



Please read this owner's manual carefully before using this product !

If you have no experience with motorbikes and engines you may like to visit [youtube.com](https://www.youtube.com) where you can find 10's of videos regarding your new bike (starting, cleaning, maintenance tips and many others which will help you to keep your new bike in good condition).

Please read this owner's manual carefully! It's good for driver's safety and vehicle's maintenance!

If the rider is without safety awareness or driving experiences, please do drive under the adult's supervision! This is most important! It's very important for your safety. This product is recommended for riders of 14 years old or over. Do not lend the vehicle to others who don't know how to operate. Please observe the local law and regulations.

Safety warning

1. This vehicle is not a toy.
2. Rider under 16 years old must use this product under adult's supervision
3. Children must be trained before driving. This is very important.
4. Be sure of children's ability to forbid the risk. This is very important.
5. Children must understand the manual and the importance of warnings on the manual.
6. User must read the owner manual carefully and understand the content of the manual.
7. Incorrect operation of this ATV will result serious injury or even death.
- 8. Age limit warning.(See aluminum warning plate on the ATV)**
9. This product is not intended for OFF-ROAD use. Please get off the vehicle and walk with it when crossing the roads.
10. Never ride with more than one person.
11. Never attempt to operate this vehicle while under the influence of alcohol or drugs, avoid injury or death.
12. Please control the speed, do not drive at excessive speed.
13. The vehicle is not allowed to use in the adjustment or maintenance period.
14. Be sure the vehicle is in a good condition before using it.
15. Do not modify the vehicles or change the spare parts. This is unsafe and illegal.
16. The accelerating installation of the vehicle has been set. Users should not adjust it, which may result in serious injuries and death.
17. Before riding ,please wear the safety helmet □gloves □protection dress and footwear ,to ensure the safety .
18. It is necessary to receive training from importer or retailer, and learn the operation skills.
19. Learn local laws and regulations of ATV driving from the retailers.
20. It's easy to be burned by break after using the vehicle for a long time.
21. Although the vehicle is with safety designed measures, harms still can not be avoided.

OFF ROAD USE ONLY



Please read the warning labels on the vehicle carefully, and understand them fully.

1. Warning caution label includes important safety information .
2. User must understand the content of labels completely, and carry out.
3. Make sure all the labels are put on the vehicles already.
4. When finding the labels are not clear or fall off, please ask dealers for them to stick on the vehicles to ensure the integrity of all the labels.

General information:

The following information provided below is to help you get started with your new bike. It is not a training manual and does not guarantee any bike malfunctions. Make sure you keep up with normal maintenance for your pit bike just like you would a Honda, Yamaha or any other brand.

Below are a few tips to get you started.

When you first get your bike make sure you go over every bolt on the bike to make sure that it is tight. We also recommend that you use thread-lock on all of the main bolts. Make sure you check your bolts every 3-5 rides for safety purposes.

When you first get your bike out of the crate it is important that you check and tighten the spokes if needed. You will also need to re-check the spokes after every 2-3 rides. To tighten the spokes, from the valve stem, tighten every third spoke, with just a few turns each until you work your way all the way around the wheel. Repeat this process until all the spokes are completely tight.

After your initial ride your chain is going to stretch. It is important to keep your chain tightened to the appropriate tension to avoid chain malfunction while riding. You will also want to check your chain every time before you go ride. You should be able to get 2-3 fingers under the chain on the top side of the swing arm right at the front of the rear wheel.

Your rear shock is adjustable (N/A on some models) by tightening and loosening your rear spring. You can do this by turning the two large main nuts on the top of the shock spring. There is also a set screw you can loosen to turn these two nuts.

Petrol-Oil mixing ratio: This bikes have 2 stroke engines where petrol must be pre-mixed with 2 stroke oil.

Petrol (Unleaded Pb95)

2T Oil (2 stroke oil for motorbikes – red)

Ratio is 25:1

For example:

-5ltr of petrol mix with 200ml of oil

-2ltr of petrol mix with 80ml of oil

-1ltr of petrol mix with 40ml of oil

Always mix petrol with oil before filling the tank and well shake it.



A mixture that is too lean i.e. not enough two stroke oil can damage your bike's engine as the moving parts are not properly lubricated. This can cause the engine to seize.

Starting the bike

Every day before starting the bike you must perform quick check and tight screws/bolts/nuts/spokes if any loosen found check the air pressure in the wheels and chain. Please make sure air filter is clean and chain is lubricated.

To start the bike : please make sure that: Ignition is ON, red switch is in ON position, kill switch is placed well, petrol tap is ON (up and down position), choke lever is in up position (when engine is cold) or down position (when engine is warm), tank is filled with properly mixed petrol, Alarm is unset (only in quads)

Shake the bike well

Start the bike with quick pull or gently, slow pull if your bike is equipped with easy pull start sometimes you may need to press throttle to open carburetor while starting.

