

SCOOTER

Dirt Dog



User Manual

SCOOTER

 ***Assembly***

Page 2

 ***Getting Started***

Page 4

 ***Maintenance***

Page 6

 ***Troubleshooting***

Page 11

 ***Safety***

Page 14

 ***Warranty***

Page 15

Assembly

The ScooterX Dirt Dog is very easy to assemble. Assembly should only take around 20 minutes. You need to install the front tire, gas tank, pegs and handle bars for assembly. Start by putting your foot pegs on. Simply screw them on by hand until firm then snug with a wrench. Next attach the gas tank to the 2 pre drilled holes on the right side of the scooter using the 2 bolts provided. Attach the clear fuel line to the bent valve on the carb and the black line to the straight valve. Follow diagram below then continue to page 3 to complete assembly.

Looking at wheel from
the front of the scooter



Larger spacer
goes on the left
and the smaller
spacer goes on the right

Slide the axle
through the forks,
spacers, and wheel
then attach axle nuts.

Assembly continued

Please look at the diagram below to install your bars. First install bars to the top clamp. Next install upright bar to the frame. Tighten all bolts and clamp firmly.



Before riding your scooter it is a good idea to check all nuts and bolts to make sure they are fastened securely. Also check your tire pressure. Should be inflated 35 PSI. Its almost time to ride!!! continue on to page 4.

Getting started

◀ Overlook your ScooterX

After you are done assembling your new scooter you should inspect all of the components to make sure they are functioning properly. Check the brakes, chain, wheels, nuts, bolts, etc. You want to make sure the brakes feel firm and all the nuts and bolts are properly secured. If brake adjustments are needed please see the troubleshooting section before you proceed.

◀ Mixing your fuel, and oil

The engine requires a 32:1 ratio mixture of fuel, and oil. It is VERY IMPORTANT you mix your fuel properly to avoid engine failure or damage. Mixing your fuel is very easy. To get your 32:1 ratio mixture simply use 1 gallon of super unleaded 91 octane fuel, with 4 ounces of 2 cycle engine oil

◀ Breaking in your new Scooter

All new motors need to be broken in. To break in your new motor, run it! We recommend not giving it full throttle for the 1st 10-15 minutes of use. After that you can let it rip!

Getting started Cont.

Starting your ScooterX

Step 1 - Put your mixed fuel into the tank

Step 2 - Pump the primer bulb until you see gas going through the clear fuel line. The primer bulb is on the bottom of the carburetor.

Step 3 - Put the choke lever in the up position. The choke lever is to the left of the carburetor.

Step 4 - Pull start the engine. A good starting technique is to pull the cord 3 times with no throttle. Then pull the cord 3 times while giving the scooter half throttle. Rotate back and forth. Scooter should start within 3-5 pulls.

Step 5 - Leave the choke on until the motor warms up. This should only take 30 seconds to 1 minute. Once motor is warm put the choke lever in the down position. You are almost ready to ride!

Before you ride

It is important that you read the entire manual before you ride.

Maintenance

Maintenance is vital if you want to enjoy your scooter for years to come.

➤ Before every ride

It is important you always give the entire scooter a once over before every ride to make sure all of the screws, nuts, and bolts are secure. If something is loose tighten it. Next check the brakes, throttle, and the wheels to make sure they operate smoothly. If any components appear to be worn out call the service center and order parts right away. Every part on your scooter is available, easy, and painless to replace.

