GUANGDONG FUTENGDA TECHNOLOGY CO., LTD

JY
USER MANUAL

Safety

When begin to use this electric scooter please make sure you adhere to the following:

Please always wear a helmet when riding on it!

Please kindly check your mirrors and blind spots before you power on the scooter!

Please turn on headlights and other security lights in need of additional visibility!

Please kindly remind the additional passengers to wear a helmet to keep safe!

Please obey all laws and rules according to the local transport department!

Please make sure that your battery capacity is enough to reach the destination you want to go to!

Do not let water enter into the vehicle!

Do not try to operate the scooter while charging!

Do not lend this scooter to any teenagers under the age that the laws required!

Do not ride under the influence of drugs of alcohol!

Do not ride in bad or extreme weather!

Once the battery is fully charged, remove the charger in time!

About MiLG

MiLG is the trademark belongs to **Guangdong Futengda Technology Co., LTD**, one professional manufacturers on premium electric vehicles, located in Huizhou city, China.

Thank you so much for choosing MiLG vehicles, and we are hoping that you would have a long enjoyable time with this scooter in the coming 3 to 5 years. If you have any suggestions or feedback on any models of ours, you can contact your local sellers.

Guangdong Futengda Technology Co., LTD was founded in June 1st, 2006, started from two wheeler electric scooter. Now we have two modern and scientific assembling lines, strictly quality management team, 3000 square meters warehouse, 50~100 employees. Our products cover electric scooter, electric moped, kick-stand e-scooter, electric motorcycle, 3-wheel electric scooter, 4-wheel electric scooter, electric cargo tricycles. Our distributors and agents come from 55 countries around the world, annual export quantity reach 200000pcs.

Good Parts Make Premium Electric Vehicles!

Introduction

Electric scooters, Mopeds and Motorcycles are green mobility electric vehicles, contributing to reducing the emission to our air and saving energy when transporting one or two passengers to some short and middle range place. Improving the air quality can reduce the risk of getting respiratory disease. Electric motor are silence, lead to less noise pollution which we often take for granted ...

Electric vehicle have four main parts, controller, motor, battery and charger. It need daily inspection and routine maintenance(although require far less maintenance than internal combustion engines) . Proper use can effective extend its lifetime and per range on each full charge, especially on battery protection methods.

MiLG does not assume any liability for damages, loss of profits, or claims from third parties due to improper use of the electric vehicle. MiLG does not assume any liability for damages due to problems with the product resulting from service by a third party that is not certified by MiLG.

MiLG have taken all possible measures to ensure the accuracy and completeness

of the information in this guide. However, if you do find anything missing, incomplete or wrong, please do not hesitate to contact the local sellers.

Whenever, safe riding is first principal on using electric vehicles, please do take some responsibilities for yourself and public safety.

At last, hope you enjoy each riding!

Content

Part Diagrams

Diagram 1: **JY**

① Mirror
② Front Turnlight
③ Twist Throttle
④ Front Panel
⑤ Headlight
⑥ Front Hydraulic Fork
⑦ Front Fender
⑧ Front Tyre
⑨ Front Rim
⑩ Front Disc Brake
⑪ Front Protector
⑫ Side Stand
⑬ Main Stand
⑭ Motor
⑮ Rear Disc Brake
⑯ Rear Footrest
⑰ Rear Fender
⑱ Taillight
⑲ Rear Carrier
⑳ TailBox
㉑ Seat
㉒ Footboard
㉓ Charging Port
㉔ Front Storage(Slot)
㉕ Brake Lever
㉖ Display

Specification Tables

Model 1: **JY**

Nominal Power	1500W	Battery Capacity	72V 20AH
Peak Power	2800W	Reference Range	Max 71km
Max Torque	110Nm	Battery Removable	Yes
Max Speed	60km/h	Charging Time	6~8 h
Hill Climb	15 degree	Front Brake	Hydraulic Disc
Gear Level	1 / 2 / 3 / 4	Rear Brake	Hydraulic Disc
Controller	12 Tube 40A	CBS Brake System	Support
Speedometer	B&W Digital	Daytime Running Light	Support
Headlight	LED	Side Stand Cut-off	Support
Turnlight	F: LED / R: Bulb	Front Tyre	90/70-12
Tailight	LED	Rear Tyre	90/70-12
Front Fork Type	Hydraulic	Wheelbase	1330mm
Rear Shock	Hydraulic Suspension	Min. Ground Clearance	135mm
Rim	Aluminum Alloy	Seat to Ground	750mm
Max Load	231kgs	Whole Dimension	1890*760*1090(L*W*H)
Whole Weight	Approx. 78kgs		

