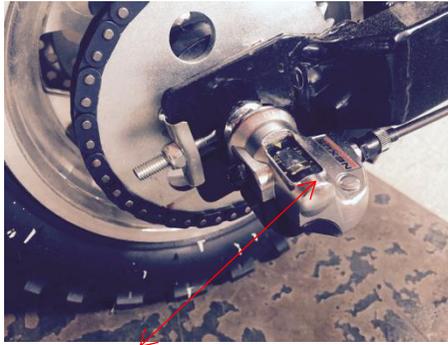


MotoTec 3 speed gas scooter





The right hand with 3 speed of change



The rear wheel derailleur



This screw to fixing fenders

Note: this screw same fixed front fork will not fall off, you need to keep 100% tightening

Getting Started

➤ Overlook your 3 speed scooter

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 3 speed scooter

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. Tf it requires cleaning be sure to remove it first.To remove the filter you must loosen the flathead screw on ehe 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

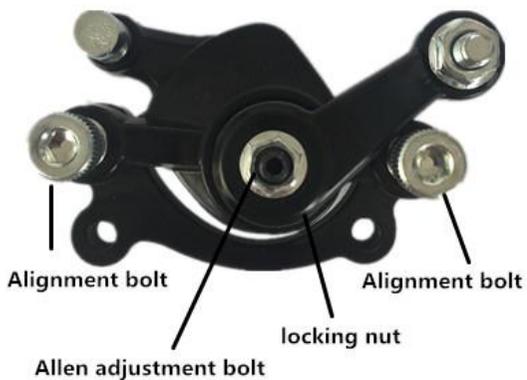
Being able to stop is more important than

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.



➤ **Motor**

You new 3 speed scooter equipped with a Powerfull 49cc 2 stroke EPA Engine. 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.

➤ Spark plug

If your spark plus is no longer sparking you may want to double check your fuel mixture.If you have to 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 rreplace 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.

➤ *Motor will not start,or is hard to start?*

Check gas/oil mixture

Check spark plug

Make sure fuel lines are not kinked

Check motor,and carburetor screws

Replace carburetor,and/or gasket

Turn choke on

➤ **Engine runs but scooter wont go?**

Check chain

Make sure sprockets are secure

Did you turn the choke off?

You scooter will not go if the choke is on

➤ **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

➤ *Bumpy ride?*

Check for a flat tire

Check wheels for uneven wear caused from skidding

Check wheel bearings

-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

***YOUR INSURANCE POLICIES MAY NOT PROVIDE
COVERAGE FOR ACCIDENTS INVOLVING THE OF
THIS SCOOTER. TO DETERMINE IF COVERAGE IS
PROVIDED, YOU SHOULD CONTACT YOUR
INSURANCE COMPANY OR AGENT.
DO NOT RETURN TO STORE***

For service, Create Online, Trouble Ticket

[Http://support.bigtoysusa.com](http://support.bigtoysusa.com)