



ADVENTURER X8

MOBILITY SCOOTER



Explore the unseen.

PRODUCT CODE:
MS03010021

USER MANUAL

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1. PREFACE AND INTRODUCTION

Please carefully read this owner's manual before using the scooter. Improper use may cause damage, injury, or traffic accidents.

We recommend that you read and understand this owners manual fully to ensure you get the most out of the scooter.

- This owners manual contains operating instructions for all aspects of the scooter, including assembly instructions and how to deal with possible accidents.
- Pay attention to areas of the owners manual marked with these symbols: The symbols used in this manual are explained below: Read especially the notes marked with these symbols:

ATTENTION!

Improper use could lead to injury and or damage to the scooter.



WARNING!

Improper use could result in serious injury or death.



Suggestion

Follow these tips to keep your scooter in good working order.

- This owners manual contains a repair and maintenance log and useful warranty information. We recommend that you keep this manual in a safe place.
- If someone else uses the scooter, please provide them with this owners manual.
- Due to design changes, some illustrations and illustrations in the owners manual may not match the scooter purchased. We reserve the right to make design modifications.

This scooter has been designed and manufactured to provide a comfortable, safe and affordable solution for your mobility needs.



Suggestion

To maximize battery efficiency and life, fully charge the battery before using the scooter for the first time.

2. SAFETY NOTICE

2.1 BEFORE DRIVING

The user must be familiar with the use and operation of this scooter before driving. Always observe the following safety precautions.

The same traffic rules apply to the use of this scooter as apply to pedestrians.

For the users safety, please follow the rules that apply to pedestrians.

- Drive only on pavements, single carriage roads and pedestrian areas. Never drive on motorways or dual carriageways.
- Do not drive a scooter after consuming alcohol or when tired.
- Be careful when driving the scooter in the dark. (This scooter has not been designed for night use)
- Please observe local laws and regulations regarding speed limits of these vehicles and ensure that you do not exceed these limits

Practice operating the scooter.

Familiarize yourself with the operation of the scooter before using it in heavy traffic or dangerous areas. Practice in a wide open area such as a park. To avoid accidents when driving the scooter, pay attention to your driving actions such as accelerating, stopping, turning, reversing and going up or down ramps.

- Set the scooter speed to "3" when practicing for the first time.
- For safety reasons, we recommend the user is accompanied by someone when driving on the road for the first time.
- The user should only use the high speed setting when they feel confident enough to manoeuvre and control the scooter.

The scooter is only to be used by one person at a time.

Do not carry passengers on the scooter.

For maximum carry weight, please refer to "MAX USER WEIGHT" in "7. SPECIFICATION"

The scooter is designed to support those with limited mobility to get around both indoors and outdoors.



Tyres

Correct tyre pressure is essential for optimum steering and stability of the scooter.

- Check the air pressure every two weeks. Inflate to 30psi.
- The maximum tyre pressure is 40psi.

2.2. WHILE DRIVING

Please carry out daily inspections. Refer to “DAILY CHECKING” for more information.

Do not move your body outside of the scooter while driving.

- Such action may cause loss of balance and risk of injury.
- Be careful not to get clothes caught in the wheels.

Do not use the scooter under these circumstances:

- Keep away from areas where the wheels of the scooter may get stuck.
- Do not drive at night or when it is heavily raining, snowing, misty or windy.
- Do not drive the scooter in an “S” pattern or make erratic turns.
- Do not take the scooter onto escalators.
- UNDER NO CIRCUMSTANCES SHOULD THE SCOOTER BE USED AS A SEAT IN A MOTOR SCOOTER (E.G. CARS, BUSES, TRAINS, ETC).
- Surface temperatures can and may increase if exposed to external sources of heat e.g. sunlight.



Mobile Phones and other electrical equipment:

- Do not use a mobile phone or other wireless communication device when driving.
- Always switch off the scooter and remove the ignition key before using a mobile phone.

Automatic Power Shut Down

To prevent accidental battery discharge, the scooter is equipped with an automatic switch-off function. If the scooter is on, it will automatically power off after 30 minutes of inactivity.

In this case, turn the scooter off and on again to use it again.