Riding Instructions

This guide assumes that you already know how to ride a standard scooter. Before you try to ride an electric scooter, you should be very familiar with controlling and balancing a normal scooter.

Caution

If you do not have cycling experience, this electric scooter will be too dangerous to ride. Do not begin learning to ride a scooter using this electric scooter.

Items to Carry with the Electric Scooter

It's a good idea to carry the following items with you at all times when you ride your electric scooter.

- ✓ The Charger, to charge the electric scooter in case the battery power runs out.
- ✓ 30Amp Fuse, in case the fuses blow.
- ✓ A Lock, to secure your electric scooter when you park it.
- ✓ One or Two Helmets, as required by safety laws

Inspecting your Electric Scooter

Always inspect your electric scooter before you ride it, to make sure its safety features are operating properly. Many accidents can be avoided with routine inspections. Once you are comfortable with your electric scooter, you will be able to detect small changes in the way it feels.

If anything changes between uses, make sure to have it properly examined. Also, be sure to listen for changes in the sounds your electric scooter makes over time. Any mechanical or power issues may have effects on the sounds the scooter makes.

Holding the Handlebars

As with a normal scooter or gas scooter, place your fingers over the brake levers, using the palms of your hand and your thumbs to wrap around and under the handlegrips. Doing this allows you to activate the brakes easily, by squeezing your hand, in case you have to stop quickly. This is the safe way to control your electric scooter.

Turning your Electric Scooter On and Off

To turn on your electric scooter, insert the key into the “ignition”, located just below the dash board, and turn the key to the right. When your electric scooter is activated, the power indicator will light and the battery charge indicator will jump, showing you how much power your electric scooter has. To turn off the electric scooter, simply turn the key to the left, and remove the key.

Warning

When you activate the electric scooter, the electrical system becomes live. Do not try to affect changes to the electric scooter (such as removing the battery or repairing electrical components) while the electric scooter is activated. Turn the electric scooter off and remove the key before you attempt to access any of the electrical components. Also, the battery carries a significant electric charge and can injure people if not treated properly and with respect.

Accelerating and Decelerating

The throttle is found on the right-side hand grip on the handlebars. Turn the grip

forward (away from you) to accelerate. To decelerate, release the grip (turn it towards you). Don't over-rotate the accelerator, as this could damage the throttle and electrical components.

Warning

Do not activate the accelerator until you are seated on the scooter and are ready to accelerate. The electric scooter can easily escape from your control, possibly injuring you or others, and the electric scooter may be damaged by being dropped.

Stopping

Your Electric Scooter has two sets of brakes, at the front and at the rear. The levers attached to the handlebars, on the left and right, activate the brakes. Pull the levers toward you to activate the brakes.

You can use both brakes to come to a stop more quickly, or you can use one of the brakes to come to a gentle stop, depending on your riding needs at the moment.

When the brakes are activated, the power to the engine is automatically turned off, until you release the brakes. This allows you to stop safely.

Safety Tips

- When you are traveling in wet weather, water may cause your brakes to function
- less efficiently because it reduces friction between the brake pads and the wheels.
- Take care to slow down and give yourself more room to stop or slow if necessary.
- • It is a good idea to have your brakes and brake pads checked regularly. The brake pads will eventually wear down through friction, and after significant use will have to be replaced.

Signalling

The Horn

The Electric Scooter has a horn. The horn button is on the left handlebar. Simply press it to activate the horn.

Turning Signal Lights

Your Electric Scooter has turn signal lights. The turn signal activator is on the left handlebar. Push it left or right to activate it to indicate that you are turning in the appropriate direction, and press the middle of the button to turn it off. The turn signals also emit a noise, to ensure that everyone knows you are turning. This turn signal cannot be disabled without also disabling the visual signal.

