



Model WFG-47MPR

Owner's Manual



Have a problem - Need parts - Please call Toll Free (866) 658-7300
Fax: (740) 283-6541 • Email: parts@wildfiremotors.com

CAUTION - CAUTION - CAUTION - CAUTION - CAUTION - CAUTION

Riders must comply with local allowable age rules, all local laws and regulations. Minors should never operate this product without the supervision of an adult. **DO NOT** operate this under the influence of alcohol or while receiving medical treatment. **DO NOT** ride this product without protective equipment, such as helmets, gloves, kneepads, elbow pads and any other protection that local Laws or regulations require. Read the instructions carefully and always respect this product until you can safely start, stop, turn, and yield to all obstacles in the environment. This product is not intended for off road use, or on public roads or highways, near water, sloped driveways, during nighttime, inclement weather conditions or on slippery surfaces. Never ride on any street or sidewalk.

Specifications

- 47cc Air Cooled 2 Stroke Engine
- 12V CDI Ignition
- Fully Automatic Transmission
- .4 Gallon, Fuel Capacity
- 30 mph Maximum Speed
- Front and Rear Disc Brakes
- 10 inch Tires
- Pull start

CAUTION

- Each time before you ride, make sure the brakes work properly and adjust if necessary .
- Check bolts for tightness weekly.

Call (866) 658-7300 for help, replacement parts or warranty information.

Wildfire Motors warrants to the original customer and original owner an “As Is” 90 day replacement parts only warranty against manufacture defects. Your warranty does not cover labor, misuse, abuse or damage in shipping. Assembly, labor, disassembly and reassembly are not the responsibility of Wildfire Motors. Registration must be completed and sent in within seven (7) days of purchase with a copy of your receipt to validate the warranty. **No refunds or exchanges.**

NOTE: If there is any shipping damage to your unit, you must report this to the delivery company immediately; you must file a claim with the delivery company.

Within 90 days of purchase, Wildfire Motors will replace any defective part at no charge plus a \$5.00 shipping and handling fee after the consumer sends back the defective warranty part to Wildfire Motors. After 90 days from the date of purchase, replacement parts may be purchased from Wildfire Motors plus a \$5.00 shipping and handling fee. When warranty is confirmed, Wildfire Motors will ship all parts via UPS ground only. For replacement parts, please call Wildfire Motors toll free at 866-658-7300 or email parts@wildfiremotors.com

NOTE: **Absolutely no warranty** for consumable and normal wear items such as spark plugs, oil and oil filters, fuel system cleaning, engine tune-up, belt or chain adjustments (including replacement), lubrication, light bulbs, clutches, lubricants, air filters, hoses, brake shoes, tires/tubs, plastic, battery, fuses, cosmetic problems or problems occurring due to lack of proper assembly and maintenance, or consumer abuse.

Any and all modifications to the vehicle will void the manufactures warranty. Defective parts are subject to be recalled by WILDFIRE MOTORS.

Disclaimer:
Wildfire Motors disclaims the warranty of merchantability and fitness for any particular use. This disclaimer shall be effective as to all claims of any kind made by or through any wholesaler, retailer, consumer or any other persons or entity. Some states do not permit this disclaimer of implied warranties. Hence, this disclaimer may not apply to you.

Limitation of Remedies:
Consumer's remedy is limited to replacement parts only and in no event shall exceed the purchase price. Absolutely no returns or exchanges. Incidental, consequential and/or indirect damages are expressly disclaimed. NO person or entity is authorized to alter, amend or increase this limited

Warranty Validation:
Please fill out this form and mail it in to Wildfire Motors 11 Technology Way, Steubenville, Ohio 43952 to register your warranty.

Name _____

Address _____ City _____ State _____ Zip _____

Dealer Name _____ Model # _____ Date of Purchase _____

Address _____ City _____ State _____ Zip _____

Maintenance

Proper maintenance is recommended to help prolong the life of the bike and to avoid injuries to the operator. Check the stability of the handlebars and rear brake cables to ensure they are reliable before each operation. Brake cables may need adjusted after excessive use. The front tire should be maintained at 28 PSI and the rear tires should be properly maintained at 28 PSI. Under inflated or over inflated tires result in performance loss, tire wear, or even tire damage. The Pocket Racer should always be kept in a clean condition and may require some cleaning after each use. Always use a clean soft cloth to wipe off any dirt or debris that you may have encountered while riding. Any moisture or rain should be wiped off prior to storage. Avoid operating the Pocket Racer in rain or through water puddles. Avoid storage of the Pocket Racer in moist areas or near corrosive gases as they will corrode the metal. Proper maintenance will help prolong the life of the Pocket Racer and make your riding experience more enjoyable. Never exceed the weight capacity of the Pocket Racer.