Ramps, inclines and drops

- Do not drive on steep ramps that exceed the specified gradient. Refer to "CLIMBING ANGLE" in "8. SPECIFICATION"
- Always use a low speed when ascending or descending a gradient.
- Do not drive on roads with large drops or potholes.
- Slow down when driving on roads with inclines
- Do not make sudden turns when driving on gravel roads or ramps.
- Always lean forward when climbing a steep gradient.

Starting and Driving

- Ensure the seat is installed properly
- Ensure the tiller is secure.
- Fold the armrests down.
- Turn the power switch to "ON". If necessary, turn on the headlights.
- Check the battery indicator to make sure there is enough power for the journey. If the user is concerned about the battery level, charge the scooter before departure.
- Set the speed dial to a position that the user feels safe and comfortable with.
- Ensure the forward/reverse speed lever works correctly.
- Ensure the electromagnetic brake works correctly.
- Always make sure it is safe before driving on the street. Engage the 12.8km/h switch when driving on the pavement.



WARNING!

- Do not engage freewheel mode when driving on a gradient.
- Always re-engage the anti-freewheel device before use. Failure to do so may cause injury to the user.
- When descending a steep slope, the power is automatically cut off and the electromagnetic brake is activated for safety purposes. This will limit your speed to a safe level. Power cycle to restart the scooter.
- Overloading past the weight limit may lead to damage of your scooter or cause it to malfunction and will endanger your safety. The warranty does not cover this type of damage. Refer to section entitled "MAX. USER WEIGHT" in " 8. SPECIFICATION ".

ATTENTION!

1. Do not pull the left and right cruise control levers at the same time. This can cause loss of control.
2. Do not turn off the power while driving. Sudden braking may result in an accident or injury.
3. Do not set the speed to maximum when driving indoors.
4. Do not adjust the speed while driving. Sudden speed changes can endanger you, others and can damage the scooter.
5. Do not place magnetic devices near the control handle as they may affect the safe operation of the scooter.
6. Be careful when driving in heavy traffic or crowded areas.

Stopping

1. Release the speed control lever completely. The scooter will naturally brake and stop.
2. Turn the power switch to (OFF) then remove the key.

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Driving on the pavement

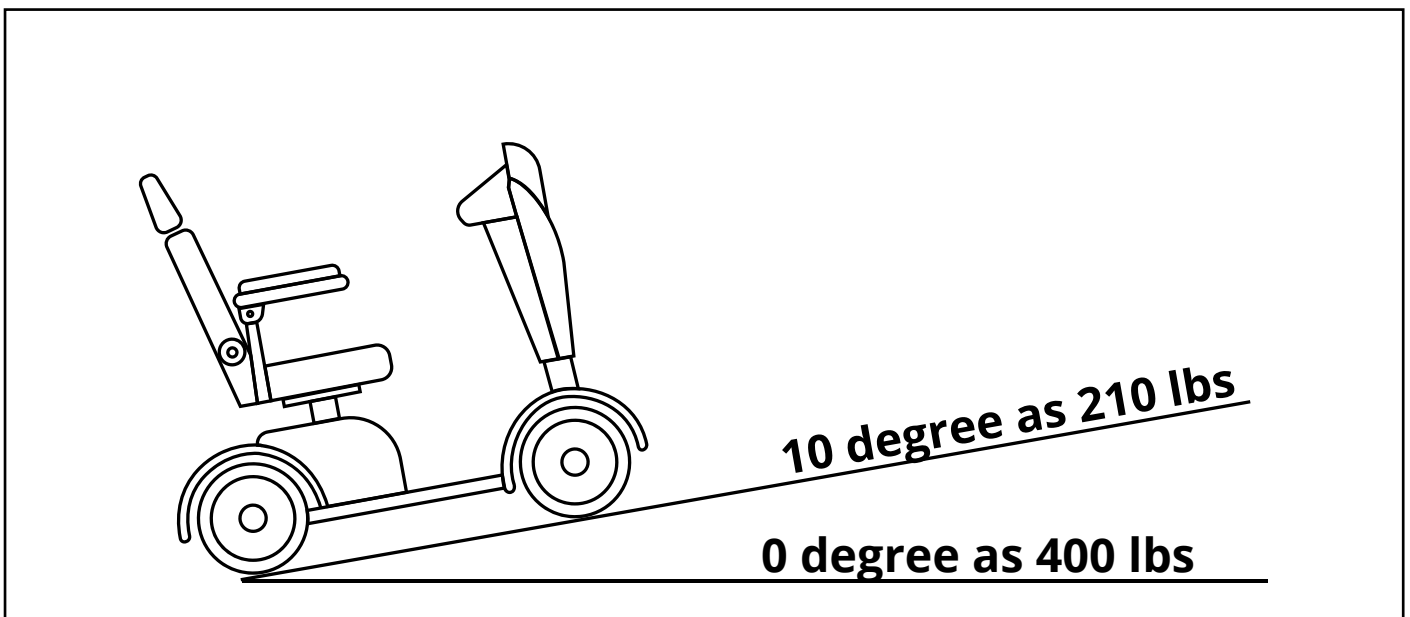
- When using the scooter on pavement, ensure the 12.8 km/h limit switch is set to the slowest setting.
- This limits the scooters top speed to 12.8 km/h. It is illegal to drive on paved roads at a speed of 12.8 km/h or more.
- Limit switches can be set to the fastest level for road and property use.