Lights

The headlight and taillight are useful features when you are riding at night or in dark areas. They radically improve your safety in mixed traffic. The switch is located on the left handlebar. The lights on your electric scooter consume some electricity. Keeping them on may reduce the maximum distance you can travel on one charge by about 5 %.

Riding in Wet Weather

Your Electric Scooter is designed to function in wet conditions, such as when it is raining. However, because the motor is on the rear wheel, it is easy to slip when

moving at high speeds. If it is very wet, be sure to avoid high speeds.

When you are traveling in wet weather, water may cause your brakes to function less efficiently because it reduces friction between the brake pads and the wheels. Take care to slow down and give yourself more room to stop or slow if necessary.

The Motor and Water

Your Electric Scooter is not designed to be immersed in water. Always ensure that the water level does not go above the middle of the tire, to prevent water from getting inside the motor.

Water in the motor can cause short-circuits and may damage the electrical systems in your electric scooter.

Riding in Cold Weather

Your Electric Scooter is designed to operate year-round. However, in very cold conditions or when there is a lot of snow or slush on the ground, it is possible for the motor in the electric scooter to get wet or for the brakes to function less efficiently, just as can happen in wet weather. Below 10 degrees Celsius, the

battery will not work as well as it would in warmer temperatures. While Lithium-Ion batteries perform better than Lead-Acid batteries in temperature ex

tremes, both will experience reduced performance in cold temperatures.

Also, riding the Electric Scooter in cold temperatures may require you to replace the battery sooner rather than later.

Maximum Load

Do not exceed the maximum load capabilities of your Electric Scooter. You can find the exact loading capacity listed in the technical specifications in this guide.

If you exceed the maximum load, the performance of the bike will suffer.

Exceeding the maximum load of your Electric Scooter could cause damage to the shocks, to the mechanism and, ultimately, even to the frame. It could also cause your motor to work too aggressively, and it may burn out.

Disconnecting the Circuit Breaker

When the circuit breaker is disconnected, all power from the battery to the

electric scooter is blocked. This is useful if you are going to store your Electric Scooter or if it is damaged and you wish to bring it to be serviced.

Disable the circuit breaker using the following very simple procedure.

1. Open the seat compartment.
2. Find the circuit breaker switch (it should be very obvious).
3. Activate the switch. The power to the Electric Scooter will be disabled.

Long-Term Storage of your Electric Scooter

If you are storing your bike for a long period, disconnect the circuit breaker. This is a safer way to store the electric bicycle, as it prevents accidental activation of the electric scooter and makes it impossible to activate it even with the key. The circuit breaker is found by opening up the battery case. It sits between the battery and the controller.

Please see the section titled "Your Battery" for instructions on battery maintenance while your electric scooter is being stored.

The Battery

This section details what you need to know about the battery that powers your electric scooter. Always remember to treat your electric scooter's electrical systems with respect.

Distance and Power

Your battery has the capacity to carry you anywhere from 40 to 70 km before it must be recharged. The ability of your battery to power your scooter depends on many variables. These variables include the weight of the rider, the prevailing wind resistance, the rider's driving habits, the presence of steep hills and inclines, and other issues such as proper air pressure in the tires.

Saving Power

If you are traveling long distances, you can save a lot of electricity by using better driving habits:

- **Coasting**: When going downhill or over long, flat road surfaces, try

using your e-bike's momentum and allow it to coast, without drawing power from the motor.

- **Stopping and Starting**: Try to avoid stop and go movements. The motor draws more power when starting from a full stop.
- **Weight**: Remove unnecessary weight from the bike. This reduces the amount of power the motor must draw.
- **Air Pressure**: Make sure your tires have the proper air pressure. Proper pressure reduces drag on the tires and radically increases the efficiency of any vehicle.
- **Head and Taillights**: Turn off the lights to conserve power, if it is safe to do so. The lights will reduce the distance you can travel by about 5%.

Charging your Electric Scooter

Charging your Electric Scooter is a simple process. You require the following:

• The charger that came with your Electric Scooter.

• A 110V household electrical outlet.

