

USER MANUAL
GASOLINE SCOOTER
(4 Stroke engine)



Read these instructions carefully before using

LSAFE FOR USE (CAUTION)

1. Don't allow anyone who does not understand this instruction manual to operate the scooter
2. Use 4-cycle engine oil. (Otherwise, it causes a poor start, insufficient output or damages the engine.)
3. Don't run the engine in a room or poorly ventilated area. (The exhaust gas includes odorless but hazardous carbon monoxide.)
4. Do not put your hand or foot near any moving or rotating part of engine.)
5. Do not store, spill or use any gasoline near a fire, stove, oven, boiler or other instruments, which uses a pilot light or spark. (Otherwise, it may cause an explosion.)
6. Smoking is strictly prohibited while refilling the fuel.
7. While the engine is running or while it remains hot soon after stopping, do not remove the lid of the fuel tank or refill the fuel (before or refilling the fuel, stop the engine and cool it down 2 minutes or more.)
8. If any gasoline spilt or smelled or any danger of explosion is felt, do not run the engine.
9. Do not aimlessly adjust the revolution speed setting of the engine.
10. Check spark while keeping the spark plug removed.
11. Do not run the engine with the muffler or air cleaner cover removed.
12. Keep anything not to touch any hot muffler or engine part, otherwise it may make a fire.
13. When the engine runs, do not touch any spark plug cap or high-tension cord. (Otherwise, it may cause an electric shock and harm your body.)
14. Don't run any engine as a single unit.
15. Always wear helmet & safety gears.
16. Always check the brake instruments before riding.
17. Do not ride in raining, snowing day, slippery surface. Or unstable due to gravel, sand etc
18. Persons under the age of 16 should not operate the gasoline scooter.
19. Pregnant persons should not use this product.
20. Never use alcohol or drugs before or while operating.
21. Do not stop the scooter suddenly. (Run slowly 3-5 minutes after start-up or before stopping.)
22. Do not ride if your weight over 220lbs.
23. Always use new gasoline, the NO. is not under 93#.
24. Before starting the engine, make sure that no person or fuel filled tank is present within a radius of 15m
25. This scooter does not conform to federal motor vehicle safety standards and is not intended for operation on pedestrian, street, highway or freeway.

II. Technical specifications

ITEM	SPECIFICATIONS	ITEM	SPECIFICATIONS
Engine	Single cylinder , four stroke , air cooling	Fuel consumption	100km/2L
Cylinder diameter strokes	39x41.4(mm)	Gas tank volume	1.75L
Spark plug	1137	Max speed	75km/h
Carburetor	Double films	N.W	71kg
Idle speed	1500 ± 150rpm	Min clearance, From ground	150(mm)
Output swirl direction	Anti-clockwise		
Ignition ways	0.6-0.7mm	Weight capacity	220L bs
Spark plug clearance	CDI	Package size	1410mmx460mmx80mm
Start ways	Electric start, kick start	Wheel distance	1100 ± 10(mm)
Fuel	Leadless gasoline	Clutch	4 gears
Displacement	110CC	Torque	3Nm/6500rpm
Rated power	2.5kw/18500rpm	Wheel	(Front) 120/60-12 (Rear) 130/60-13

III.HOW TO START:ELECTRIC START

- 1) Check the fuse Turn out key switch.
- 2) Press the electric start switch, The engine will start-up in a short time.

Note :

1. If you do not use scooter for a long time, the electric start is difficult to work, running the accelerograph and add some oil
2. After the cool engine start up, keep the engine to a lowest speed and run 3 minutes.

VII. User manual

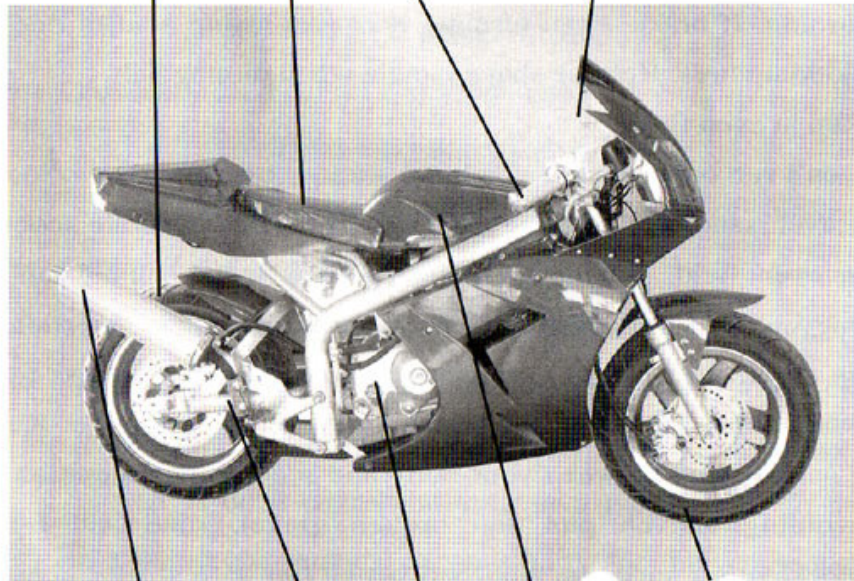
1. After the engine start up, running 3-5 minutes at a low speed.
2. Run as per actual situation when engine is enough heated. Press throttle handle tightly, scooter will run more quickly. Release throttle handle, scooter slides like bicycle. Please release throttle handle and grasp shake handle if you want to stop. Don't throttle before you is not on the scooter.

