

SCOOTERX MANUAL:

Getting Started:

First start by unfolding the handlebars, then tighten the bolt at the bottom of the handle bar until secure. This step will stabilize the handlebars. Next connect the handle bar to the neck using the three allen bolts. Fasten until secure. Next attach the gas tank with the two screws provided. We recommend using loc-tite glue to prevent the screws, and bolts from rattling loose (loc-tite is available at most auto part stores). Next you need to install the front tire. Remove a nut off one end of the axle, and then slide the axle thru the front tire and the scooter frame at the same time. Make sure you have one spacer and one washer on each side of the wheel. Put the nut back on, and fasten securely. Once the scooter is completely assembled you need to check that all screws and bolts are securely fastened. Loc tite is highly recommended if you prefer easy maintenance.

Starting your ScooterX:

Before you add gas you need to make sure the oil is mixed in properly. The gas/oil ratio is 25:1 the ratio mixing canister included with your scooter will make fuel mixing easy. If you are not using the mixing canister simply measure out 5 ounces of two stroke oil for every gallon of unleaded gas. Once you have the proper mixture add gas to the scooter, and secure the gas cap. On the bottom of the carburetor you will see a small bubble. This is the primer bulb. You will need to pump the bulb until you see the fuel reach the carburetor. You should only need to pump the bulb when gas is first added to the tank, or if it has not been started in a while. Next make sure the choke lever is in the upright position. You will need to use the choke every time the motor is started cold. Next pull the starter cord. If the scooter doesn't start within three to four pulls simply turn the throttle halfway while pulling the cord. After it starts let the motor warm up for about 1 minute. Once it is warm put the choke lever in the down position and ride in brake in mode for the first tank of gas.

Breaking in the motor:

This process is very easy, and will help extend the life, and performance of the engine. If not broken in properly your engines performance may suffer. For the first tank of gas do not exceed half throttle. Once you have used up your first tank of gas the break in process will be complete, and you can ride as fast as you are allowed to go.

ADJUSTING YOUR SCOOTERX:

Brake adjustment:

There are 3 adjustments that can be made to the brakes. First you will see an adjustable nut bolt on the side of the hand brake lever assembly. Loosen the bolt, and turn it out about half an inch. Secure the nut clockwise, and then test brakes. If the brakes still need further adjustment you can adjust the pads as necessary. If your brake cable is loose, simply loosen the hex head screw that holds the wire to the caliper arm. Then pull the wire further thru the caliper until tight, and secure the screw.

Carburetor adjustment:

Sometimes the carburetors aren't quite adjusted correctly from the factory. If your scooter isn't going as fast as it should, or it won't idle, then you probably need to adjust your carburetor. It's easy to adjust one. Just follow these steps:

Remove the air filter cover. This is the black box located on the left side of the scooter, towards the front of the engine. There is a screw right in the middle to unscrew. You should now be able to see the air filter and behind it the carburetor. There are two screws on the carburetor which you can adjust, the air screw and the idle screw (see picture to right for guide).

Usually the idle screw doesn't need any adjustment. If it does, it doesn't require much movement (half a turn or so). What usually needs adjustment is the air screw. We've found screwing it all the way in, and then out 3 1/2 turns is usually the right setting. You should try putting the scooter up on a brick or chair, and then giving it full throttle after you adjust it. It's adjusted optimally when the engine is making the highest pitched noise.

MAINTENANCE:

Always check all nuts, bolts, and screws to make sure they are secure for safe scooting. Clean the air filter at least once a month, or every 30-40 hours of use. The air filter is located to the left of the carburetor inside the black plastic air box. Clean the filter using a quality air filter cleaner available at any auto parts store. It is a good idea to use loc-tite solution on all nuts, and bolts so they remain securely fastened.