Charger Warning

Only use the chargers that were supplied with your Electric Scooter. Using chargers that do not have specifications identical to those which came with the Electric Scooter could irreparably damage your Electric Scooter's battery and electrical systems, and may cause injury.

To charge your Electric Scooter, follow these steps:

1. Turn off the Electric Scooter and remove the key from the "ignition."
2. Plug the female end of the charger cable into the charging slot on the Electric Scooter. This is found on the outside casing of the Electric Scooter, in front of and just underneath the seat.
3. Plug the male end of the charger power cable into your wall socket. This should be a 220v household electricity supply. You can also use a portable generator, if necessary, but make sure it provides 220V current.
4. Allow the Electric Scooter's battery to charge for the appropriate amount of time (6-8 hours).

5. Disconnect the charger when the LED light on the charger is green. The batteries have been fully charged.

If your charger's LED status light does not change from red to green over an extended period of time, for perhaps more than 14 hours, and the battery is very hot, the battery or charger may need replacing. Stop charging and bring both to your MiLG dealer immediately. Do not charge the battery.

To charge the JY, there is a black cap under the front of the seat Lift that cap down and it will reveal the charging port

Battery Care

Follow these suggestions to maintain your battery's optimal performance. If you do not follow these suggestions, your battery may lose its ability to maintain a charge and might have to be replaced sooner than would otherwise be necessary.

- Charge it: Charge your battery immediately after riding it.
- Full Charge: Do not allow the battery to run down completely and lie in

storage

- without a charge. This significantly reduces the battery's lifespan and may cause damage.
- Keep it Charged: When being stored, charge the battery occasionally to make sure its power supply does not run down. Charging it once every 21 days should be sufficient.
- Storage Conditions: Store the battery on a flat, cool, dry surface. Do not allow the battery temperature to drop below 10 degrees Celsius for extended periods of time.

Cold Weather and your Battery

Below 10 degrees Celsius, the battery will not work as well as it would in warmer temperatures. While Lithium-Ion batteries perform better than Lead-Acid batteries in temperature extremes, both will experience reduced performance in cold temperatures.

Also, repeatedly riding the Electric Scooter in cold temperatures may cause your battery to have to be replaced sooner.

Replacement and Disposal

After approximately 600 charges, a lead-acid battery will need to be replaced. A lithium-ion battery will last approximately 1200 charges. When the battery has to be replaced, you will notice that your battery cannot carry as much of a charge as it could initially.

Contact your local MiLG dealer to purchase a new battery.

When replacing your battery, dispose of it at a proper municipal battery recycling facility. If none is available, please contact your local MiLG dealer

Operation

Left Handlebar

1) High Beam / Low Beam - Press this button to angle your headlights up or down.

2) Turn Signals - Push this to the left or right as you are turning respective to the direction.
Once you are done turning put this back in the middle position to turn off the signal.

3) Horn - Press this to honk the horn.

Right Handlebar

1) Gear Lights - Display the current speed gear.

2) Gear Button - Press one time slightly to change the gear in turn from 1 to 4. When light 4 is on, press one time to change to gear 1.

3) Lights - There are 3 positions for the lights. The right position leaves all lights off. the middle position will activate position light, the left position will activate all lights.

4) R/D Gear Switch - Change the motor directions on forward or backward.

5) Twist Throttle - Turn the throttle on the right handlebar to engage the motor. Release it to slow down.

Keys

The JY comes with two sets of keys and two remotes. There are four buttons on the remote:

1) Set Alarm - This button will set the alarm. After pressing it wait for 5 seconds. Afterwards if someone moves the bike the alarm will sound.

2) Remove alarm - This will disengage the alarm. Use this before riding your bike. **Also disengeages remote start*

3) Panic Button - This will automatically set the alarm off

2) Remote Start - Press this twice to start the bike without using the keys. Press the remove alarm button (2) to disengage the remote start

5) Ignition key - Use this to unlock the ignition (see below)

Main Lock

The main lock is consist of power lock and faucet lock.

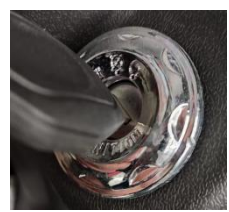
1) **Power ON** - Put your key into the key slot, and turn it to the right position to turn on the JY scooter.

