoline and 2-stroke oil (32:1 ratio).
2. **Choke:** For a cold engine, engage the choke. Once the engine warms up, disengage the choke.
3. **Starting the Engine:** The engine is started using a pull-start mechanism. Firmly pull the starter cord until the engine engages.
4. **Throttle Control:** The pocket bike features a variable twist-grip throttle. Gently twist the grip to accelerate. Always maintain control and be mindful of your speed.
5. **Braking:** The bike is equipped with 1 disc brake at the front and 1 disc brake at the rear. Apply both brakes smoothly and evenly to slow down or stop. Avoid sudden, harsh braking.
6. **Riding:** Practice riding in a safe, open area away from obstacles and other people. Familiarize yourself with the controls and the bike's handling characteristics.
7. **Engine Shut-off:** To turn off the engine, locate and press the engine kill switch, typically found on the handlebars.



Image: Rear-side view of the MotoTec Gas Pocket Bike GT 49cc 2-Stroke, showing the rear wheel and exhaust.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your pocket bike.

- **Fuel/Oil Mixture:** Always use the correct 32:1 unleaded gasoline to 2-stroke oil mixture. Incorrect ratios can damage the engine.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Chain Lubrication and Tension:** Regularly lubricate the drive chain. Check chain tension and adjust as needed to prevent excessive slack or tightness. A properly tensioned chain should have a small amount of play.
- **Brake Inspection:** Periodically inspect brake pads and discs for wear. Ensure brake levers operate smoothly and provide adequate stopping power. Adjust or replace components as necessary.
- **General Fastener Check:** Before each ride, check all nuts, bolts, and fasteners to ensure they are tight. Vibrations from operation can cause them to loosen.
- **Air Filter Cleaning:** Clean or replace the air filter regularly, especially if riding in dusty conditions, to ensure proper engine breathing.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn or fouled.



Image: Rear view of the MotoTec Gas Pocket Bike GT 49cc 2-Stroke, showing the rear wheel, disc brake, and kickstand.

TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Engine Not Starting:**

- Check fuel level and ensure correct fuel/oil mixture.
- Verify spark plug is clean and properly gapped.
- Ensure choke is set correctly for a cold start.
- Inspect the pull-start mechanism for damage.

- **Loss of Power/Sluggish Performance:**

- Check fuel/oil mixture ratio.
- Clean or replace the air filter.
- Inspect the carburetor for blockages or leaks; clean if necessary.

- **Tires Losing Air:**

- Check for punctures or valve stem issues.
- Ensure tire beads are properly seated.

- **Chain Coming Off:**

- Adjust chain tension to the recommended slack.
- Inspect sprockets for wear or damage.

- **Brakes Not Effective:**

- Adjust brake cable tension.
- Inspect brake pads for wear and replace if necessary.
- Ensure brake calipers are functioning correctly.

SPECIFICATIONS

Motor	49cc 2-Stroke, Air Cooled, EPA Approved
Engine Start	Pull Start
Gas Tank Capacity	1.2 Liters
Cruising Range	Approximately 20 miles per tank
Fuel/Oil Ratio	Unleaded Gasoline / 2-Stroke Oil 32:1
Transmission	Centrifugal (Chain Drive)
Pocket Bike Dimensions (L x W x H)	39 in x 20 in x 23 in
Seat Height	18 in
Recommended Age	13+ years
Max Rider Weight	170 lbs
Frame	Rigid Steel
Tires	90/65-6.5 Pneumatic (11 inch)
Brakes	1 Disc Front, 1 Disc Rear
Throttle	Variable Twist-Grip
Seat	Padded (Single Rider)
Handlebars	Angle Adjustable, Not Height Adjustable
Item Weight	45 pounds
Model Number	852320007432

WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or contact the retailer/manufacturer directly. For technical support or replacement parts, please reach out to MotoTec customer service.