My scooter won't start:

(1) The most common problem we run into is the fuel being mixed wrong. Double check the ratio is 25:1 If you ad too much oil your scooter will be extremely hard to start, or it simply won't start at all. If you think you added too much oil simply pour the old gas out, and replace it with a new mixture. It is best to mix your gas in a gallon container so you can shake it, and mix it well. To make a 25:1 ratio in a gallon of gas simply ad 5 ounces of 2 cycle oil to 1 gallon of unleaded gasoline. If the scooter sits for longer than a day the gas, and oil may settle. You should shake the scooter to remix the oil into the gas before you ride again.

(2) Another common problem is not giving the scooter a little throttle while trying to start the scooter. This is recommended for easy starting, and it will not harm the scooter in any way.

(3) Another possibility is that your carburetor is out of adjustment. There are 2 adjustments on the carburetor. One is a flat head screw, and the other is a cross head screw. They are both located on the side of the carburetor. The cross head screw is the idle adjustment, and the flat head is the air/fuel adjustment. The idle screw should only be adjusted if the scooter is not idling properly. If you want it to idle higher while the engine is running turn the idle screw clockwise until the scooter idles properly. To adjust the air/fuel screw turn it all the way in, then turn it back out 3 and 1/2 full turns. This is the factory setting.

(4) Make sure the fuel lines are not kinked, clogged, or leaking.

(5) Make sure the kill switch is not engaged, make sure kill switch is not frayed, or disconnected.

(6) Check spark plug, and wire connection.

SCOOTERX SAFETY:

Preparing to ride:

Your personal equipment and good judgment are the only protection you will have. A safe rider wears a helmet, and also makes a point to:

Wear the proper clothing / pads, use eye, and face protection, check the scooter's equipment, and test the scooter's equipment before every ride.

Safety pads:

Safety pads are important to help protect you against injury. Here is a list of recommended safety equipment:

Helmet, Elbow pads, Knee pads, Wrist guards, Gloves, and shoes, or boots.

Being seen by others on the road is very important. Bright colored clothes, and reflective gear will help make you more noticeable, and less likely to be hit by another driver.

Check the scooter:

A scooter needs more frequent attention than a car. The best time to figure out if there is something that needs attention is before you ride. Check the following:

Check all nuts, screws, and bolts, steering moves freely, brakes, and controls, for proper operation, and location of levers, frame, for stress, and fractures, tires, for wear, and puncture wounds. Read and fully understand the instruction manual.

Know your scooter:

Familiarize yourself with the scooter before you ride. Check the controls, and ride very cautiously until you become familiar with the way the scooter handles. Take turns slowly, and give yourself extra stopping distance.

Ride within your abilities:

To control your scooter, you will need to keep it upright, and make it go where you want it to go. This section cannot teach you how to control direction, speed, or balance. Only a lot of practice will do that. Here are a few things to help you.

Very important:

Never operate under the influence of drugs, or alcohol. Never attempt wheelies, jumps, or stunts. Keep away from any source of fire (especially while refueling). The engine, and muffler are extremely hot, never touch these parts unless the engine is completely cool. Minors should never operate without close adult supervision. Never operate scooter on surfaces which are slick, or unstable.

Turning:

New riders tend to have more trouble turning than experienced riders do. The only way to make good safe turns is to practice. Always approach turns very carefully.

Braking:

Front brakes provide most of your stopping power; however you will need to learn to adjust your center of gravity to maintain stability. Again practice this at safe speed until you are completely comfortable with this action.

Areas to ride:

Ride in a safe place that is free of cars in an area that will not disturb other people, or animals, and be sure the ground is clean, and dry. Never operate your scooter on a public street, road, or highway.

SCOOTER X WARRANTY:

30 Day parts & labor warranty policy:

This scooter includes a 30 day parts & labor warranty. The warranty is valid if a scooter has malfunctioned due to a manufacturers defect. This 30 day warranty covers all parts necessary to restore product back to working condition. Warranty is only valid for 30 days after date of delivery. Shipping fee's are not included under this warranty policy. If a scooter needs to be shipped back for labor services then the owner of the scooter must pay for round trip shipping fees. Owner must contact an authorized representative. This 30 day warranty does not cover lost nuts/bolts/screws, user negligence, error, or recklessness.