2) **Power OFF** - Turn it from the right position to the middle to turn off the JY scooter. If its origin position is the left position, please press the key down 3mm and turn right to the middle, release the front wheel.

Please remember to pull out the key when Power OFF

3) **Faucet Lock** - Turn the handlebar and keep the front wheel towards to the furthest left, then press the key down 3mm and turn left to lock the front wheel.

Please remember to pull out the key when Faucet Lock



USB Charging

This port is only used for charging your mobile phone or other low voltage smart devices.

Please do not connect with any chargers or use other high voltage device to connect! This will damage this USB port!

Brakes

On each side of the handlebars there is a brake lever. Squeezing this towards you engages the brake and cuts off the motor.

The left brake handle engages the rear brakes and the right brake handle engages the front brakes

***JY Scooter support Combines Brake System(CBS), When engaging the brakes, whether you use the left brake lever or right brake lever, front hydraulic disc and rear hydraulic disc will activate simultaneously. ***

Open/Close the Seat

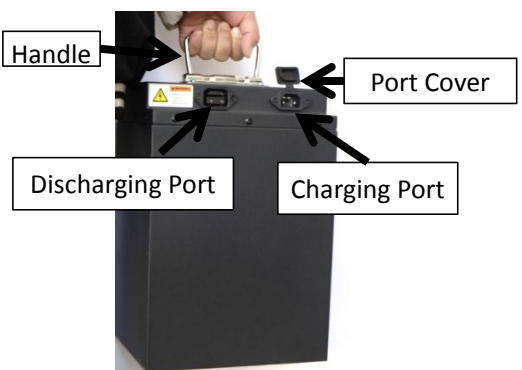
Insert the key into the seat lock under the seat, then rotate the key of 90 degrees clockwise and it make one crisp sound. Then leave your hand from the key, the key will go back to origin position. And you can pull out the key out of the seat lock.

Use your hand to press down the rear side of the seat until you hear one crisp sound. Then try to pull up the seat slightly to verify whether the seat is lock well.

Take Out/In the Battery

Unplug the discharging joint on the battery and then use the handle of the battery box to lift upright.

Adjust the buckle like the right photo show and keep the narrow edge upward, then press down into the discharging port of the battery box.



Accessing your circuit breaker

To prevent surges, we have installed a circuit breaker. If you are unable to get power to your bike more than likely your circuit breaker has been triggered and needs to be switched to the on position.

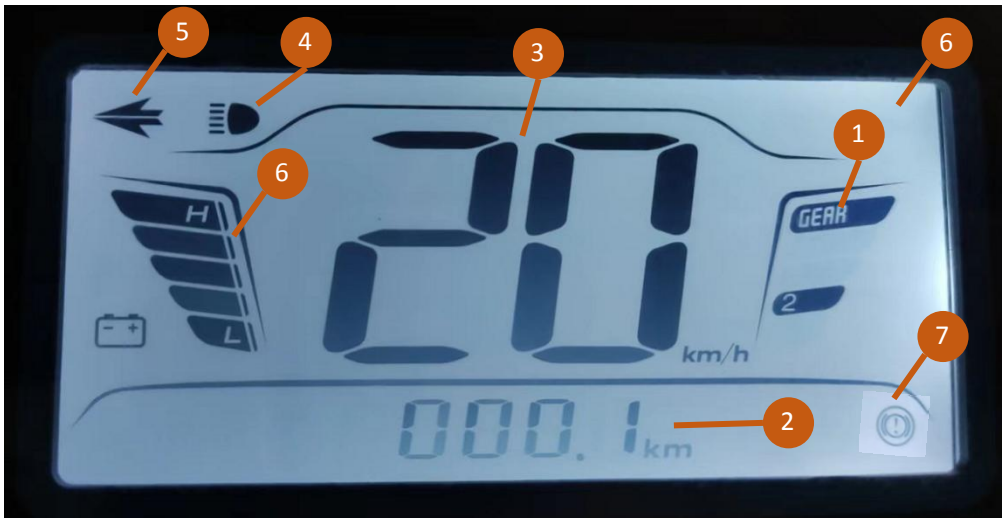
To do this:

Unlock the seat compartment by turning the key into position 3 (seen on previous page) then lift the seat up.

