

SM SPORT



OWNER'S MANUAL

Owner's manual

Introduction

Thank you for choosing our vehicle.

Before driving, please read this manual to know your vehicle well. It will help you to obtain the maximum pleasure from your vehicle and decrease drive failures. You should always keep them in the vehicle and pass them on to the new owner if you sell the vehicle.

Our electric scooters represent an energy-efficient and and eco-friendly alternative for people who need to get around the city.

Please be sure to take time reading this manual thoroughly before operating your new scooter. As the operator, you are solely responsible for the manner in which you operate and maintain your scooter. Scooters And More is not responsible for any damage or personal injury incurred through improper or unsafe usage of the SM Sport mobility Scooter.

Safety

When operating the SM SPORT please make sure you adhere the following:

Always check your mirrors and blind spots when operating the vehicle.

Obey all laws of the road.

Turn on headlights when in need of additional visibility.

Periodically charge the unit when not in use for long periods of time

Make sure that your battery power is sufficient before you go out to ride

If you bring your charger avoid shaking / rattling charger while riding

Do not over charge the battery by leaving the charger in the charging port.

Once the battery is fully charged remove the charger immediately.

Do not let anyone under the age of 16 years old operate this vehicle.

Do not try to operate the unit while charging.

Do not operate under the influence of any use of drugs or alcohol

Do not operate in harsh weather conditions.

Do not make sharp / abrupt turns at high speeds to avoid tipping.

Do not operate this unit with additional passengers.

Do not completely submerge the unit in water

Important note

■ **This signal note the best way to use your vehicle.**

⚠ This signal with warning information, please read it carefully to avoid damaging vehicle and for your and your family safety.

🚫 This signal is safety warning, means "can not", "can not do that..." or "can not make".

Technical Specifications



SPECIFICATIONS

Length	85"
Width	42"
Height	63"
Maximum forward speed	35 km/h
Weight capacity	550 lbs
Range per charge	Up to 75 km
Motor	1200W – 60V DC
Wheel size	120/70-10
Battery	12V-45ah
Battery charger	60V
Braking system	Disc brake
Suspension	Front and rear
Gross weight	507 lbs
Climbing incline	12 degrees
Charging time	8 – 10 hours



