The

Wheeltech

MONTE CARLO SCOOTER

CE

OWNER'S MANUAL

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1. PREFACE AND INTRODUCTION

Please carefully read this owner's manual before using the vehicle. Improper use of the vehicle could result in harm, injury or traffic accidents. To ensure that you get the most from your scooter, please read this owners manual before using.

- This owner's manual includes operation instructions for every aspect of the vehicle, assembly instructions, as well as instructions for how to deal with possible accidents.
- The symbols used in this manual are explained overleaf:

☠ Warning	Improper usage could result in serious injury or death.
☞ Attention	improper usage could lead to injury and/or damage to your scooter.
🕮 Suggestion	follow these instructions to keep your vehicle in a good operating order.

- This manual includes a repair and maintenance record chart and warranty information. Please keep it in a safe place or in the scooter.
- If someone else uses the scooter make sure that you provide him or her with this owners handbook for his or her consideration.
- As designs change some illustrations and pictures in the manual may not correspond to the vehicle that you purchased. We reserve the right to make design modifications.

The MONTE CARLO 4 range of scooters are part of the Wheeltech range, and have been designed and manufactured to provide a comfortable and secure yet affordable solution for some mobility requirements.

2. SAFETY NOTICE

2.1 BEFORE DRIVING

The user needs to be familiar with the usage and operation of this vehicle before driving. Therefore, please follow the recommendations in this safety notice.

- **The same traffic rules apply to the user of this vehicle as apply to pedestrians.**
- For your safety, please follow and adhere to the same traffic laws as pedestrians.
- Ride on the pavement and pedestrian areas only. Never ride on roads, motorways or dual carriageways. Only use roads to cross to the other side of the pavement.
- Be aware of traffic when crossing roads.
- Be extremely cautious when driving your scooter in busy areas or in shopping malls.
- Please do not drive your scooter after consuming alcohol or when you are tired.
- Please be careful when driving your scooter in low light. It has not been designed for use at night.

- **Practice operating your vehicle**

  Before using the scooter in busy or potentially dangerous areas, familiarize yourself with the operation of your scooter. Please practice in a wide and open area like a park. In order to avoid accidents with your scooter whilst driving, please bear in mind driving motions, such as accelerating, stopping, turning, reversing, up-and down ramps.

  - Please turn the speed dial to minimum value for your initial practice.
  - Only use higher speed setting when you are confident that you can easily operate and control your scooter.

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

  Do not carry passengers on your scooter (including children)

- **Do not use this vehicle to carry or haul goods**

  - The maximum weight can be carried is 115kg (including occupant and any goods). Refer to "MAX LOAD WEIGHT" in "9. SPECIFICATION"
  - Maximum loading weight for basket is 3kg (7lb).

2.2 WHILST DRIVING

- **Do not use your vehicle under the circumstances below.**

  - On surfaces that are muddy, gravelly, bumpy, narrow, snowed over, icy, or canal towpaths not guarded by any fence or hedge. Keep away from places where you might get the wheels stuck.
  - Do not drive at night or when it is raining, snowing, misty, or windy.
  - Do not drive your vehicle in an "S" pattern or make erratic turnings.
  - Do not take the scooter onto escalators.
  - UNDER NO CIRCUMSTANCES SHOULD THE SCOOTER BE USED AS A SEAT IN A MOTOR VEHICLE (E.G. CARS, BUSES, TRAINS, ETC).

- **About Mobile Phones and other electrical equipment**

  - Do not use a mobile phone or other wireless communication devices whilst driving.
  - Always switch off the scooter and remove the ignition key before using a mobile phone.
  - Do not charge the mobile phone or any other electrical devices from your scooter's battery.

- **Automatic Power Shut Down**

  In order to avoid accidental battery run down, your scooter is equipped with an automatic power shut down facility. If the scooter is switched on, but remains undisturbed for a period of thirty minutes it will automatically turn off. Should this occur, simply switch your scooter off and back on and it will be ready to use once again.