Once you look inside you will see this circuit breaker pictured to the right. Make sure the switch is set to ON. If not flip the switch to ON to turn on the power.

**Please note with the circuit breaker off the alarm system doesn't work **

Display



1) Speed Gear - Display which numeral means the speed gear level that the scooter is running with.

2) Voltage / Total Trip - Display the current battery voltage for 2 seconds after your power on this scooter, then display the accumulated travel distance on this JY scooter.

3) Current Speed - This will show you how fast your are going.

4) High Beam - When your headlight is on, this icon is lighting for switching to high beam status, on the contrary, it is in low beam status.

5) Left Turn Signal - This light will flash when you activate the left turn lights.

6) Right Turn Signal - This light will flash when you activate the right turn lights.

7) Brake Signal - This light will on when you activate the brake system.

Technical Data

This section provides you with the technical specifications for your electric scooter.

The Motor and Wheel Assembly

The JY has a magnetic DC brushless motor on the rear wheel hub. This type of motor has excellent medium-end torque and high efficiency when working within its range. Note that while the motor is very quiet, it does produce some noise. Also attached to the rear hub are speed reduction gear and the speed free clutch.

The Freewheel

The wheels have freewheels, so the electric scooter's drive train is not fixedly geared. This means that when coasting or traveling downhill, you can turn off the engine and your electric scooter will continue to move without slowing. This feature will allow you to achieve faster speeds when coasting, moving downhill or

moving with the wind. It will also allow you to conserve electrical power, because you will be able to let to the motor rest while moving.

The Controller

MiLG pioneered the development of intelligent component control in electric scooters. The MiLG Drive technology developed by MiLG is the brain of your electric scooter. It allows your electric scooter to achieve faster acceleration, to climb steeper hills, and to save energy.

The electronic controller is located under the seat assembly. This controller efficiently regulates the speed and electronic functions of the scooter. It allows for stepless speed adjustment, shuts off the motor when the brakes are activated, has low voltage protection and has fuses to prevent excess current from damaging the electric scooter's systems.

The Brakes

Front Brakes & Rear Brake

Both front brake system and rear brake system on your JY scooter are hydraulic disc brake, which provide for a very powerful stopping and control, with less brake distance than other type of brake system.

JY Scooter use the latest combined-brake system(CBS function), whether you depress the front brake or rear brake, the braking force is also distributed to the other brake, which reduced braking distance and increases the stability of braking.

Maintenance and Troubleshooting

This section outlines problems you may have and solutions you may be able to use.

Many of the parts in this product are not user-serviceable and should be repaired by trained professionals. This is especially true of the electrical systems and the mechanical components. Alteration of these components voids the warranty.

Tire Pressure

Maintain the air pressure in your tires at the appropriate level. If the air pressure is too low, your electric scooter's performance will suffer and it will become damaged more easily.

Cold weather and lower temperatures will cause the air pressure in your tires to drop, and warmer weather will cause it to increase, even if there are no leaks in the tire tube. To replace the air in your tires, follow this procedure:

1. Identify the required pressure by examining the text along the side of the tire rim. This text should indicate the recommended pressure for your tire.
2. Locate the air valve on the inner surface of the tire rim.
3. Remove the valve cap and place in a secure location.
4. Place the nozzle end of an air pump (hand-power or mechanical) over the valve.
5. Pump up the air in the tire, being careful not to let the pressure go above the level prescribed on the side of the tire wall.
6. Remove the pump nozzle from the air valve without allowing much air to escape from the tire.
7. Replace the valve cap on the air valve.

Maintaining the proper air pressure will allow you to travel much further on a single charge, because the motor will not have to work as hard to move the electric scooter.

Replacing Flat Tires

Replacing flat tire tubes is a more complicated and labour-intensive process with electric scooters than it is with regular scooters. It requires proper tools, more skill and more patience.The front wheel is easier to service when changing a flat tire than the rear wheel, as the rear wheel is connected to the hub motor and other mechanical parts.