3. How to use brake handle

In order to brake quickly, front and rear brakes are used at the same time, which is in common use. Avoid brake urgent.

IV. Composition parts description (see graph)

Rear wheel seat accelerograph handle bar



Muffler footrest engine cover front wheel

V. Preparation before start-up

1. Inspect equipment
Check key switch, fuse, start system.

2. Refuel
Use 93# gasoline

3. Check and clean the air filter

The air filter must be often cleaned, or the polluted air filter will lower the output power of the engine. If the air filter is blocked by dust, use gasoline to clean the air filter, then dip in the oil, wring oil and put the air filter back.

VI. Start-up

4. Turning

Avoid big angle turning; circulate more path as soon as possible at a low speed when turning. Don't turn abruptly or at a high speed. Otherwise it in addition, please brake before turning. If brake when turning, it causes losing control due to skidding tires. Release shake handle when turning half.

5. Run in even fields

Don't run on surfaces, which are slick or unstable due to loose gravel, sand etc. Improve alert in these fields. Operate scooter in even field. But don't ride at a high speed. Don't run in uneven, broken or blockage. Inspection distance is determined by speed. But please remember that you avoid it in less time when approach blockage. Watch your running direction. Keep a natural tend between your body and scooter. Pay attention to avoiding uneven pits and broken gravel, sand and other blockage on surfaces. You had better run around blockage or take off to walk around it. Improve alert running. Control scooter at times as a safe, civilized driver.

6. Grinding-in period of the new scooter:

The distance of the grinding-in period of the new scooter is 1000km, choose stable fields as soon as possible, avoid accelerate urgent and brake urgent. Restrictive speed as

follows:

The speed of first period (0-300km)	Less than 40km/h
The speed of second period (300-1000km)	Less than 50km/h

VIII. Caution

1. Maximum load:220 pound (100KGS)。
2. Maximum add weight:22 pound (10KGS)。
3. Always wear a helmet and safety gear.
4. Forbidden to change any equipment personally.
5. Don't ride in raining, snowing day, slippery surface, or unstable due to gravel, sand etc.
6. The dealer, importer or manufacturer of this product can consider no loss, consequential loss or personal injury claims whatsoever as a result of riding this scooter. Operating this scooter is done entirely at your own risk. If you do not or cannot accept personal responsibility for any consequences caused by riding this scooter then the advice given is not to ride this scooter.

IX. Maintenance:

1. Check the work condition of front and rear arrester, adjust them if it is necessary.

2. Check the air pressure of the front and rear wheel if it is appropriate, and check the wheel whether it is attrited, adjust and change if it is necessary.
3. Engine oil, to check if it is poor.
4. Check fixing pieces whether it is loosen, adjust them if it is necessary.
5. Check item and time list period.

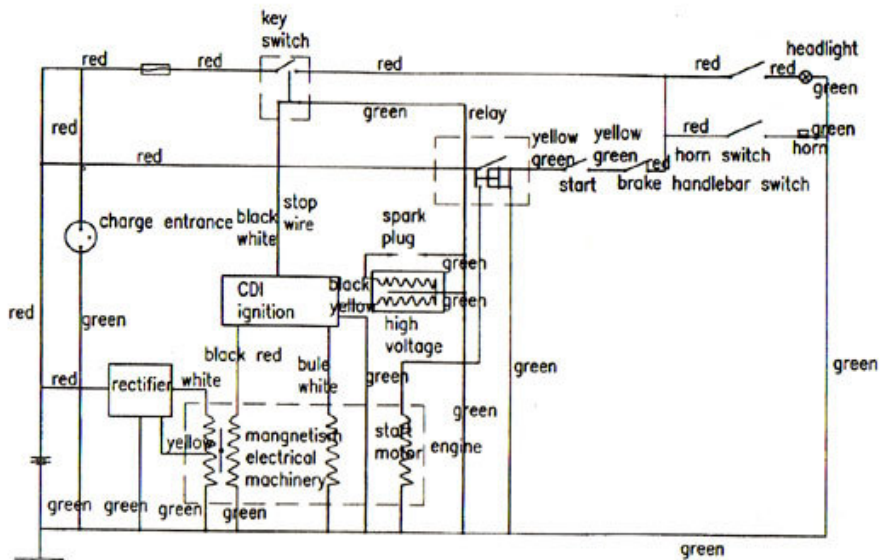
Period Item	Use period				
	300KM	600KM	1000KM	2000KM	2500KM
Engine oil	Change	Change	Change	Change	Change
Air filter	Clean per 4000KM, change it if it is necessary.				
Spark plug	Check	Check	Check	Check	Check
Chain	Adjust		Adjust		Adjust
Carburetor	Check		Check		Check
Brake	Check	Check	Check	Check	Check
Fixing piece	Fixing		Fixing		Fixing