➤ Air Filter

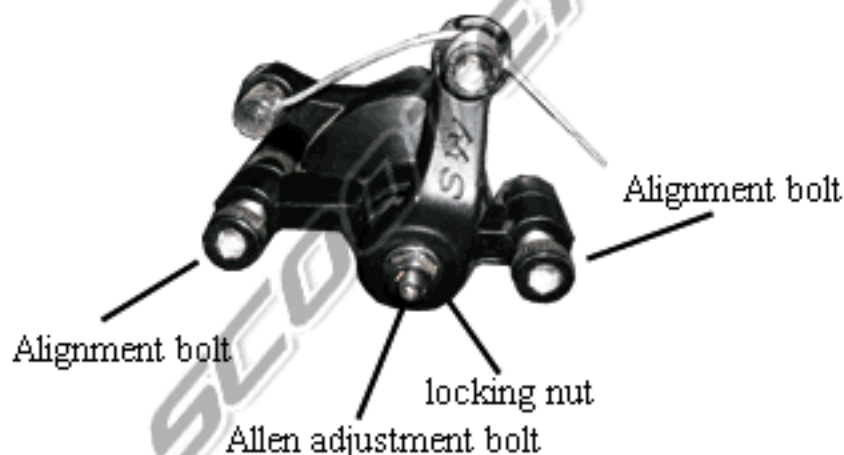
Check the air filter regularly. If it requires cleaning be sure to remove it first. To remove the filter you must loosen the flathead screw on the O-ring clamp located on the side of the filter. You can clean it using warm soapy water. We recommend you clean your air filter every 1-2 months if you use the scooter regularly.

◀ Brakes

Being able to stop is more important than being able to go. So always be sure to check your brakes, and adjust them when necessary.

To adjust the caliper/brakes locate the allen head bolt in the center of your caliper. You must loosen the locking nut that secures the allen head bolt. Next turn the allen head bolt to adjust pads. Clockwise tightens the brakes and Counter clockwise will loosen them.

You can also adjust the alignment of the caliper. This will center the caliper over your disc. You will want to make this adjustment if your tire has alot of drag to it. You should be able to turn these bolts by hand. Clockwise moves caliper towards disc and counterclockwise moves it away.



Maintenance cont.

Motor

Your new ScooterX comes equipped with a Powerfull 49cc 2 stroke motor. It is a well built motor that requires little maintenance. This engine doesnt require any oil other than the 2 stroke oil that you mix your gas with. All you should need to do is check it over occasionally to make sure all the nuts and bolts are secure.

Transmission / Clutch

The scooter is equipped with a centrifugal clutch type transmission. This makes it so you do not need to change gears. So driving your scooter is as simple as giving it gas to go, and squeezing the brakes to stop. The transmission is located on the side of the motor. It has a small sprocket that drives the chain attached to it.

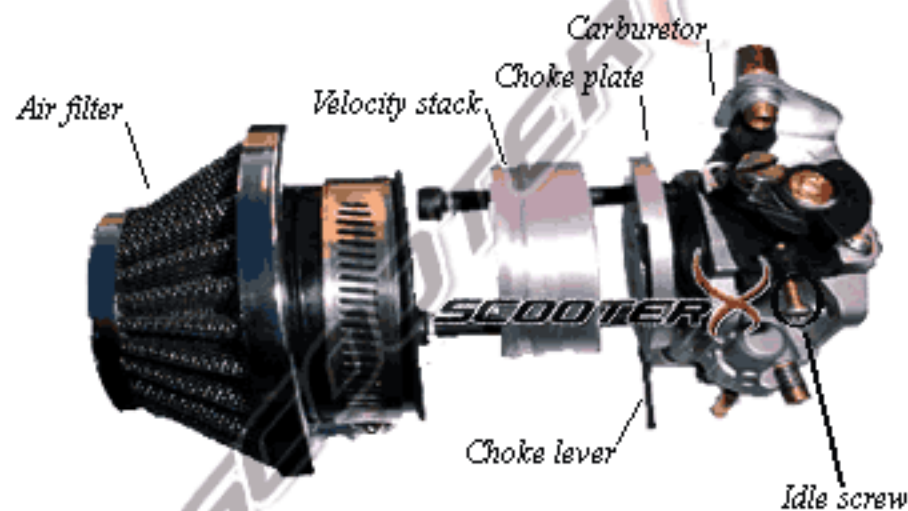
Carburetor

The carburetor is attached to the motor right behind the air filter. If you use your Scooter on a regular basis you should never have to do anything to your carburetor. If the scooter sits for a long period of time it may get gummed up and need cleaned. To clean carb remove it and spray it inside and out with carb cleaner. If this doesnt fix the problem you may need to replace the carburetor.