Seat Belt

- Always wear a seat belt when driving the scooter.
- Use the seat belt only as a seat positioning device.
- Any other use may result in serious injury or death.
- Belts should be replaced immediately if they show signs of wear.

Maximum recommended incline

This scooter has undergone extensive incline testing. Angles and weights shown for this scooter indicate the safe working angles for the user and equipment.





2.3. EMI

This portion of the content will provide the user with basic information that describes the problems with EMI, known sources of EMI, protective measures either to lessen the possibility or exposure or to minimize the degree of exposure, and suggested action should unexpected or erratic movement occur.

ELECTROMAGNETIC INTERFERENCE (EMI) FROM RADIO WAVE SOURCES

Powered scooter may be susceptible to electromagnetic interference (EMI), which is interfering electromagnetic energy (EM) emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones. The interference (from radio wave sources) can cause the powered scooter to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the powered scooter's control system. The intensity of the interfering EM energy can be measured in volts per meter (V/m). Each powered scooter can resist EMI up to a certain intensity. This is called its "immunity level". The higher the immunity level, the greater the protection. At this time, current technology is capable of achieving at least a 20 V/m immunity level, which would provide useful protection from the more common sources of radiated EMI. This powered scooter model as shipped, with no further modification, has an immunity level of 20 V/m without any accessories.

There are a number of sources of relatively intense electromagnetic fields in the everyday environment. Some of these sources are obvious and easy to avoid. Others are not apparent and exposure is unavoidable. However, we believe that by following the warning listed below, your risk to EMI will be minimized.

CAUTION:

It is very important that you read this information regarding the possible effects of electromagnetic interference on your electric scooter.

The sources of radiated EMI can be broadly classified into three types:

1. Hand-held portable transceivers (transmitter-receivers with the antenna mounted directly on the transmitting unit. Examples include: citizens band (CB) radios, “ walkie talkie”, security, fire, and police transceivers, cellular telephones and other personal communication devices.
2. Medium-range mobile transceivers, such as those used in police cars, fire trucks, ambulances and taxis. These usually have the antenna mounted on the outside of the Scooter,
3. Long-range transmitters and transceivers, such as commercial broadcast transmitter (radio and TV broadcast antenna towers) and amateur (HAM) radios;

POWERED SCOOTER ELECTROMAGNETIC INTERFERENCE (EMI)

Because EM energy rapidly becomes more intense as one moves closer to the transmitting antenna (source), the EM fields from hand-held radio wave sources (transceivers) are of special concern. It is possible to unintentionally bring high levels of EM energy very closer to the powered scooter’s control system while using these devices. This can affect powered scooter movement and braking. Therefore, the warnings listed below are recommended to prevent possible interference with the control system of the powered scooter.

Note:

Other types of hand-held devices, such as cordless phones, laptop computers, AM/FM radios, TV sets, CD player, and cassette players, and small appliances, such as electric shavers and hair dryers, so far as we know, are not likely to cause EMI problems to your powered scooter.



WARNINGS

Electromagnetic interference (EMI) from sources such as radio and TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones can affect powered scooters and motorized scooter. Following the warnings listed below should reduce the chance of unintended brake release or powered scooter movement which could result in serious injury.