6. Trouble shooting

Trouble	solution
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Difficult to start	<ol style="list-style-type: none"> 1.check the fuel way if it is smooth, if there is air in the fuel tube. 2.check if there is fuel accumulated or water. 3.check the spark plug and the connecting wire. 4.check if the interrupter switch is of short circuit.
The engine do not work in order	<ol style="list-style-type: none"> 1.check the spark plug. 2.check the fuel way if it is smooth. 3.check the engine oil whether it is up to the standard.
Engine be idle	<ol style="list-style-type: none"> 1.check the fuel whether it is poor. 2.the engine is too hot 3.the cylinder has been damaged.

X. Electro circuit





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The following items are covered by our Emission Control System Warranty.
 Refer to the chart to see the length of time your vehicle is covered.
 Refer to your owner's manual for your maintenance schedule.
 For your entire warranty and other issues not covered here or in your manual, please refer to our web site.

www.buyang.com

Please consult your dealer if you have any questions.

EMISSION CONTROL SYSTEM WARRANTY

Off Road Motorcycles	< = 70CC:	5 Years / 5,000 Kilometers
	> 70CC	5 years / 10,000 Kilometers
ATVs / UVs / Go Karts	< 100CC	5 years / 500 Hours
	> = 100CC	5 years / 1,000 Hours

On Road Motorcycles	Class 1-A	5 years / 6,000 Kilometers / 3,728 Miles
	Class 1-B	5 years / 12,000 Kilometers / 7,456 Miles
	Class II	5 years / 18,000 Kilometers / 11,185 Miles
	Class III	5 years / 30,000 Kilometers / 18,641 Miles

Note: Your particular vehicle may have some or all of the following.

Fuel Metering System: Carburetor, Carburetor Air Jet Solenoid Valve, Carburetor Coolant Thermal Valve, Starting Enrichment Thermal Valve, Starting Enrichment Valve, Idle Air Control Valve, Intake Manifold, Fuel Filter, Throttle Body, Fuel Injector, Fuel Pressure Regulator, Fuel Pump

Air Injection System: Pulse Secondary Air Injection Check Valve, Pulse Secondary Air Injection Control Valve, Pulse Secondary Air Injection Solenoid Valve

Ignition System: Engine Coolant Temperature Sensor, Gear Position Switch, Ignition Coils, Ignition Control Module, Ignition Pulse Generator, Distributor Ignition Capacitor, Spark Plug (covered to the first replacement only) Spark Plug Cap, Spark Plug Wires, Cam Position Sensor, Vehicle Speed Sensor, Engine Control Module, BARO Sensor, Throttle Position Sensor, MAP Sensor, Knock Sensor

Shot Air System: Intake Air Shot Air Check Valve, Intake Air Shot Air Valve

Exhaust System: Catalytic Converter, Oxygen Sensor, Heated Oxygen Sensor, Exhaust Gas Control Valve, Exhaust Manifold, Exhaust Pipes (to the catalyst and between catalysts) Air Fuel Ratio Sensor

Intake Air Temperature System: Intake Air Temperature Check Valve, Intake Air Temperature Sensor, Intake Air Temperature Thermal Vacuum Valve, Intake Air Temperature Valve

Crankcase Emission Control System: Air Cleaner (covered up to the first replacement only) Air Cleaner Housing, Air Cleaner Housing Cover, Crankcase Breather Separator, Crankcase Breather Storage Tank, Crankcase Breather Tube Plug, Reed Valve, Oil Filler Cap, Solenoid Valve

Parts Associated with the Systems Above: FI Indicator Light Bulb, Malfunction Indicator Light Bulb, Tubing, Fittings, Clamps, Gaskets, Hoses, and Mounting Hardware.