- : Normal temperature
- O : Stop
- : Warm wind



High beam & low beam switch

Turn signal light and hazard light

Horn



Headlight switch

Front reverse switch

Wiper switch

Horn

Three-speed shift switch

Parking switch

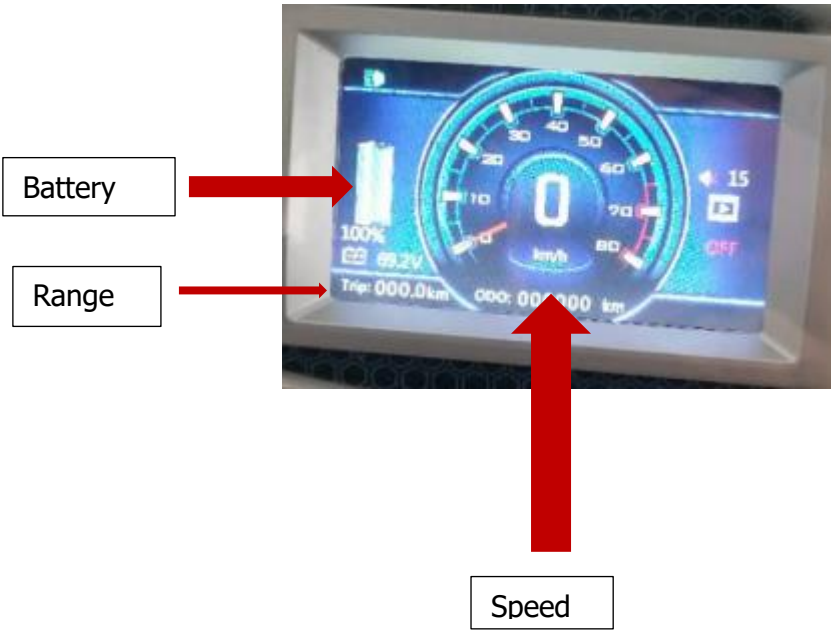




MP3/MP4&Radio . Bluetooth password : 0000



VIN Number



General Instructions Before Riding

NOTE

Like any sport, bicycling involves the risks of injury and damage. By choosing to ride this vehicle, you assume the responsibility for those risks. The manufacturer, distributor, and seller will assume no liability for misuse or operator negligence. Thus, you need to know and practice the rules of safe and responsible riding.

The Basics

- Always conduct a safety check before you ride this vehicle
- Always wear shoes that will stay on your feet and will grip the pedals. Never ride barefoot or wearing sandals.
- BK ZNUXU[MNR_ LGSOROGX]OZN ZNK IUTZXURY UL ZNOY vKNOI[RK.
- DUT'Z j[SV]OZN _U[X vKNOI[RK.IZ V[ZY OTIXK]OHRK YZXKYY UT everything from your spokes to your pedals. Most vulnerable to jumping-related damages is your front fork. Riders who insist on jumping their vehicle risk serious damage as well as to themselves.

Clean and Maintenance

1. Inspection

(1) Brake liquid

Timely check the brake fluid level between the highest mark(MAX) and the lowest mark(MIN). If you need to replenish liquid, only can use DOT4 synthetic brake fluid.

Note: The brake fluid will absorb moisture. Therefore, if the vehicle is used in the humidity higher area most of the time, brake fluid replacement frequency should be faster than usual, please go to service center to inspect and replenish brake fluid.

Brake fluid is harmful to the human body and is corrosive, if accidental contact, please wash related body parts with cleaning water and neutral soap immediately, and repeatedly wash. If put in mouth by accident, seek medical advice immediately!

Charging your SM SPORT

In the rear storage area behind the driving seat you will find a charging port where you plug in your SM SPORT to charge. Plug the charger.

Once it is finished charging unplug the charger and you are ready to go.



On your charger you will find an LED light.

If it is fully charged or not plugged into the machine it will glow green.

If it is charging this light will turn red.

****DO NOT leave the charger plugged in for extensive periods of time.****

****Once the charger is finished charging unplug it as soon as possible****

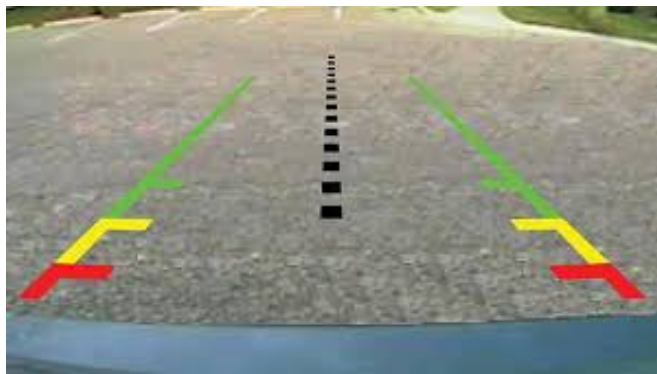
Features

The SM SPORT comes with a built in rear view camera.

This camera only activates when the unit is put into reverse.

There are green yellow and red lines to help gauge how close you are to whatever is behind you. When the object is in the red area be very careful as you may bump or scratch your machine.

****ALWAYS check your surroundings while using your back up camera****



Important Note

1. Brake system

(1) All of brake system parts are safety parts, so please maintain your vehicle in after-sale service center.

(2) Brake system use hydraulic brake, the braking effect is more clear, effective. Please stop your vehicle if brake system has the faults, and contact nearby service center immediately.

(3) When driving in the rain, through large puddles, or after washing, the brake discs can form a layer of water film, it will influence the normal braking effect, if this happens, please driving slowly and check brake performance, till ensure no problems then driving normally.