- **Ramps, inclines and drops**

  - Do not drive onto steep ramps greater than the specified gradient. Refer to the section entitled "CLIMBING ANGLE" in "9. SPECIFICATION"
  - Always use a low speed setting when ascending or descending a gradient.
  - Do not drive on roads with large drops or potholes. Refer to the section entitled "MAX. GROUND CLEARANCE" in " 9. SPECIFICATION".
  - Do not cross water gutters where the width is too big and where there is a risk of getting the wheels stuck.
  - Please slow down when driving on gradients
  - Do not make sudden turns when driving on gravel surfaces and gradients
  - Always lean forward when climbing a steep gradient

☠ WARNING!

- Do not set in freewheel mode when driving on a gradient.
- Always re-engage the anti-freewheel device before use. Failure to do so may result in injury.
- To protect your safety, the power will automatically cut off and electromagnetic brake system will activate while you are driving down a steep gradient (over 10•). This will limit the speed to a safe level. Turn the power on again to re-start your scooter.

- **Maximum User Weight Limit**
  Refer to section entitled "MAX. LOAD WEIGHT" in " 9. SPECIFICATION ". 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.

2.3 LABELLING

Please carefully read all labels o the scooter before driving it. For future reference, do not remove them.

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.

Attention: It is very important that you read this information regarding the possible effects of electromagnetic interference on your **Monte Carlo Scooter**

2.4.1 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 mobile 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.

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 talkies", security, fire, and police transceivers, mobile telephones and other personal communication devices.

Attention:
Some mobile telephones and similar devices transmit signals while they are ON, even when not being used.

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 powerchair .
3. Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.

Attention: 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.

2.4.2 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 close to the control system of powerchair 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.

2.4.3 WARNINGS

Electromagnetic interference (EMI) from sources such as radio and TV stations, amateur radio (HAM) transmitters, two-way radios, and mobile phones can affect powered scooters. 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 mobile phones, while the powered powerchair 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 evaluate 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,

2.4.4 IMPORTANT INFORMATION

1. 20 Volts per Metre (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 connected to it.

3. PARTS INTRODUCTION

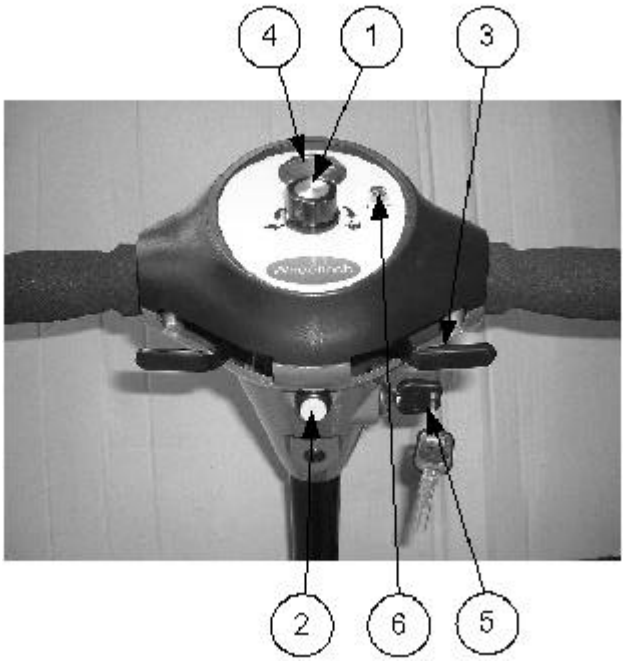
1. Control Panel
2. Charger Socket Cover
3. Basket
4. Tiller
5. Tiller Adjustment Bolt
6. Arm Rest
7. Seat Post
8. Side Reflector
9. Rear Reflector
10. Freewheel Mode Lever
11. Anti-Tip Wheels

4. OPERATION

4.1 CONTROL PANEL

Please see the diagram on the right.