1. Do not operate hand-held (transceivers-receivers), such as citizens band (CB) radios, or turn ON personal communication devices, such as cellular phones, while the powered scooter is turned ON;
2. Be aware of nearby transmitters, such as radio or TV stations, and try to avoid coming close to them;
3. If unintended movement or brake release occurs, turn the powered scooter OFF as soon as it is safe;
4. Be aware that adding accessories or components, or modifying the powered scooter, may make it more susceptible to EMI (Note: There is no easy way to evaluated their effect on the overall immunity of the powered scooter);
5. Report all incidents of unintended movement or brake release to the powered scooter manufacturer, and note whether there is a source of EMI nearby;

IMPORTANT INFORMATION

1. 20 Volts per meter (V/m) is a generally achievable and useful immunity level against EMI (the higher the level, the greater the protection);
2. This product has an immunity level of 20 V/m without any accessories and connected to it.

3. PARTS INTRODUCTION

1. Speed Dial
2. Rear Mirror
3. Indicator Lamp
4. Charger Socket Cover
5. Tiller Adjust Lever
6. Head Lamp
7. Seat
8. Seat Rotation Lever
9. Hand Brake Lever
10. Side Reflector
11. Rear Lamp
12. Freewheel Lever
13. Anti-tip Wheel
14. Reset Button





4. OPERATION

4.1 CONTROL PANEL

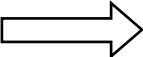
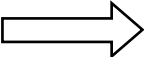
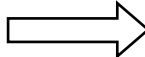
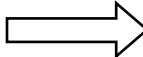
1. Battery level indicator
2. Speed control (slow)
3. Speed control (fast)
4. Speed switch
5. Horn
6. Emergency lights
7. Lights (front and rear)
8. Indicator (left)
9. Indicator (right)



- The time setting is linked to the battery system. Time settings should be reset as soon as a new set of batteries is replaced or connected.
- The system has a mileage memory for driving distance. The distance display will not need to be reset after changing batteries.

Setting:

Press  to change mode,   to modify time and display.

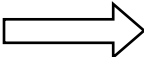
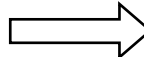
Normal  AM/PM  hour  minute  Temp°C/°C

SET(3 seconds)

SET

SET

SET

 (speed)kmh/mph , (distance)km/mile  Normal

SET

SET

4.2 HOW TO OPERATE YOUR SCOOTER

Power switch

- Turn the key to power ON or OFF.
 - » (ON) - Power is turned on
 - » (OFF) - Power is turned off

Speed Button

- Press this button to set the speed range of the scooter. Press the slow button to slow down, press the fast button to speed up.

Forward, Reverse, and Braking

- If the speed control lever is pulled backwards with the right hand, the scooter will move forward.
- Pull back the speed control lever with your left hand to reverse the scooter.
- The horn will sound when the scooter is in reverse.
- If you release the speed control lever while moving forwards or backwards, the motor's electromagnetic brake will operate and the scooter will stop.



Indicator Lamp Switch

- When the switch is turned left or right, the lamp flashes and the buzzer sounds.
- Move the switch back to the middle to turn off the display.

Horn Button

- Press the horn button to sound the horn. The horn stops when the button is released.

Temperature Sensor

- The temperature sensor is built into the control panel. The temperature is for reference only.

USB charger

- Charge your phone on the go with the convenient USB power adapter.



Light Button

- Push the light button to turn on the front and rear lights. Press the button again to turn off the light.

Battery Indicator

- When the power switch is turned on, the battery indicator will light up and display red squares indicating the remaining battery power. "1" means full power, "0" means no power.
- The remaining battery power indicated by the battery indicator will vary depending on the driving time, driving style, repeated starting, stopping and climbing.



Battery Indicator



Suggestion

1. The battery should be charged each time the scooter is used to ensure maximum range. The battery should be charged at least once a week, even when the scooter is not in use.
2. After charging or replacing a new battery, drive the scooter for 2-3 minutes to make sure the battery capacity is sufficient.
3. In winter, the battery response may be slower and the battery range may be shortened.
4. When driving on a slope, the battery indicator may move up and down. This is normal.
5. Even if the battery is used properly, the battery capacity will decrease over time, resulting in a shorter range than a new battery. If the user notices that the battery has only 50% of its range compared to when it was new, it may need replacing. For battery replacement, contact your dealer. Continued use of the battery when it is time to replace it will result in rapidly deteriorated performance.
6. Frequent driving on slopes and rough terrain will increase power consumption and reduce battery range.
7. The battery has a 6 month warranty covering manufacturing defects. This warranty does not apply to improper charging of the battery.