Lift rear wheel and revs the engine for a few seconds, push the choke lever into down position (normal operating position)

Please make sure engine is properly tuned (ticking over only) you must tune the engine after first start and keep the engine properly tuned at all times.

Ride the bike

Breaking in new bike:

Operating and driving way in the first or second weeks may affect the vehicle future performance. Please pay more attention.

During this period, do not turn the throttle into maximum, should alter the speed often.

You should check perform complete check after every ride and tighten any loose screws/bolts/nuts/spokes.

You must check your chain after every ride and tighten if needed as your chain is going to stretch

Riding

Before driving, please review the safety driving way and its importance.

1. Pay attention to the brakes working condition always.
2. Driving with only one hand is dangerous and forbidden.
3. Turn the throttle slowly. Never turn it suddenly.
4. Release the throttle and use the brake, to make it slow down.
5. Make sure both the front brake and the rear brake work at the same time when braking. Never force too hard, that will reduce the working life of the brakes.
6. Do not make dangerous movement while driving to ensure safety.

Parking

1. Turn back the throttle and brake at the same time.
2. Turn the key to "OFF" position when the vehicle stops, then take out the key.
3. Parking function is recommended at this moment to avoid sliding.

Cleaning

After every riding, the driver should clean the vehicle.

1. High pressure air or water will harm the vehicle.
2. Do not splash water on these parts: key switch, cables, and battery.
3. Generally, to wash the vehicle with clean water..
4. Do not turn on the key switch immediately after cleaning.
5. Chain should be daubed with lubricating grease.



Storage

The quality will be influenced if you do not use vehicle for a long time. Before storage, vehicle must be checked to ensure it is in a good condition.

1. Check the weight of vehicle from the parameter list.
2. Clean up the vehicle, and then wax its surface.
3. Turn off the key switch
4. Clean the chain, and then lubricate it.
5. Lubricate all the cable parts.
6. Place the vehicle well-packed in a cool ventilated place to avoid damp and sun exposure.

Bike maintenance schedule:

Visual check..... Before every ride (tighten all screws/nuts/loosen parts if you find any loosen).

Air Filter.....Clean every 2 rides. Clean every ride if you are riding in dusty conditions.

Spark Plug.....Change every 20-30 hours or as needed. (Spark plug gap is .06-.07 mm)

Fuel Filter.....Change every 6 months or as needed.



Throttle/Clutch Cable.....Lubricate every 20 hours (cable lube). Change as needed.

Carburetor.....Clean every 3 months or as needed.

Fuel Line.....Change as needed.

Chain.....Change as needed. Keep properly lubricated (chain lube) and tightened

Bearings (all).....Change as needed. Keep properly lubricated (general purpose grease).

Perform daily check through the bike including: check all bolts/nuts/screws/ parts & spokes in the wheels and tighten them if needed.

Check air pressure in the wheels, oil level in the engine/gearbox before every ride.

Make sure engine is properly tuned at all times.

Keep the bike clean at all times, particularly air filter, cylinder, chain, carburetor and wheel bearings. (Mud on the air filter, cylinder or in the carb can damage your engine or cause engine to work improperly).

Use the bike in the normal domestic purposes only. Our bikes were not designed for high impact tricks or stunts. Do not over-use, run the engine on the maximum revs longer than 30 seconds, overheat the engine, use the bike if you find any loose parts/bolts/nuts/screws or wheel spokes or chain till you tighten them in.

Solving problems:

Bike won't start :

follow all steps form point "starting the bike"

locate overflow hose on the bottom of carburetor put your mouth in to it and blow air inside till you see petrol coming out of the air filter, place the bike back on the wheels and start it, once it's starts lift rear wheel and revs for few seconds till it will burn oil and clean carburetor (repeat few times if needed),

remove and clean spark plug,

check all wire connections,

remove petrol and fill the tank with new one.

Petrol is leaking from overflow hose: remove and clean carburetor (remove little valve inside the carburetor and well clean over there)

Bike is running on high RPM after starting (rear wheel spins): tune down the engine, locate yellow screw on the carburetor and turn it left, if the bike won't hold RPM and dies tune the engine up turning this screw in to right direction. **Always keep bike's RPM low !**

Lack of performance: bike is running to rich or to lean. It is recommended that any adjustments to the carburetor are made by a professional.