1. Speed Dial
2. Horn Button
3. Wigwag Paddle
4. Battery Indicator
5. Key Ignition
6. Power Eye



4.2 HOW TO OPERATE YOUR SCOOTER

- **Key Ignition**
- The key ignition acts as the power switch for the scooter. To switch the power on, turn the key clockwise in the ignition. The power eye should illuminate.
- To switch the power off, turn the key anticlockwise. The power eye should switch off and the key can be removed if required.

- **Speed Dial**
- Turn the speed dial to determine the maximum speed of the scooter. Turn the dial clockwise to increase the speed setting and turn the dial anticlockwise to decrease the speed setting.

- **Moving and Braking**
- Push the right-hand side of the wigwag paddle forwards with your right thumb and the scooter will move forward.
- Push the left-hand side of the wigwag paddle forward with your left thumb and the scooter will move backward, emitting an audible reversing alarm.
- To brake, release the wigwag paddle which will return to neutral and activate the electromagnetic brake automatically. This will bring the scooter to a prompt stop.
- The wigwag paddle allows you to control the speed of the scooter up to a maximum speed determined by the Speed Dial. The further the wigwag paddle is deflected, the faster the scooter will go.

- **Horn Button**
- Press the horn button to sound the horn. Release the button to stop the horn

- **Braking**
- Electromagnetic brake: Release the wigwag paddle completely, and the electromagnetic brake will be activated automatically, and the scooter will stop.

☠ **Warning**

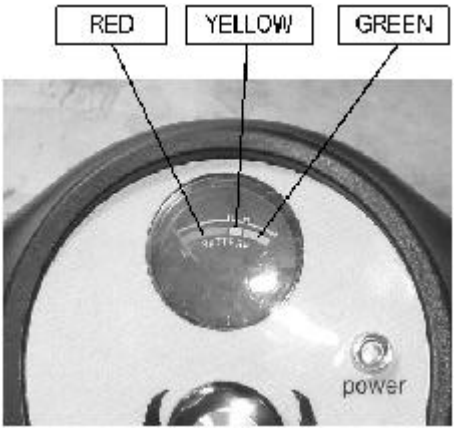
When on a gradient NEVER set the vehicle to the freewheel mode. The electromagnetic brakes will not be applied. This may result in injury or damage.

- **Seat**
- The seat can be rotated and locked in position at 45° intervals.
- Push the seat adjustment lever forward and swivel the seat.
- Release the lever, and then continue swivelling the seat until it locks in position.

☞ **Attention**

Return the seat to the forward position before driving.

- **Battery Indicator**
- The battery indicator on the tiller console uses a color code to indicate the approximate power remaining in your batteries. Green indicates (40-100%) capacity, yellow a draining charge (10-30%), and red indicates that an immediate recharge is necessary.
- The remaining range suggested by the battery indicator will vary by the actual driving time incurred and how you drive. Repeated starting, stopping, climbing will consume the power more quickly.



🕮 **Suggestion**

1. You should recharge the batteries after each time the vehicle is used to ensure maximum range. The batteries should be charged up at least once a week even if the scooter is not used.
2. After charging or replacing a new battery, drive the vehicle for 2-3 minutes to make sure the battery capacity is sufficient.
3. In wintertime, the battery may respond more slowly and the battery range may be reduced.
4. When driving on a gradient, the battery indicator gauge may fluctuate. This is a normal phenomenon so please do not worry.
5. Even if the battery is used properly, it is natural for the battery's capacity to reduce with time, which results in reduced battery range compared to a brand new battery. Therefore, when you find the battery's range is about only 50% of the range when the batteries were new, it is time to replace the batteries. Please see your dealer about replacement batteries. If you continue to use the old battery when it should be replaced, it could lead to a rapid decline in performance.
6. The battery range will be reduced when driving frequently on a slope or rough terrain, as this leads to greater consumption of power.
7. The batteries have a twelve-month warranty covering manufacturing defects. This warranty does not cover faults due to incorrect battery recharging.