Braking

Electro-Magnetic Brake: When the speed control lever is released, the electromagnetic brake automatically activates and the scooter stops.



WARNING!

When on a gradient NEVER switch the scooter to the freewheel mode. The electromagnetic brakes will not be applied. This may result in injury.

Seat

- The seat can be rotated to 45 degrees or 90 degrees.
- Pull the seat adjustment lever forward and swivel seat.
- Release the lever, then continue swivelling the seat until it locks in position.



ATTENTION!

- Return the seat to the forward facing position before driving the scooter.
- Ensure the limit switch is set to the slowest setting when using the scooter on the pavement. It is an offence to drive faster than 4mph on the pavement.

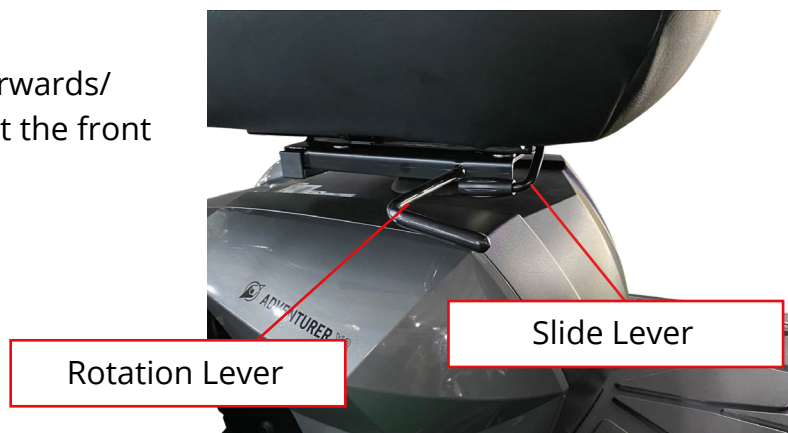
How to adjust the armrest height

- Adjust the height using the knob located at the rear of the armrest.



How to reposition the seat

- The seat can be adjusted forwards/backwards using the lever at the front of the seat.



How to set freewheel mode

- Engaged Mode:
 - » Push the lever forwards - The scooter will only move using the motor.
- Freewheel Mode:
 - » Pull the lever backwards - The scooter will only move by manually pushing.

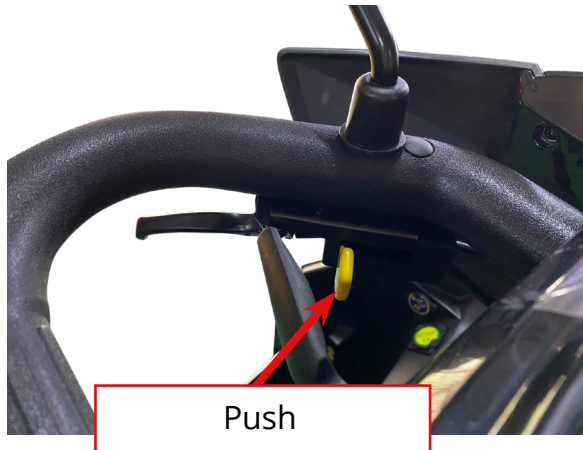


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Tiller Adjustment

The tiller can be adjusted to several different positions.

1. Push the lever to adjust the tiller position.
2. Release the lever to secure the position.



Manual Brake

Squeeze the brake lever to apply the manual brake, and release the lever to release the brake.

The manual brake can be adjusted by the brake cable adjuster on the left side.



Main Circuit Breaker (Reset Button)

When the voltage in the scooter's batteries becomes low or the scooter is under excessive load, the circuit breaker may activate to protect the motor and electronics from damage.

If this happens, turn off the scooter, press the button(s) and turn on the scooter to reset it.





5. BATTERY CHARGING AND CARE

5.1 CHARGING THE BATTERY

Follow the below procedure step by step.