■ Specially note: please replace the brake tube in repairing it to ensure the seal.

2. Economy speed

Please drive the vehicle in constant speed to maximum the range. Driver can adjust the speed base on vehicle condition and loading.

3. Preparation before driving

(1) Ensure safety, please inspect seat, brake, environment etc.

(2) Please make sure that has locked side doors, inspect rearview mirrors.

(3) Inspect all of indicators on meter are ok.

(4) Check the tire tread and the degree of wear. Pay attention to whether the stone, nails, glass or other sharp objects on tread, whether a drum kit, scratch, abrasion and other deficiencies. Once found, please replace the tire immediately, and inspect the causes of abnormal wear. Check the tire nuts and tighten degree, tire pressure is appropriate or not.

(5) Please check side turning lamp, turning signal and other indicators on meter are ok or not.

(6) Step on the brake pedal many times, should can feel a little resistance. If feel the brake pedal too light or travel too large, please go to after-sale service center to inspect brake system or adjust the brake pedal.

(7) Please check the battery and cable, battery capacity will be low in cold weather.

4. Running-in period suggestion

- (1) In first 300 miles running-in period, please drive in slow speed to extend vehicle life with good economy and power.**
- (2) Don't start vehicle in fast speed, don't speed-up rapidly, brake hard and keep high speed long time.**
- (3) Don't drive vehicle over 18 mph speed in running-in period, and also over limit speed rules.**
- (4) Please don't overload.**
- (5) Please don't tow vehicle.**

5. Driving tips

If you pay attention to following aspects especially, will protect you and the other passengers.

- (1) Drive carefully, pay attention to the traffic, road and weather conditions, keep sufficient distance with front vehicle.**
- (2) When changing lanes, please observe rear view mirror and light turning lamp in advance.**
- (3) Please observe other vehicle's action and signal lamp, cyclist and walker.**
- (4) In vehicle emergency stop, please press emergency lamp.**
- (5) Driving on the water surface in rainy day, please travel slowly, the wading depth cannot exceed the frame bottom, avoiding the fault caused by the motor inlet.**
- (6) Accelerating vehicle slowly and steadily. Avoid unnecessary acceleration and braking. As far as possible to keep constant speed.**
- (7) Must obey the traffic rules and do one good driver.**

6. Please read the following instruction carefully .

- (1) After the battery indicator begin to warn, please charge the battery in time;**
- (2) If control circuit system has the faults in driving, please press the emergency switch, and tow the vehicle to service center then inspect and repair the vehicle.**
- (3) Please drive the vehicle constantly by economy speed, ensure the maximum range, battery and motor service life.**
- (4) The vehicle in the cold case, battery activity will decline, the range will be shorter than in summer, this is a normal phenomenon.**
- (5) Battery can not be left to stand too long time, need to recharge one month, if the battery is stored without charging after using, Otherwise it will greatly influence**

Flat tire

(1) If for some reasons, you need to park the vehicle on the road, please move to the right-hand side of the road as far as possible, avoid parking in the driveway.

(2) Tighten parking brake, put the triangle warning to a proper position rear of the vehicle (no matter day or night)

(3) Tire blow-out

The tire was punctured and need to replace, firstly must comply with the safety precautions: turn on the emergency lamp. Park the vehicle in the non traffic routes and on the flat ground, make sure not to hurt you and damage vehicles. Tighten the parking brake, shift reverse gear, turn off the power, don't replace the tire on a slope or a bumpy road, because its very dangerous.

Blocking the wheel

When the tire is flat, please find some blocks to jam the rear wheels and prevent accidents.

2. Tools

Special wrench

3. Towing vehicle

(1) Traction premise

Please comply with the relevant local traction regulations when towing your vehicle.

We recommend that please let the repairman tow your vehicle, incorrect traction will lead to accidents.

(2) Towing attention

To use the right equipment, avoid damage to vehicle traction.

The transmission mechanism of vehicle and steering mechanism must be able to work normally.

Please use reliable traction chain. Must release the parking brake in towing.