4.3 HOW TO SET FREEWHEEL MODE

Engaged Mode:

Lift the freewheel lever up completely and the scooter can be driven by the motor. (See photo left)

Freewheel Mode:

Push the freewheel lever down completely and the scooter can be moved manually. (See photo left)

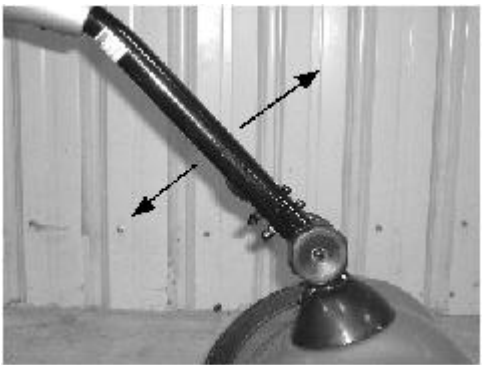
☠ **Warning**

Never operate the freewheel lever while seated on the scooter or on an incline.

- **Tiller Adjustment**
- The tiller can be adjusted in to many different positions to suit each driver.
- The tiller can be adjusted by following the steps below.

Step 1:

Loosen the knob (shown by arrow) so the tiller can move.



Step 2:

Move the tiller into the required position then retighten the knob to secure the tiller.

5. DRIVING ON THE ROAD

- **Starting and Driving**

1. Make sure the seat is installed properly.
2. Make sure the tiller has been secured properly.
3. Fold down the armrests so you can rest your arms on them.
4. Turn the power switch to "ON".
5. Check battery indicator to see whether there is enough power for your journey. If you have any doubt about the remaining power, please recharge the batteries before departure.
6. Set the speed dial to a position you feel safe and comfortable with.
7. Check that the wigwag paddle works correctly.
8. Make sure the electromagnetic brake works correctly.
9. Before driving, ensure it is safe to do so in the environment around you.

☞ **Attention**

1. Do not push both RH & LH sides of the wigwag paddle simultaneously. This might leave you unable to control your scooter.
2. Do not turn the power switch to OFF whilst driving as this will lead to an emergency stop and possible risk of accident and injury.
3. Do not set to the highest speeds whilst driving indoors.
4. Do not adjust the speed dial whilst driving, a sudden change in speed may cause danger to you and others, and may cause damage to your scooter.
5. Do not place magnetic devices near the area of the operation handle as this could affect the safe operation of your scooter.
6. Do be careful whilst driving in heavy traffic or crowded areas.
7. Whilst reversing the vehicle, beware of people or objects behind you.

- **Stopping**

1. Release the wigwag paddle completely. The vehicle will naturally brake and stop.
2. Turn the scooter off at the key ignition. Then pull out the key.

☞ **Attention**

- The stopping distance will vary with your forward / reverse speed. Therefore please begin braking as early as you can.
- While parking your scooter, be sure to park on flat ground and then turn the power to "OFF" before you get off.

- **Main Circuit Breaker (Reset Button)**

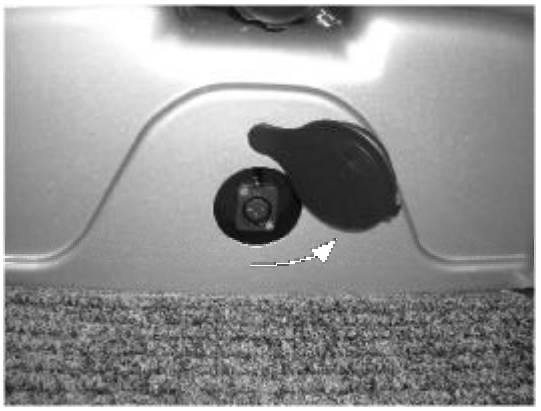
  When the voltage in your scooter's batteries becomes low or the scooter is heavily strained because of excessive loads or steep inclines, the main circuit breaker may trip to protect the motor and electronics from damage.