Rear wheel is locked: replace clutch

Chain keeps falling off - The chain might be loose and need to be tighten by first loosening the axle outer nuts and then tighten up the axle adjusters on each side. After the chain is tightened, go ahead and tighten the axle nuts. The wheel and motor sprockets are not properly aligned. check to see if the chain is straight from the rear wheel sprocket and the motor sprocket. If not, then follow the above procedure to get the chain lines up correctly. In mini quads to tighten the chain you need to move the whole engine forward. To do so put the quad on the side, on the bottom you will find 6 bolts which holds the engine to the frame.... Loosening all of them and 1 more on the left hand side of the engine. Also loosening the exhaust (you need to loosen bolt under the seat which hold exhaust to the engine. Check if you can easy move engine forward... on the front of the engine are tensioners which will pull the engine forward and tighten chain when you turn them. When you tighten chain properly tighten all bolts which holds the engine and exhaust to the frame.

Do Not:

- Use other fuel just Unleaded Pb95
- Use other oil just 2T Oil for motorbikes
- Ride the bike on the public roads
- Pull to far while starting – it will damage pull start
- Ride the bike on the high RPM for a long time
- Store Quads (with electric start) outside during winter months, this can cause problems with electric starter
- Over-use or over-load bikes

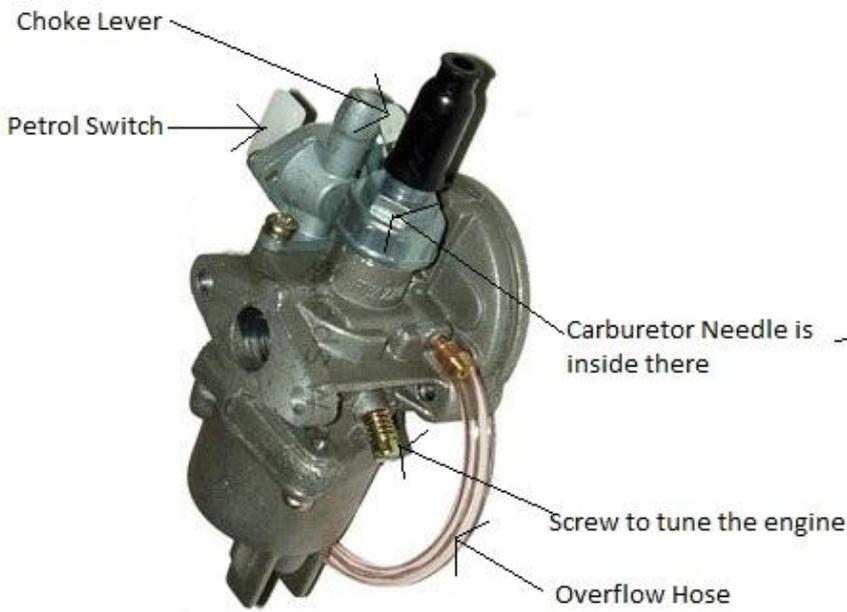


How to properly tune your engine:

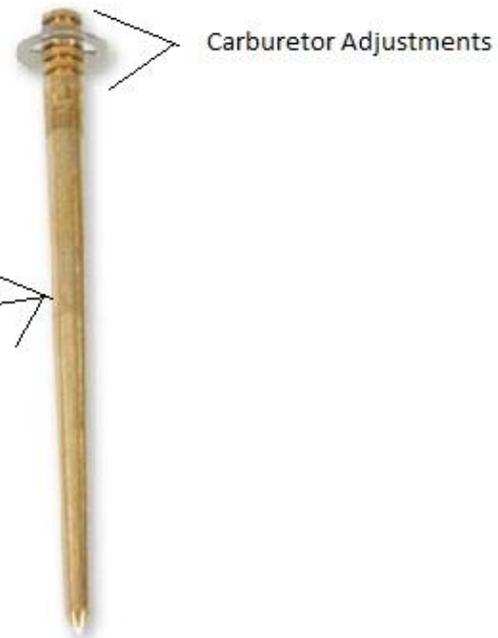
All of mini bikes are equipped with gravity clutch (the clutch has 3 springs and spin inside the gear wheel)... when the engines revs are low clutch is fully closed and the bike does not move. While you twist throttle the engines revs are getting higher than clutch opens and catch the gear wheel which cause wheel to spin. To prevent clutch to be in half open position and burn out you must always keep engines revs as low as possible. To do so... start the bike... lift the back wheels and revs few seconds till the engine will get warm (make sure that choke is in down position). Release throttle and see how the bike runs on the low revs it should be ticking over only. If the revs are higher and you can see that the back wheel/wheels start to turn it means that you need to lower the revs. To do so find a goldy color screw on the left hand side of the carburetor and turn it left till the revs will be low. If you find that the bike won't stay running on the low revs you need to turn this screw in to the right directions. Settings may change time to time. You need to always keep the engine properly tuned ticking over only.

Always wear helmet and protective clothes while using bikes

Carburetor



Carburetor Needle



You should always keep your bike in good condition and maintain properly. If you are not sure how to do so visit our youtube channel where you can find helpful videos.

