

ATV SAFE START GUIDE

(ALWAYS USE PROTECTIVE GEAR WHEN RIDING OR WORKING ON YOUR ATV)

- 1) Follow instructions on how to hook up battery, and assemble the rest of the unit. While assembling unit, charge the battery on a 12 volt, 1 to 2 amp trickle charger before first use. This will help to extend the life of the battery.
- 2) FOR WHEEL ASSEMBLY (follow assembly instructions that came with your ATV this is just a brief overview), the wheel goes on first, then the wheel spacer (kind of pushes up underneath the hub), then flange washer, then the castle nut (finger tight), then tighten the nut down further until you can insert the cotter pin through the hole in the castle nut and the hole in the axle, Insert cotter pin. ***USE LOCTITE ON EVERY NUT AND BOLT ON YOUR ATV TO ENSURE NO LOSS OF PARTS OR FUNCTIONALITY DURING RIDES. ALWAYS CHECK FOR LOOSE NUTS AND BOLTS BEFORE RIDING.**
- 3) Drain any oil that is in the unit when you receive it and fill with fresh oil. Use dipstick to make sure that there is enough engine oil filled to appropriate level, **DO NOT OVERFILL**. Your ATV uses REGULAR 4-Stroke oil 10W30, 10w40 or 15w40. Once it is broke in, after about an hour of use, change your oil again and then change about every 10 hours of use thereafter. **NEVER ADD OIL TO LEFT SIDE OF ENGINE, ALWAYS ADD ON DIP STICK SIDE (RIGHT SIDE)**
- 4) Make sure the top of the carburetor (Throttle Body Top, it's a round cap that connects the throttle cable to the carburetor) is screwed down tightly and is secure BEFORE EACH RIDE. If this cap comes off your ATV will rev at full throttle during a ride and may cause a crash.
- 5) Before you put gas in the gas tank, make sure to check the fuel line. Make sure it is connected and **NOT KINKED** from the gas tank, to the petcock, to the fuel filter, to the carb. In some instances it may be off the carburetor inlet. Add ¼ tank of gas, Use high 93 octane gasoline. Jets in the carb jets are very small and lower grade gasoline will clog them. Then on the bottom bowl of the carb, you will see a fuel line with a clear, capped fuel filter. Remove this filter and drain the carb bowl. See below picture....



(to drain the bowl, loosen this screw until all the gas has dumped out, use a bowl to catch the gas. You will see a yellow/brown/orange liquid come out with the gas, this is just packing liquid for shipping. Once this has all drained out, screw back tight, put the capped fuel filter back on the fuel line and fill the tank with gas)

6) Make sure the throttle cable is pushed all the way into the top of the black rubber holder at the very top of the carburetor. AGAIN the top of the carburetor needs to be screwed down, all the way down.

7) Turn on gas petcock (located on right side of carburetor, turn clockwise to on-it allows gas to fill the gas lines and the bottom of the carburetor. **Make sure there are not any kinks in the fuel lines**). Some models- this is not necessary because there is no gas shutoff valve=petcock.

8) **DO NOT USE THE REMOTE START TO START THE UNIT. ONLY USE THE REMOTE FOR ENGINE KILL/STOP.** Put the key in the off position, then on the remote push unlock twice.

9) Turn key to ON. To start the unit for the first time, you must use the key to start it and if you use the remote unlock to shut bike off then you must hit the unlock button twice before starting the next time.

10) Raise the back end of the unit up and put a block under the back end. This is a good position to have it in as you make adjustments while starting.

11) Fully choke the unit. We have two different models of chokes. One has the choke on the way to the left (fully choked), other type=Carburetor choke- slider should be all the way up (fully choked)

12) For some models -Set the left hand brake (pull back on the left handle brake lever) and then push red button (kill switch) on left handle grip=THIS IS OUR #1 Problem, because if you cannot start it and you continue to give it more and more gas = Flooding the engine and running too rich which then deposits BLACK carbon deposits on your spark plug making it very hard to start in the future. For other models -Set the left hand brake (pull back on the left handle brake lever) and push red switch forward on left handle grip (rocker switch). ON black models-turn the gas shutoff (on right side of carburetor) on (lever needs to be down).

13) Push starter button on left handle bar which is yellow on some models, it is a black button on other models, which is below the red kill switch.

14) If when choke is on and you push the start button it will start up and almost immediately it will die. Then turn the choke off, then push start button and it will restart immediately and NOW work the throttle to keep it going while it warms up. (if you leave the choke up while running or idling you will FOUL your spark plug because you are too rich and the spark plug turns black).

15) After starting, Let it idle for 2-3 minutes.

16) Now you are ready to ride the ATV.

17) Adjust maximum riding speed - When NOT riding the ATV, adjust the maximum speed control with the black long screw that sticks out of the right handle grip (see picture). When you loosen the screw, it increases the maximum speed, when you screw it in, it reduces the maximum speed. After adjusting the maximum speed to the desired setting, tighten the nut around the bolt tightly so that the bolt does not fall out. Also if the bolt is free to vibrate, it will change your maximum speed setting.