1. Turn the power switch to [OFF]
2. Connect the charger's power cord to a power outlet.
3. Open the charging socket cap on the scooter tiller and connect the charger to the socket.
4. Switch [ON] the charger.
5. The charger's red and orange LED's will be illuminated when charging begins. The minimum charging duration is 6 hours however it is recommended to charge for at least 10 hours for optimum performance. Do not charge for more than 24 hours.
6. The charger's LED's will turn green when charging is complete.
7. Switch [OFF] the charger, disconnect the power cord and the round plug from the charging socket on the scooter.



WARNING!

- The fan inside the charger will be activated accordingly when you turn on the charger. If the fan does not work when connected to the charger or the green light is not showing, DO NOT use this charger. It may lead to overheating of the charger and cause a fire as a result.
- There is a red LED present on the charger to illustrate operation. If this LED does not illuminate the charger is defective, please contact your dealer.

ATTENTION!

- Beware of fingers or hands getting caught in the handle area when gripping or adjusting the handle bars.



WARNING!

1. Keep away from flammable objects while charging as it may lead to fire or explosion of battery.
2. Do not smoke while charging as the battery may release hydrogen gas. Always charge your battery in a well-ventilated space.
3. Never connect or disconnect the plug or cord with wet hands while charging.

Note:

- The scooter will be immobilised when the charger is connected.

ATTENTION!

Please follow the below to avoid accidents when charging.

1. Please use only the charger supplied with the scooter unless provided with an official replacement. Recharge the battery to its full capacity every time. The scooter can become damaged if the incorrect charger is used.
2. Charge in a well ventilated space that is not directly exposed to sunlight. Do not charge in humid environments.
3. Do not charge in temperatures less than -10 C or higher than +50 C as the charger will not work correctly and the batteries will become damaged.



5.2 BATTERY

- When charging or storing the scooter, do not expose the battery to temperatures below 10 C or above 50 C. The battery may freeze or overheat causing internal damage and shortening the battery life.
- The batteries are maintenance free and do not require refilling with water.
- The batteries require recharging on a regular basis. The batteries should be charged at least once a week even when the scooter is stood idle.
- The batteries are supplied with a 6-month manufacturers warranty. This warranty only covers issues relating to manufacturing faults and does not cover faults relating to user error.



Suggestion

How to maximize your batteries efficiency and service life

1. Fully recharge your new battery before its first time use.
2. Be sure to charge the battery fully every time. The battery life will be seriously shortened or decayed if the battery is repeatedly used without being fully charged.
3. Always complete the charging until the orange LED light turns green. NEVER stop charging before it is complete.
4. Keep your batteries fully charged whenever possible.
5. If you do not use your scooter for a long time, it should be charged at least every week to keep the battery in a fully usable condition.
6. The ambient temperature will affect charging time. Charging time will be longer in the winter.
7. After charging, do not leave the charger socket plugged in to the scooter, as this will cause a power drain on the scooter and temporarily reduce its range.

Cleaning the battery

If the battery is contaminated with water, battery acid, dust or other substances, the battery will discharge rapidly. The battery supplied with the scooter is sealed, which means there are no leaks and is maintenance free. Please follow the steps below to clean the battery.

1. Turn the scooter power switch to "OFF".
2. Remove the seat and dust cover.
3. Remove the shroud and unplug the terminal of the taillight and signal lights.
4. Use a clean cloth to wipe off the soiled area.
5. Take out the battery.
6. Clean the battery with a clean cloth. If the terminal is covered by white powder, please wipe it clean using warm water.



WARNING!

1. The wiring system and charger are well situated in battery pack while assembled in plant. Do not attempt to re-locate the wiring system by yourself. The improper layout of wiring system may result in the wires pinched by battery box, which might the electronic system failure.
2. Be sure the battery wires are connected to their right battery terminal.



Suggestion

If necessary, ask for help from your dealer for advice about maintaining and replacing the battery.



Suggestion

1. Make sure the terminals are installed properly and put the cover back on.
2. Battery efficiency will vary with outside conditions; the driving distances will be shorter in the winter. If the scooter is not used for a long time, please charge the battery at least every week.
3. Replace both batteries together.



6. INSPECTION AND MAINTENANCE

6.1 INSPECTION

- Clean the scooter with a damp cloth and dust down approximately once a week to preserve the appearance of the scooter.
- Adjust the tiller height and return to the original position and swivel the seat once a week to ensure the parts adjust and remove smoothly and easily when required.
- Check for signs of wear and tear on the tyres and the upholstery on a regular basis.
- For optimum performance and to increase the lifespan of your scooter, it is recommended that you have your scooter serviced once a year.