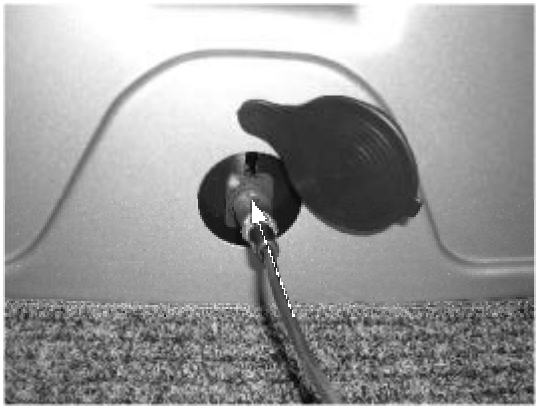
  The location of the circuit breaker is shown by the arrow on the photograph (left).

  If the circuit breaker is activated (tripped) simply push the black button back in to reset the circuit breaker. Please note the normal position of the circuit breaker button as a point of reference. The button protrudes by 2mm – 3mm when operating normally, and protrudes by 7mm – 8mm when the circuit breaker has activated.

6. BATTERY CHARGING AND CARE

6.1 CHARGING THE BATTERY





Follow the procedure below step by step:

1. Turn the power switch to (OFF)
2. Connect the charger's power cord into the power outlet.
3. Open the charging rubber cover on the rear shroud. Then connect the charger's round plug to the charging socket (see photographs right)
4. Switch the charger on.
5. Both the charger's red and orange LEDs will be lit when beginning charging. The charging duration is about 10 hours. To ensure optimum performance a 12 – 14 hour charge is recommended.
6. Both the charger's LEDs will be lit during the charging process. The orange LED will turn green when charging is complete.
7. Turn off the charger, disconnect the power cord and the round plug from charger socket on the scooter.

📖 **Suggestion**

1. Do not disconnect the charger cord if charging is not completed. The battery life will be seriously shortened or decayed if the battery is repeatedly used without being fully charged. Therefore be sure to charge the battery fully every time.
2. Always complete the charging until the orange LED light turns green. NEVER stop charging before it is complete.
3. When fully charged, the battery charger will still trickle charge the battery to ensure optimum range.
4. 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.
5. The ambient temperature will affect charging time. Charging time will be longer in the winter.
6. 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.
7. The batteries carry a twelve-month manufacturer's warranty. This warranty only covers issues relating to manufacturing faults, and not faults relating to failure to recharge the batteries as instructed above.
8. Should range or power problems arise, please charge your scooter for 24 hours continually and then retry the scooter.

☞ **Attention: Please follow the rules below to avoid accidents while charging.**

1. Please use the Wheeltech 24V charger only, and recharge the battery to its full capacity every time. You may damage the battery and scooter if you use a charger which is not to the correct specification.
2. Never disassemble or modify the charger.
3. Please charge in a well-ventilated space where it is not directly exposed to the sunlight. Do not charge in surroundings where it is humid or under rainfall and morning dews.
4. Do not charge in temperatures less than -10°C or higher than +50°C as the charger may not work well and the batteries may become damaged.

☠ **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 whilst charging. Do not connect or disconnect the plug or cord when they are wet, it may lead to electric shock.

6.2 CHARGER

Both the chargers red and orange LEDs will be switched ON during charging. The orange LED will turn green when charging completed. It is recommended to leave the charger plugged in for at least 1 – 2 hours after the green light has become illuminated. This process may increase or maintain the performance of the batteries.

☠ **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.
- There is a red LED present on the charger to illustrate operation. If this LED does not illuminate the charger is faulty, please contact your dealer.

6.3 BATTERY

- Do not expose the battery to temperatures below 10°C or above 50°C when charging or storing the vehicle. Being out of the above temperature range can cause the battery either to freeze or over heat. This will damage the batteries and shorten their life.
- These batteries are maintenance free and there is no need to inspect the battery liquid or refill with water.
- You are required to recharge the batteries on a regular basis. Even if the scooter is stood idle, you should charge the batteries at least once a week.

☠ **Warning**

Do not open the battery-sealed cap at any time.