(3) Traction load

a. Tractor weight must be not less than towed vehicle, traction force must be less than the tractor weight.

b. Can not add one vehicle more then tow the vehicle. Traction force will include traction force from that additional vehicle, so total traction force will exceed traction vehicle weight, holes or mud will produce additional traction resistance, so will add traction load.

c. When the traction hook towing vehicle, to keep the traction angle less that 15 degrees. The traction angle is too large, may result in damage to the vehicle, and even make the vehicle with 180° turning, pull the vehicle from the sand, snow or mud, must make cable from the front straight out, not forming an angle with the hook.

(4) Traction speed

Slow traction vehicle forward, avoid the impact force. High impact is very dangerous, may cause the traction rope fracture, damage to vehicles. If you want to pull the vehicle from a pit or mud, please ensure keep the distance with traction rope or pole. Once the traction rope fracture, will have very big risk.

Anti - corrosive measures

(1) The most common causes corroding sightseeing car

a. Wet dirt, dust or debris in the body plate, hole and other parts of the body.


b. The sand blow or coating resulting from minor accidents or other protective layer damage.

(2) Environmental factors affecting corrosion rate

a. Moist

Accumulated sand, dirt and moisture in the lower body will accelerate corrosion. The place accumulated snow and ice under the floor of the vehicle is not easy to dry.

b. Relative humidity

 **Note: Corrosion would be accelerated in the following cases: high relative humidity area, temperature above freezing point area, air pollution area, using road salt area.**

c. Air pollution


Industrial pollution, the salt in the seaside air and using too much road salt, will accelerate corrosion process.

(3) Protection against corrosion of sightseeing car


Always scrub and wax the sightseeing car to keep it clean, often check the paint if there are small damage and repair it as soon as possible, keeping the hole of door bottom and rear shield is unobstructed to avoid water, check the lower body, if there is sand, dirt and other salts, using water scrub clean as soon as possible, do not wash the dust sand or other sundries inside passenger compartment, should use the vacuum cleaner or brush.

Do not let water or other liquids contact electronic components inside the car.

Self-maintenance

 **Note: Some of the daily and regular maintenance is necessary for keeping good mechanical properties of vehicle.**

The user should arrange special maintenance and general maintenance. As the owner you are the only way to ensure your sightseeing vehicle maintenance.

 **General maintenance including some items checked in daily driving, if you want to keep your vehicle in continuous normal operation, this is the most basic**

requirements. In the daily use of the vehicle, should be regularly carried out general maintenance, if you are aware of any abnormal sound, vibration or smell, must check the reason or let service center inspect your vehicle quickly. In addition, if you think that your vehicle needs repairing, please contact with service center in time.

Here is a list of maintenance projects should always be carried out, unless there are special provisions:

(1) Tire

Check the tire pressure with tire gauge regularly in service center, must be adjusted to the specified pressure.

(2) Wheel nut

Check the tires, ensure wheel nut without loose. Check whether the loosening of the wheel nut, tighten nut according to specified torque within 1000km ranges.

(3) Wheel alignment and balance

When driving on flat road, if the vehicle is titled to one side always, or your are aware of the tire uneven or abnormal wear, it is necessary to align the wheel.

(4) Wiper brush

If brush works abnormally, please check whether there are cracks or wear.

(5) lamp

Confirm the front combination lamps, rear combination lamp and other lamps work normally, be installed firmly, and check the lighting in regular maintenance, cleaning vehicles etc.

(6) Warning lamp and buzzer

Confirm all of warning lamp and buzzer work normally.

(7) Steering wheel

Check the whether steering situation is changed, such as free travel is too large or abnormal sound.

(8) Throttle grip

Confirm the grip steady work, and check the free travel is normal.

(9) Brake

Check vehicle if there is deviation in braking, brake lining is excessive wear or not.

(10) Brake pedal

Check whether the pedal steady work normally, free travel is normal, and confirm the pedal is stepped to the end, should reserve trip.