Never carry a passenger. Excessive weight may damage the Pocket Racer and is very unsafe.

Have a problem - Need parts - Please call Toll Free (866) 658-7300

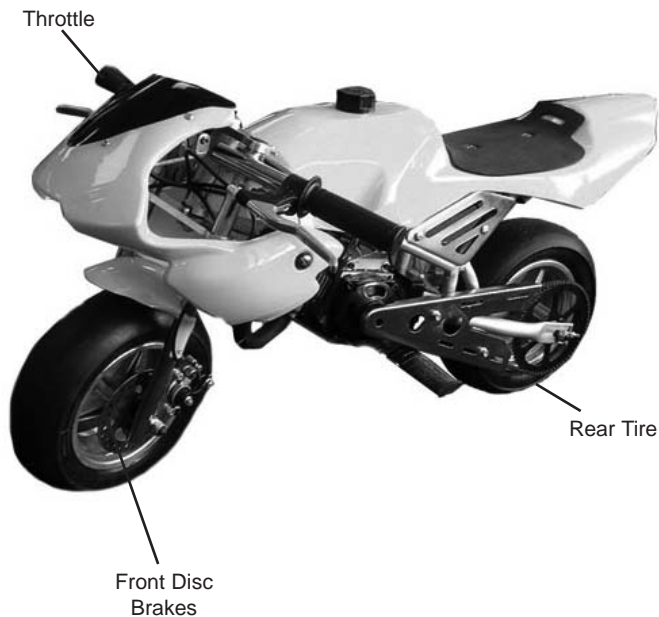
SAFETY ADVICE AND WARNING

• Remember-Safety First

- Only you can protect yourself. Safety is your responsibility, for yourself and minors in your care.
- Pay attention and obey the warning labels on the vehicle (if they become faded or are removed, replace them immediately.)
- This Pocket Racer has a 47cc engine and may not be ridden by children less than fourteen years of age.
- Read instructions and make certain you are fully aware of, and able to operate, the controls of the Pocket Racer.
- Ride under the instruction of a competent teacher, until you are an experienced rider.
- It is illegal and unsafe to use this machine on any public street, road, or highway.
- Please check your local riding laws and regulations before operating.
- Riding a Pocket Racer is a serious matter, and it can be hazardous to operate. A collision or roll-over can occur quickly with serious consequences. Even routine maneuvers like turning on sloping ground or loose surfaces, the Pocket Racer handles differently than other vehicles.
- Never carry passengers, as this greatly alters the handling characteristics and can be dangerous.
- Never attempt stunts, jumps, wheelies or other tricks.
- Never ride faster than your skill or conditions permit.
- Never ride when tired, under the influence of drugs or alcohol or with a medical condition.
- Inspect your Pocket Racer each time you use it. Make sure there are no mechanical faults, problems with tires, brakes or controls.
- It must be in safe operating condition with sufficient gasoline and tire pressure.
- Always use the recommended tires and pressure to lessen the risk of tire failure.
- Always turn engine off when refueling.
- Always wear an approved helmet that fits snug, eye protection, gloves, long sleeve jacket and long pants.
- Do not run the engine with the muffler or air cleaner cover removed.
- Keep the owner's manual in a safe place at all times.
- Obey government laws at all times.
- If you allow untrained people to use your Pocket Racer, you endanger his/her life, and the lives of others.
- Check the Pocket Racers throttle cables, make sure they are free of obstacles and working properly. A jammed throttle can cause a serious accident.
- **Wildfire cannot be held responsible for any accident. Ride at your own risk.**
- Grabbing, shuddering or lack of braking ability could mean there is a serious problem with the brakes. This must be remedied before riding to prevent the possibility of serious accident.
- Keep loose clothing and long hair well out of the way of moving parts. Remember, many people have lost fingers and limbs that have been pulled into moving parts especially by chains. Do not work on the Pocket Racer while it's running.
- If, in spite of all these precautions being followed, you are unfortunate enough to be injured, please seek medical attention immediately.

FAMILIARIZATION WITH THE VEHICLE

Your rider should become completely familiar with the names and functions of all controls. Demonstrate operation of the controls if necessary. Ask the rider to do such things as apply the brakes; start the engine, etc. Practice these exercises until the pupil can operate all of the controls without hesitation and without looking at the controls. Make sure the rider knows how to inspect the bike before riding by checking the brakes, air pressure in tires, throttle, fuel levels, etc...



Have a problem - Need parts - Please call Toll Free (866) 658-7300

Troubleshooting

START-UP IS HARD

- Make sure the fuel line is running and there are no air bubbles, press primer ball to force fuel into the carburetor.
- Make sure there is no water in the gasoline.
- Check the spark plug.
- Check for clogged fuel filter.
- Check for clogged air filter.
- If you attempt to start the engine too many times, there may be excess fuel in the cylinder. Remove the spark plug and check the gap, should be .030, clean the spark plug while removed and allow excess fuel to evaporate.
- Replace spark plug.