- **Batteries**
- The Monte Carlo 4 is powered by two deep cycle sealed lead-acid batteries.
- The batteries supplied with the scooter are 12V 34ah batteries.
- The batteries supplied with the scooter are not generally suitable for air transportation, although this is at individual airlines discretion. Batteries which are suitable for air transportation are available as a cost option. For details about these please contact your Medicare Technology dealer.

- **Charging the Batteries**
- Using the charger supplied with the scooter, the charging duration is about 8 hours.
- However, to ensure optimum performance we recommend a 12-hour charge.
- We also recommend that the batteries are not charged for more than 24 hours.

- **Cleaning the battery**
- If water, battery acid, dust or other substances contaminate the batteries, they will discharge quickly. The batteries supplied with the Monte Carlo scooter are sealed and as such are 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.
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.

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

🕮 **Suggestions**

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

7. INSPECTION AND MAINTENANCE

7.1 DAILY CHECKING

Check the following items before driving. If you find anything abnormal, contact your Medicare Technology dealer for further inspection or advice before using the scooter.

Item	Inspection Content
Handlebar	♦ Is there any looseness? ♦ Can it turn left and right smoothly ?
Speed Control Dial	♦ Can it be adjusted freely and does it function well?
Wigwag Paddle	♦ Does the scooter move when the lever pressed down? ♦ Does the scooter stop when the lever is released completely?
Motor	♦ Are there any abnormal noises coming from the motor? ♦ Does the electromagnetic brake work properly?
Freewheel Mode	♦ Does the freewheel mode lever work properly?
Battery Indicator	♦ Is the light on when the power is switched on? ♦ Is the remaining power enough for your trip?
Horn	♦ Does the horn work?
Seat	♦ Can the seat swivel smoothly?
Tyres	♦ Are there any cracks or other damage to the tyres? ♦ Check the tyre tread depth.
Other	♦ Are there any abnormal noises? ♦ Is there oil leakage from the transmission box?

☞ **Attention**

Go to your dealer for inspection and maintenance if you find anything wrong.

7.2 REGULAR CHECKING RECORD

To make sure your scooter is correctly serviced, take it to your Medicare Technology dealer for regular maintenance checks. This should be at interval of six months after an initial inspection after one month. Your dealer may charge a fee for this. The checking record is shown overleaf.

🕮 **Suggestion**

Even if you don't use the vehicle for a long time it should still be regularly maintained.

YEAR	1	2	3	4	5	YEAR	1	2	3	4	5
Service Dates						Service Dates					
Controller						Upholstery					
On/off switch						Seat					
Control 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											

7.3 BATTERY, FUSE AND TYRE

- **Battery**
- Refer to the section entitled “6.3 BATTERY” in “6. BATTERY CHARGING AND CARE”.

- **Fuse**
- If the battery charger is turned on and no LEDs are lit, check the battery charger fuse.

> 🕮 **Suggestion**
>
> Ask for help from your dealer to inspect or replace the fuse in the scooter, 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.
- Please check the tread depth regularly.
- Replace the tyres when the tread depth is less than 0.5mm

☞ **Attention**

1. When tread depth is below 0.5mm it can easily lead to vehicle slippage, making braking distances longer. Therefore replace the tyres as early as possible when they are found to have insufficient tread depth.
2. The tyre pressure shall be kept at about 26 PSI (approx. 1.8KG/cm) for the best ride and handling.

7.4 MAINTENANCE

You must maintain the scooter frequently if you tend to drive on grass, sand, and gravel or in other adverse environments.

Do not use, water, oil or other chemical solution to clean your scooter. Be sure NOT to spray the scooter with a hose or tap as this may cause damage to electronic componentry and the scooter controller.

Please take the scooter to authorised dealers for repairs and adjustments. Improper adjustments could lead to accident and scooter malfunction.

Please use a soft, wrung dry cloth to keep your scooter tidy and dust-free. Please use natural or mild detergent to clean the scooter.

☞ **Attention**

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

🕮 **Suggestions**

- 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.