(11) Parking brake

Check whether parking brake travel is normal.

6. Regular maintenance

(1) Regular maintenance project must be carried out in the specified time interval, it is requirements to ensure that your vehicle's power system and mechanical system in good performance. These works shall be done in service center. Note that running under bad conditions, it needs extra or frequent maintenance.

Periodically, the maintenance is your responsibility.

(2) The initial compulsive grinding maintenance

In the early of 300/1000 miles compulsory maintenance is one of the most important maintenance, ensure your vehicle to achieve the best state is very important.

(3) Where to do regular maintenance and repair

Every 1500 miles for regular maintenance period. Reach the maintenance time or your vehicle has the malfunction, please inspect and adjust your vehicle in service station. Repair technicians are professional personnel be trained with regularity. Through the technical manual, repair, and repair service center training courses to get the latest repair information.

7. Battery maintenance

(1) The surface of the battery, pole and connecting bolt, connecting line should keep clean and dry. If the electrolyte splashed on body please use cotton wipe clean, then wash and dry, ensure no water enters into battery.

(2) Battery connection must be kept in good. Always check the battery connection fastening and nut loosening, lest cause spark in driving to ablate electrode.

(3) Don't place any conductive materials on battery, can not connect the battery positive and negative poles directly to avoid cause a short circuit and damage the battery.

(4) After battery discharge (regardless of vehicle ranges and driving time), must

(5) Because the electrolyte water electrolysis and evaporation will cause the density increases and the level lower in using, so should always check.

In the charging of the battery terminal, please adjust electrolyte density to $1.28 \pm 0.0025(25^{\circ}\text{C})$ by 1.400 density dilute sulfuric acid specified for lead acid battery, make the liquid height same as max. Level, continue to charge 0.5-1 hours after adjustment, so that the internal consistency.

⚠ Note: In order to ensure longer life of your battery, please go to service center to fill battery electrolyte.

(6) During charging, please put the vehicle at airy place, and open the battery cover, after charging, tighten liquid injection cover, ensuring smooth gas. Don't in charge at smoking or stack flammable goods place.

(7) When close to lead-acid battery service life, battery capacity will declined rapidly, must replace the new battery. The new battery must be the same with the original vehicle battery manufacturers and same model. And the similar voltage battery cell as a group (full charge, the difference between the highest voltage shall not exceed 1.1V).

⚠ Note: please go to service center to replace the battery, strictly prohibited to replace battery by yourself, otherwise it will cause electrical parts burn out, or even more serious safety accidents.

Troubleshooting Chart

Phenomenon	Cause	Resolution
Speed out of control	<ol style="list-style-type: none"> 1. Low battery voltage 2. A wire from the throttle is loose or disconnected 3. A spring, magnet, or sensor in the throttle is locked or loose 	<ol style="list-style-type: none"> 1. Charge the battery 2. Solder or re-crimp 3. Replace throttle
Connect the power, but the motor doesn't work	<ol style="list-style-type: none"> 1. A battery wire is loose 2. Apparent "dead battery" 3. A wire in the throttle is loose or disconnected 4. A brake sensor is defective 	<ol style="list-style-type: none"> 1. Reconnect 2. Solder or re-crimp 3. Replace brake handle sensor
Mileage per charge is not as expected	<ol style="list-style-type: none"> 1. Not enough air pressure in tires 2. Not enough battery power or a loose connection 3. The battery is damaged 4. Frequent braking and acceleration, driving into wind, with cargo, or up hill 	<ol style="list-style-type: none"> 1. Pump up the tires 2. Charge the battery check connections 3. Replace battery 4. Use pedals to give the tricycle additional power

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.

Before Riding

We recommend performing the 60 second check on your electric vehicle.

Troubleshooting checklist

If you are having trouble operating your scooter, please check the following:

- The unit is switched on
- All plugs and connectors are firmly fixed
- Battery is fully charged
- Parking break is off



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Thank you for choosing Scooters and More