Unless you are very familiar with the mechanical components of the rear motor, attempting to change a flat rear tire may cause serious problems. Please contact your MiLG dealer for specific instructions on how to remove your wheel and tires safely, and how to replace the tubes.

It may be easier – and safer - to have the tubes replaced by your MiLG dealer.

The Motor

Do not service the motor yourself. Bring the electric scooter to your MiLG dealer for service. The motor in your electric scooter is a highly complex and fine-tuned mechanism. Repairing it requires significant expertise.

We suggest maintenance every 100 running hours or so.

The Chain

Ensure that the chain on your electric scooter is well-oiled and lubricated. It is an important part of your electric scooter. As with any scooter, it needs to be maintained if it is to function.

Shock Absorbers and Comfort

If your riding experience feels bumpier than usual, and you suspect that your shock absorbers are experiencing difficulties, check the air pressure in your tires. If the air pressure is too low, this may be the reason you feel less comfortable. It may have nothing to do with your shock absorbers.

If the problem persists, take your electric scooter to your MiLG dealer for servicing.

Bringing in your electric scooter for Service

Do not attempt to service the electronic or mechanical parts of your electric scooter unless you are absolutely sure of what you are doing and have a solid understanding of electrical and mechanical equipment.

If your electric scooter is not performing properly, disconnect the circuit breaker and bring the electric scooter to your local MiLG dealer.

Do not store the electric scooter without disconnecting the circuit breaker.

Liability

MiLG will not be held responsible for damage or injuries resulting from errors resulting from improperly serviced parts.

Electric Scooter Maintenance

Cleaning

Cleaning is extremely important this will ensure your electric scooter will serve you for a long time. In the long run, it will save you money and a lot of time waiting for the bike to be repaired. You should clean your electric scooter weekly.

Do not use aggressive power jets or water sprays when washing the electric scooter and keep water off the battery as much as you can. Clean gently but

thoroughly and make sure that all the outer casing of the electric parts are dry and clean.

Remove any dirt, debris, sand, mud, grit, grime that got caught on the bike and dry it off. While cleaning, it is a good opportunity to look closely for a worn, loose, cracked, rust, teared or damaged parts. Buckled paint can also be a hint for some parts that need closer inspection.

Lubricating

It is also recommended to lubricate the chain, levers, derailleur, cables, etc. A clean, lubricated electric scooter tends to be faster, smoother and quieter. It's like having a little extra push for free.

Apply the lubricant to the different parts and let it sit a few minutes and then wipe off the excess lubricant with a rag. After a while, clean the different parts with a degreaser to remove any excess dirt that has been collected.

Weather

Don’t leave the bike out in the rain or snow.

Store it somewhere dry and out of direct sunlight. Overheating the batteries, for example, can cause problems.

Do not open up casings, chargers, etc as you are unlikely to be able to reseal them effectively afterward, making them more susceptible to water damage and other extreme weather conditions.

Batteries should be removed from the electric scooter if not used and charged once a month regardless of usage.

Schedule

The frequency of maintenance depends on how much you ride and under which conditions. Recreational riders needs far less maintenance then off-road riders. The harder you ride, the more you have to take care of your bike if you want it to last. There are various time intervals for proper maintenance. Quick maintenance should be done before & after every ride.

Time after Purchase	Action Suggested
Everytime before you ride (The 60 Second Check)	Check tire pressure, check brakes that they work, check lights, check bolts (make sure everything is tight), check battery gauge. Do not ride the unit unless everything is functional and proper
30 Days (every month)	Completely clean the bike, including the dust on the motor and under the seat. Check for any abnormal wear and tear or alignment problems.
90 Days (every 3 months)	Inspect frame and fork for paint crack or bulgest that may indicate frame or part damage; pay particular attention to all frame joints. Check wear and tear on tires. Check range of battery.

180 Days	Inspect all components on the bike. Check that connections are nice and tight. Look inside where your controller is and clean in detail. Check that all plugs are clean. Go over every bolt and nut in your unit.
360 Day (every 12 months)	Bring the bike for a complete tune-up. Varying on the unit the shop should complete a battery discharge, tires should be changed depending on wear and tear. All connections should be checked for rust and loosness. All components should be checked including charged, ignition, and gauges.

Thank you for choosing MiLG electric vehicles