7.5 STORAGE

- Ensure the scooter is stored under the following conditions:
- Ensure the seat is set in the 'forward' position
- Ensure the scooter is switched off
- Ensure the charger is disconnected when not in use

🕮 **Suggestion**

Please store the scooter in a location where it is out of direct sunlight, rain, or dew. When storing for a long time, please charge the battery to full power and then disconnect the battery terminal. For more details contact to your dealer.

7.6 MOVING ABOUT

- Switch off the power with the ignition key before moving. Always dismount from the scooter 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 two people when moving or lifting the scooter whole.

7.7 DISASSEMBLING THE SCOOTER

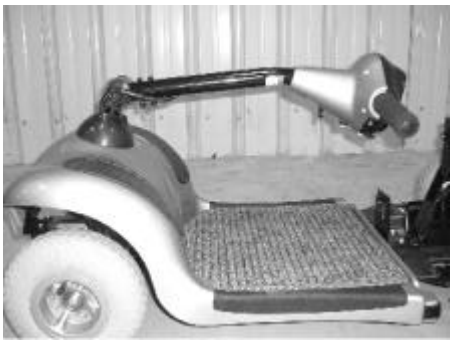
The Monte Carlo 4 can be disassembled into five pieces, the seat (weight 11.8kg), the front section (weight 22kg), the rear section (weight 18kg), and two batteries (weight 11.2kg each) without any tools. Please follow the steps and photographs below:

1. Switch off the scooter, unscrew the seat hand wheel and remove seat. Be careful not let the seat post drop when removing.

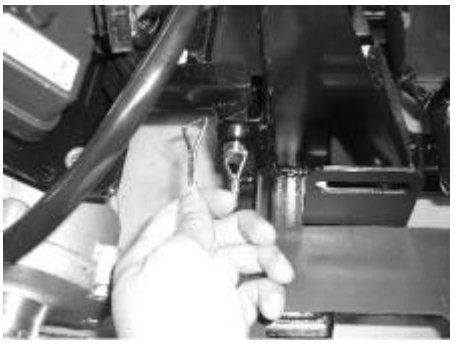
2. Lift up the rear shroud to remove.

3. Disconnect the batteries by disconnecting the two red connectors and two black connectors.

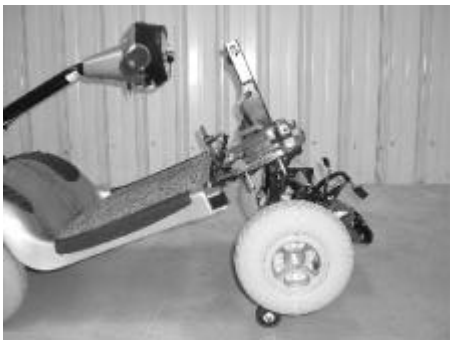
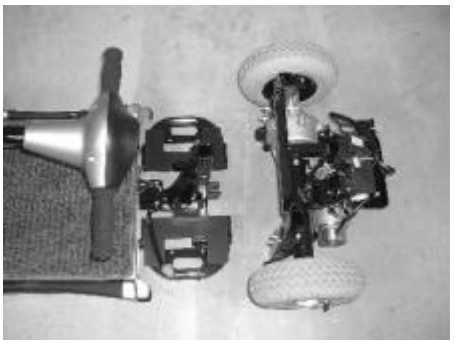
4. Undo the Velcro straps and remove batteries.



5. Loosen the tiller adjustment knob and fold down the tiller and retighten knob.



6. Remove the lock pin.

		
7. Unplug the front-to-rear harness (blue and red connector).	8. Press down on the rear bumper to pivot the scooter's rear section rearwards until the rear section is standing vertically on its rear bumper.	9. Lift the front section until the lower pegs are no longer in the curved locking brackets. Carefully lift the front section away from the rear section.

7.8 ASSEMBLING THE SCOOTER

Suggestions

The assembly process is essentially the disassembly process in reverse. First study the text and photographs in the disassembly procedure before re-assembling the scooter.