6.2 REGULAR CHECKING RECORD

To make sure your scooter is correctly serviced, take it to your dealer for regular maintenance checks. This should be at intervals of six months after the first inspection after one month. Your dealer may charge a fee for this service.

YEAR	1	2	3	4	YEAR	1	2	3	4
Service Dates					Service Dates				
Controller					Upholstery				
On/off switch					Seat				
Controller Lever					Back				
Braking					Armrests				
Recharge point					Electrics				
Batteries					Connections condition				
Levels					Lights				
Connections					Test run				
Discharge test					Forwards				
Wheels and Tyres					Reverse				
Wear					Emergency stop				
Pressure					Left turn				
Bearings					Right turn				
Wheel nuts					Slope test				
Motors					Over obstacles				
Wiring					List Items repaired				
Noise									
Connections									
Brake									
Brushes									
Chassis									
Condition									
Steering									

6.3 BATTERY, FUSE AND TYRE

Battery

Refer to the section entitled " 5.2 BATTERY" in "5. BATTERY CHARGING AND CARE ".

Fuse

If the battery charger is turned on and no LED's are lit, the fuse may be at fault.



Suggestion

Ask for help from your scooter dealer to inspect or replace the fuse, since the tiller shroud has to be removed first before you can replace the fuse.

Tyres

The condition of the tyres depends on how you drive and use your scooter.

- Inspecting tyre tread
- Please check the tread depth regularly. Replace the tyres when the tread depth is less than 0.5 mm.

ATTENTION!

1. When tread depth is below 0.5mm it can easily lead to scooter slippage, longer braking distance. Therefore replace the tyres as early as possible when they do not have insufficient tread depth.
2. The tyre pressure should be kept at about 26 PSI (approx. 1.8KG/cm) for the best ride and handling.

ATTENTION!

When conducting maintenance of your scooter, please turn the power switch to OFF and remove the charger cords.



Suggestion

- Do not splash water directly to wash your scooter as this could lead to malfunction of the system electrics.
- Do not use petrol, solvents or vaporizing solution as these may deform or damage the shrouds.
- Do not use wax.

6.4 STORAGE

Make sure the scooter is stored under the following circumstances:

- Make sure the seat is set in the “Forward” position
- Make sure the Power switch is turned to OFF

6.5 MOVING ABOUT

- Turn the power switch “OFF” before moving.
- Lift the scooter by the chassis, and not by the bumpers. Lifting the scooters by the bumper could cause damage or injury.
- For your safety, always ask for help if required. You will need 2 or 3 persons when moving or lifting the scooter.

7. TROUBLE SHOOTING AND SPECIFICATION

TROUBLE SHOOTING

Symptom	Remedy
The scooter will not switch on	<ul style="list-style-type: none">• Try recharging the battery• Check the fuse and circuit breaker in the scooter
The scooter switches on, but the scooter will not move.	<ul style="list-style-type: none">• Ensure there is enough power in the batteries. If not, recharge the batteries.• Ensure the freewheel lever is engaged in the 'DRIVE' position.
The scooter appears slow	<ul style="list-style-type: none">• Check the battery power level and recharge• Check the speed dial is not set to slow.
The seat turns when in operation	<ul style="list-style-type: none">• Slowly rotate the seat until it drops in to place and is secure
The handlebar appears loose	<ul style="list-style-type: none">• Tighten the height adjustment handle to secure the handlebar
Involuntarily horn sounds	<ul style="list-style-type: none">• Ensure that the wigwag paddle is released.• Switch the scooter off and on.• Recharge the batteries.• If problem persists, contact your dealer.