ENGINE RUNS, NO HIGH SPEED

- Check if the choke is open.
- Check if fuel line is kinked.
- Recheck carburetor adjustment.

ENGINE STARTS, BUT STOPS RUNNING

- Adjust idle speed screw.
- Check air box.
- Check for air in the fuel line.

ENGINE RUNS, LACK OF POWER

- Vent on the fuel tank cover is blocked.
- Fuel line may have sediment or may be leaking or the fuel filter may be blocked by dirt.
- Recheck carburetor adjustment.

ENGINE WILL NOT RUN AT ALL

- Make sure you have fuel and spark.
- Clean and regap the spark plug.
- Check for blockage in the muffler or fuel line.
- If you attempt to start the engine too many times, there may be excess fuel in the cylinder. Remove the spark plug and check the gap, should be .030, clean the spark plug and allow excess fuel to evaporate.

- **Check these items after 20 hours of riding.**

- Check and make sure all nuts and bolts are tight put a drop of oil on them to prevent rusting.
- Check and clean the air filter.
- Clean the fuel filter.
- Clean the accumulated carbon on the spark plug: adjust the gap to .030.

IF THE DIRT BIKE IS NOT GOING TO BE USED FOR A LONG TIME

- Remove the fuel in the tank and the carburetor, close the choke.
- Remove the spark plug and add **2 drops** of oil than pull the engine 2-3 times, reinstall the spark plug.
- Use a soft clean cloth with engine oil on it to clean the engine and a soft clean cloth with wax on it to clean the plastic. Store in a dry well ventilated area.

Have a problem - Need parts - Please call Toll Free (866) 658-7300

Preparation before start up

- Make sure the brakes work properly and adjust if necessary.
- Check bolts for tightness.
- Check tire pressure.
- Check the throttle and make sure it works properly.
- Check fuel level before every use; be sure to refuel with the mixture of 4 ounces of two-stroke engine oil to 1 gallon of gasoline for a ratio of 32:1.
- Allow 1-3 minute warm up after cold start.

Steering Wheel

- Check the steering wheel, make sure it turns both way smoothly.

Tires

- Always check the tires before riding, be sure they are in good condition, check for nails, glass or any other items that may puncture your tire. Check for cracks in the side wall. If there are any problems with the tires please replace immediately.

Tire Pressure

- To ensure maximum performance and safe operation please check the tire pressure before riding. Do not over inflate your bikes tires because the handling characteristics are different when the maximum air pressure has been exceeded.
- Front Tire Pressure: 28 psi (cold)
- Rear Tire Pressure: 28 psi (cold)

Brakes

- Check the brakes before you ride each time if they are soft or spongy or are not working right, you must repair immediately

Starting the Pocket Racer

- If the engine is cold press primer cup under the carburetor (See figure 1) a few times. Put the choke on and pull start the Pocket Racer (See figure 2).
- If the engine is warm it should start without choking or priming.
- After bike is started turn choke 1/4 off then 1/2 off and in 1 minute completely off after engine warms up.
- For a cold engine, let the engine idle for 1-3 minutes before riding then begin to turn the choke off.

Riding

- Release the brake and twist the throttle to accelerate

Stopping

- Slow down by releasing the throttle and applying the brake.

NOTE: The muffler and exhaust pipe are hot. Stop away from pedestrians.



FIGURE 1



FIGURE 2

Adjusting the chain

- Loosen the bolts on the motor and the adjust bolts for the chain.
- Leave 3/8" play in the chain, after acquiring the proper play in the chain, tighten the adjusters bolts.
- Tighten the bolts on the motor securely.
- Lightly oil the chain.

Adjust Carburetor

- After riding for at least 1 hour, the carburetor should be adjusted. This should only be done yearly. Block the rear wheel off the ground, start the engine, hold the throttle steady at about 1/2, locate the adjustment screw (bottom of carburetor See figure 3), **slowly turn this screw in until engine starts to slow down then back out 3/4 of 1 turn.**

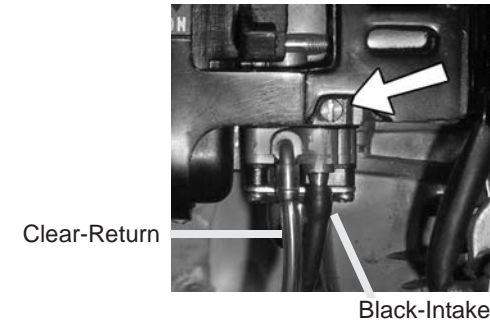


FIGURE 3