1. Position the front and rear sections of the Monte Carlo 4.
2. Align the lower curved locking brackets of the front section with the corresponding pegs on the front of the rear section.
3. Holding the seat post, slowly pivot the rear section forward until the curved locking brackets are fully connected on to the top rear pegs.
4. Secure the lock pin in to the pin hole
5. Loosen the tiller adjustment knob, raise the tiller to the desired position, and then tighten the tiller adjustment knob.
6. Reinstall the batteries and secure them with the Velcro strap.
7. Connect the front-to-rear harness and battery cables.
8. Reinstall the rear shroud.
9. Replace the seat and rotate it until it locks in to its correct position.

Warning

After assembling the Monte Carlo 4, make absolutely certain the tiller adjustment knob is fully tightened.

8. TROUBLESHOOTING

If you have trouble with your scooter, you can inspect the following before taking your scooter to the dealer:

If you cannot solve the problem, contact your dealer for assistance.

Problem	Symptom	Remedy
Scooter will not switch on	Batteries not connected	Check batteries are connected
	Rear and front sections not connected	Check connection on front-to-rear loom
	Circuit breaker has tripped	Push circuit breaker button to restart
Scooter will switch on but will not run	Flat batteries	Check battery power
	Charger plugged in	Unplug charger
	Motor in freewheel mode	Re-engage the freewheel lever

9. SPECIFICATION

Model Reference	Monte Carlo 4
Dimension (L x W x H)	1168 x 558 x 779mm (46" x 22" x 35.4")
Weight(Kg),With battery	56.1 Kg / 123.6 lbs.
Without battery	45.1 Kg /94.7 lbs.
Propulsion motor	280W x 1
Battery	12V 34Ah x 2
Charger	DC24V 5A
Front Tyre	2.5-4 x 2
Rear Tyre	2.5-4 x 2
Driving System	Direct drive the rear wheels (with differential gear)
Brake System	Electromagnetic brakes
Control Method	By speed control lever
Top Speed (Forward)	6.4 km/h \ 4 MPH
Reverse	4 km/h \ 3 MPH
Climbing angle	10°
Cruising range (see note)	32km / 20 Miles
Min. turning radius	1625 mm (64”)
Ground clearance	55 mm (2.2”)
Max. load weight (including goods)	115 kg (250lbs)

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 75kg driver and a brand new fully charged battery by a constant driving speed at 6 km/h with 70% battery power discharged.

10. WARRANTY

9.1 VIN (SCOOTER INDENTIFICATION NUMBER)

Model	Monte Carlo

To ensure the correct after sales service and warranty service support, please write down the scooter serial number that is stuck on the back right-hand side of the frame.

VIN			
Motor serial #		Controller #	

9.2 WARRANTY CONDITIONS

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 Medicare Technology 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, replacement parts will be supplied free of charge.
   Note:This guarantee 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 by 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 scooter purchased at the full retail price. If you are unsure whether your power chair is covered, check with the service agent.
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.

Medicare Technology authorised Service Agent

Name
Address
Tel
Postcode

11. ACCESSORIES

A wide range of accessories are available for the Monte Carlo range including:

Batteries, Scooter capes, and Scooter Alarms

As well as the above, there are a number of general scooter accessories available from your Medicare Technology dealer

Your Monte Carlo scooter is a **Wheeltech** branded product

Wheeltech is a brand of Medicare Technology Ltd.

Medicare Technology is a high quality ISO 9001 and EN46001 certified Medical Device Manufacturer. All Medicare Technology medical devices are CE marked.

For more information contact:
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Great Britain HD6 1PT.
Tel: +44 1484 727301
Fax: +44 1484 727370
Email: enquiries@medicaretechnology.com
Web: www.medicaretechnology.com

Other products in the Medicare Technology range include:

Powered Wheelchairs

Manual Wheelchairs

Electrically Powered Wheelchairs

Mini-Scooters

Electric bathlifts

Grab Rails

Electric rise and recline Armchairs

Walking Canes and other mobility devices.