Maintenance cont.

Carburetor (continued)

Remove the 2 screws, (see diagram below). Now the carb/choke assembly can be detached from the motor. Make sure you closely observe what order the parts are in, and check the gasket between the carburetor, and the motor. If the gasket is worn, replace it. Worn, or missing gaskets will make the engine very hard to start if it starts at all. Now that you have removed the carburetor spray it down with some carb, and choke cleaner, and re-install every part in the reverse order as removed.



Air / fuel adjustment

This is pre tuned from the factory and is non adjustable so you will never have to worry about it.

◀ Spark plug

If your spark plug is no longer sparking you may want to double check your fuel mixture. If you have too much oil in your gas it will foul the plug very easily. You can order spark plugs from our service department, or you can cross reference it with a NGK BPM7A type plug. The gap should be .0025. It is not a bad idea to have an extra spark plug laying around.

◀ Checking for spark

If your motor is not starting, and it seems it is not even coming close to firing up, then you may not be getting spark to the spark plug. To check the spark simply remove the plug from the motor, and re-install the tip of the plug back into the wire sleeve. Next grab the spark plug holding onto the wire sleeve and touch the threaded part of the spark plug against the steel motor head, and pull the starter cord. You should see a small spark at the gap of the spark plug. If you do not see a spark replace the spark plug. Still no spark? check your kill switch wire to make sure it is not grounding itself against the frame (follow the wire from the kill switch all the way back to the motor.

Troubleshooting

Motor will not start, or is hard to start?

Check gas/oil mixture (see page 4)

Clean/check Carburetor (see page 9)

Check spark plug (see page 10)

Make sure fuel lines are not kinked

Check motor, and carburetor screws.

Replace carburetor, and/or gasket (see pages 8 and 9)

Turn choke on (see pages 5, and 9)

Motor dies when I give it gas?

Make sure choke is off/down (pages 5 and 9)

You may have way to much oil in your gas.

Excessive amounts of smoke means to much oil.

You should see some smoke but not tons. Carb may be out of adjustment (page 9)

Engine runs but scooter wont go?

Check chain

Make sure sprockets are secure

Did you turn the choke off? (pages 5, and 9)

Your scooter will not go if the choke is on

Troubleshooting cont.

Handlebars not straight with tire?

There is an allen head bolt located in the center of the tube that connects your front fork to your handlebars. Remove upright bar from the forks and frame to access allen head bolt. Loosen the bolt, straighten the bars, then tighten the bolt. This bolt must be extremely tight to hold. You should use something as leverage on your allen head to make it tight enough.

Chain falls off?

Make sure sprockets are tight and aligned
Rear wheel/axle must be tight to hold alignment

Motor not turning over when starter pulled?

Remove and check pull starter
Check starter catch for damage (behind pull starter)
Motor seized (lack of oil)

Motor will not turn off?

Turn choke on, and give it throttle. engine will stall
Check kill switch, and wire
Replace kill switch

Troubleshooting cont.

Motor idles too high, or too low?

Adjust idle screw (see page 9)

Bumpy ride?

Check for a flat tire

Check wheels for uneven wear caused from skidding

Check wheel bearings.

Want more out of your scooter?

There are many available upgrades for your ScooterX. Parts can be found online or at the retail store where you purchased your kart.

Safety

- Always wear full protective gear from head to toe
- Never ride on a street or highway. These scooters are intended for closed/private tracks only.
- Do not jump this product
- Never ride in wet or icy conditions
- Never start the engine in an inclosed area. Breathing exhaust fumes can be deadly.
- Keep your body away from moving parts at all times.
- Never fill gas tank while engine is running.
- Check all nuts and bolts before each ride.
- Be cautious and aware of other riders
- Know your limits