FAULT CODES

Blink	Phenomenon	Solution
1	Need to recharge the batteries	Recharge the batteries
2	Battery voltage is too Low	<ol style="list-style-type: none">1. Recharge the batteries2. Check the batteries and battery cables
3	Battery voltage is too High	Lower the speed
4	High Current being Over-headed or Over setting Time	<ol style="list-style-type: none">1. Reopen the key switch2. Check the motor and motor cables
5	The Electric Circuit- Magnetic Brake is not well set	<ol style="list-style-type: none">1. Check the Freewheel Lever is in Engaged mode2. Check the EM brake and EM brake cables
6	When the key is switched on, the throttle Lever is IN not Stop Position	<ol style="list-style-type: none">1. Release the throttle lever and restart2. Check the charging socket is plugged into the charging cable
7	The Throttle is Out Of Order	Check the cable and the socket between the speed dial and controller. See if it's well connected.
8	The Motor is Out Of Order	Check the cable and the socket between the motor and controller. See if it's well connected.
9	Controller Problem	<ol style="list-style-type: none">1. Change the controller2. Check all cables

ADVENTURER X8

Model Reference	MS03010021
Dimension (L x W x H)	1750 x 870 x 1400 mm (68.8" x 34.2" x 55")
Total weight (excluding battery)	148 kg (325.6 lbs.)
Battery	Up to 100Ah Batteries
Battery Weight	75Ah battery x2: 50 kg (110 lbs.) 100Ah battery x2: 70 kg (154 lbs.)
Charger	8A Off-Board
Controller	Dynamic Rhino II 180A
Front Tyre	14"x6.5"-8" Turf Tyre
Rear Tyre	16"x6.5"-8" Turf Tyre
Driving System	Rear wheels (with differential gear)
Brake System	Electromagnetic brake
Control Method	Speed control lever
Top Speed	12.8 km/h
Climbing angle	10°
Ground Clearance	115 mm (4.53")
Min. Turning Radius	2400 mm (90")
Cruising range	40km / 25 miles (with 75Ah batteries) 52km / 32.5 miles (with 100Ah batteries)
Max. User weight	205 kg (450 lbs.)

ATTENTION!

The original design of this product has a width of 730mm. Should accessories or wider wheels be provided with the product, this may affect the width which could exceed the recommended width for this product. Should this be the case, please take care when using emergency escape routes and similar areas.



Remark: The manufacturer reserves the right to modify the specification if necessary. The final specification is subject to the individual scooter you purchase from your dealer.

Note: Maximum driving distance is based on an ambient temperature of 20°C, a 100kg driver and a brand new fully charged battery by a constant driving speed at 12.8 km/h with 70% battery power discharged.

The dimensions of this product are larger than the recommended dimensions for this product type therefore care must be taken when evaluating and/or using emergency escape routes.

In the unlikely event that this product is recalled, please keep us up to date with your accurate contact details so that we can contact you.

8. WARRANTY

There is a comprehensive twelve-month warranty from the date on which your new scooter is delivered. The warranty covers the scooter for repairs or replacement during this period. For more detail, please see the Warranty Conditions below.

Warranty Conditions:

1. Any work or replacement part installation must be carried out by an authorized Tech dealer / service agent.
2. To apply the warranty should your scooter require attention please contact the designated service agent listed below.
3. Should any part of the scooter require repair or full or part replacement, as a result of a manufacturing or material defect within twelve months of receiving the scooter, the work will be carried out free of charge.
 - a. Frame: 3 Years limited warranty
 - b. Electronic parts: 1 Year limited warranty
 - c. Note: The warranty is not transferable
4. Any repaired or replaced parts will be covered by this warranty for the balance of the warranty period on the scooter.
5. Parts replaced after the original warranty has expired will be covered by a three months warranty.
6. Consumable items supplied will not generally be covered during the normal warranty period unless such items require repair or replacement clearly as a direct result of a manufacturing or material defect. Such items include (among others): upholstery, tyres and batteries.
7. The above warranty conditions apply to brand new scooters purchased at the full retail price. If you are unsure whether your scooter is covered, check with the service agent.



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8. Under normal circumstances, no responsibility will be accepted where the scooter has failed as a direct result of:
- a. The scooter part not having been maintained in accordance with the manufacturer's recommendations.
 - b. Failure to use the manufacturer's specified parts
 - c. The scooter or part having been damaged due to neglect, accident or improper use
 - d. The scooter or part having been altered from the manufacturer's specifications or repairs having been attempted before the service agent is notified

Please note your local service agent's contact details in the box below. In the event of your scooter requiring attention, contact them and give all relevant details so they can act quickly.

The manufacturer reserves the right to alter without notices any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

ADVENTURER X8

CareCo



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MD Mobility Scooter



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