Warranty service should be completed by an authorized BUYANG repair center or by a qualified mechanic.

Maintenance

Maintenance Schedule

Maintenance procedures:

I: inspect and clean adjust or replace if necessary C: clean A: adjust L: lubricate R: replace

Items Of Maintenance	Frequency	Odometer km					Remark
		400km	800km	1500km	2500 km		
Circuit of fuel system		I	I	I	I	I	
Fuel filter		C	C	C	C	C	
Throttle operating system		I	I	I	I	I	
Air filter element		C	C	C	C	C	
Spark plug		I	I	I	I	I	
Engine lubricating oil	C-monthly	R		R	R	R	
Idling speed of carburetor		I		I	I	I	
Wear of brake shoes			I	I	I	I	
Rear brake system		I	I	I	I	I	
Front braking system		I	I	I	I	I	
Side stand			I	I	I	I	
Suspension		I	I	I	I	I	
Nuts bolts&other fasteners		I	I	I	I	I	
Wheel		I	I	I	I	I	
Bearing of steering handle		I	I	I	I	I	



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Consumer Motor Vehicle Delivery Preparation and Inspection Form.
 This form is to be completed by you or your dealer before you take possession of your BUYANG product.
 Please enter the 17 Digit VIN# or PIN# of the BUYANG Product in the fields below.

Engine #: _____
 Model #: _____ Color: _____ DOP: ____/____/20
 Motorcycle Dirt Bike Scooter ATV Go Kart Utility Vehicle PWC Snowmobile Other: _____

Please fill out this form and mail to us for warranty verification.

Name: _____
 Address: _____
 Address: _____
 City: _____ State: _____ ZIP: _____
 Phone: () _____ Email: _____

Instructions for the dealer: Please use this form to inspect all BUYANG products before customer takes delivery. This form is NOT used to gather customer information for any other purpose. Also your state law and federal law (49CFR part 573) may require this form as well. Failure to fill out this form may result in loss of warranty for your customer. This form is to be filled out along with the customers warranty card mailed back to BUYANG within 5 business days after delivery to your customer. Dealer: Check the OK box if item is in good working order. DI = Dealer's Initials | CI = Customer's Initials. Use N/A on items not applicable to the model being inspected. Dealer is required to replace shipping fluids with new fluids based on climate and other factors. Failure to replace the fluids with US branded fluids may result in loss of warranty!

Inspection	OK?	DI	CI	Inspection	OK?	DI	CI	Inspection	OK?	DI	CI
Engine O/A:				Lights:				Tires:			
Starting:				Tail Light:				PSI Front L/R:			
Idle:				Brake Light:				PSI Rear L/R:			
Throttle Up:				Left Dir F/R:				Body Panels:			
Throttle DN:				Right Dir F/R:				Optional Equipment:			
Shut Off:				Hazzard:				Fluids:			
Transmission:				Head Light H/L:				Gear Oil:			
Shifting:				Instruments:				Transmission Oil:			
Reverse:				Speedometer:				Differential Oil:			
Brakes:				Tachometer:				Documentation:			
Front Free Spin:				Odometer:				Manual:			
Rear Free Spin:				Indicators:				Parts Manual:			
Front Brake:				Horn:				Safety Manual:			
Rear Brake:				Oil and others:				Copy of Warranty:			

Dealers are advised to direct customers to resources in regards to laws, safety courses and other information that the customers should be aware of before taking delivery of the vehicle.
 DEALER TEST DRIVE REPORT: Dealer is required to test drive your vehicle before you take delivery to verify the items listed above are functioning properly.
 You may enter any notes here as well.

IMPORTANT NOTE TO DEALERS AND CONSUMERS:
 During assembly you must drain all shipping fluids and replace them with a quality US branded fluids. This includes engine oil, gear oil and coolant. Screws, nuts and bolts should be checked before each ride. It is advisable to use a product such as "Lock Tite" on screws that tend to back out. If you are a dealer, you must contact your sales rep for instructions on obtaining warranty items. If you are a consumer, you must contact the dealer where you purchased your item.
 All tech support inquiries are handled through our web site. Telephone tech support is offered to dealers only.

Complete the above form and mail it to us along with a copy of your receipt.
 For complete information on our warranty and tech support please visit our web site
 or contact your local dealer.
www.buyang.com

Mail To: Buyang U.S.A INC.
 Att: Warranty Dept
 2505 NW 74TH AVENUE
 MIAMI, FL 33122

DO NOT FORGET TO ATTACH A COPY OF YOUR RECEIPT BEFORE MAILING YOUR WARRANTY CARD IN!