



## **EW-M34**

### **Owner's Manual**



**[www.ewheelsdealers.com](http://www.ewheelsdealers.com)**

**(888) 305-0881 Sales**

**(888) 571-2845 - Service**

-Read and follow all instructions, warning, and notes in this manual before attempting to operate your mobility scooter for the first time.

-If there is any additional information in this manual which you do not understand or require additional assistance for setup or operation, please contact your authorized provider.

-Your safety to operation of this product depends on whether you completely follow the instructions, cautions and warnings in this manual.

-These symbols below in this manual are used to identify warnings, notices, and operation instructions. All of them are very important to your safety. It is strongly recommended to read and understand them completely and carefully.

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**Warning!** – Failure to heed the warnings in this manual may result in personal injury.

**Caution!** – Failure to heed the cautions in this manual may result in damage to the power scooter.

-The mobility scooters combined the modern technology with contemporary styles, and are divided into two models as to their structure: integral and separated. Especially the ladder has a structure for quick assembly and disassembly that is convenient to be stores or placed at the trunk of your vehicle while traveling. We are certain that the design features, excellent performance and trouble-free operation of this product will ensure your daily life more convenient.

-For your safety, please ensure that you read carefully and follow strictly all instructions warning, and notes in this manual before attempting to operate your mobility scooter for the first time. These items are recommended for your benefit. Your understand is important for your safety to operate this scooter.

-Once you master how to operate and maintain your mobility scooter, it is sure that this product will give years of trouble-free service and enjoyment.

-We appreciate your questions, comments, and suggestions about this mobility scooter, especially its performance of safety and reliability, and the service from your authorized provider.



Free-Wheel and Drive Lever



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## Technical Specifications

Model	EW-M34
Weight Capacity	300LBS
Speed:	Up to 4.5 MPH
Distance:	10 miles per charge (distance varies on terrain, riders weight, road surface, etc.)
Electro-Mechanical Brakes:	Yes
Seat Size:	17" x 16"
Adjustable Armrests:	Yes
Headlights:	Yes (LED)
Electric Battery Gauge:	Yes
Drive Type:	Rear Wheel Drive
Under Deck Clearance:	2"
Power:	24V 12AH
Watts:	180 Watt
Motor Type:	Rear Transaxle
Amps:	12 AH Batteries
Volts:	24 Volts
Dimensions:	39" x 20" x 31-33" (LxWxH)
Floor Clearance:	2"
Front Basket:	Yes
Batteries:	X2 12 AH SLA Batteries
Throttle Type:	Delta Paddle Throttle
Can Charge Off Scooter:	Yes
Front Tire Type:	Solid Flat Free Tires
Rear Tire Type:	Solid Flat Free Tires
Charger:	Off-Board (Included)
Total Weight:	92 LBS
Heaviest Piece:	28 LBS
Total Number Of Pieces:	5
Cargo Box Storage:	10" x 20" x 10" (DxWxH)
Headlight:	LED Headlights
Rear lights:	Reverse Indicator Lights
Electric Horn:	Yes
Frame Warranty:	Lifetime
Drive Train Warranty:	2 Years
Electronics Warranty:	2 Years
Battery Warranty:	1 Year
Charger Warranty:	6 Months
FDA Certified:	Yes

# **Assembly:**

## **Installing the Seat Post**

- 1.) Place the seat post into the frame of the back half.
- 2.) Place the seat post securing pin through a hole in the silver seat post and through the black seat post holding frame.
- 3.) Tighten the post securing and stabilizing knob on to finish securing.



## **Installing the Seat**

- 1.) Install the seat post to the frame of the scooter.
- 2.) Slide the seat onto the seat post assembly.
- 3.) Install and tighten the armrests on both sides of the seat.



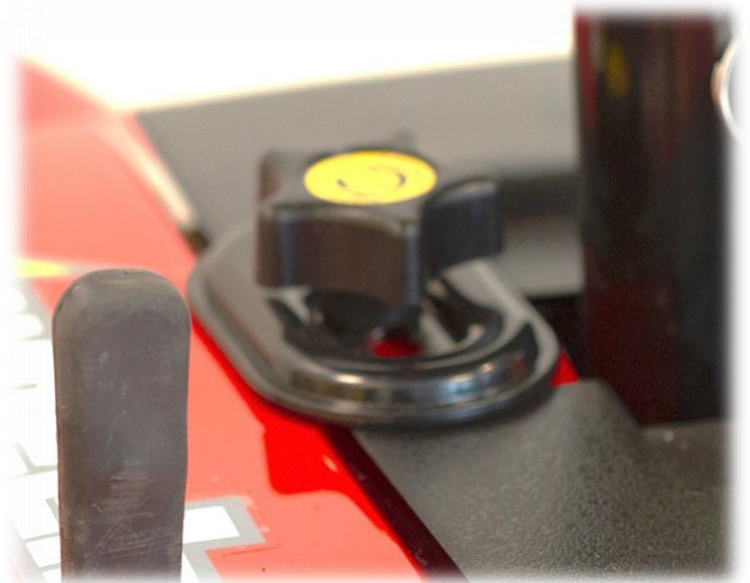
## Installing the Basket

- 1.) Unwrap basket from plastic
- 2.) Slide Basket onto handlebar bracket.
- 3.) Ensure the basket tab is locking the basket in place.



## Installing the Battery Pack

- 1.) Check that the battery securing knob is loose, and the battery securing plate is facing vertically with the body of the scooter.
- 2.) Place the battery pack on the scooter.
- 3.) Turn the battery securing plate horizontal over the top lip of the battery pack.
- 4.) Tighten down the battery securing knob.





## Front Half to Back Half Connection

- 1.) The scooter will come with the front and back half already connected. See steps for disassembly under disassembly section of manual.



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## *Main Scooter Components*

Battery Pack



Seat



Basket



Back Half



Front Half



## **Disassembly:**

Remove the basket, seat, and seat post the same way there were installed on the scooter. See below for steps of disconnecting the front half of the scooter from the back half of the scooter.

### **Steps for Frame Separation**

- 1.) Spin the securing washer for the power supply cable counter clockwise to loosen until it is loose from the threads.
- 2.) Pull the power supply cable out of the socket where it plugs into and set aside in a way that it will not get pinched when the frame pieces are separated.
- 3.) Pull the yellow grip of the release handle to separate the two frame components from each other. When reinstalling, make sure the black side frame guides line up.



# **Adjustments:**

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## **Warning!**

Pull out power key before making any adjustments; never do it while driving or with the scooter power turned on.

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## **Seat Height**

- Pull up the seating fixing bar to release the seat.
- Remove the seat from the seat post.
- Loosen the seat post securing and stabilizing knob.
- With one hand hold the silver seat post, and the with other hand remove the seat post securing pin.
- Adjust to desired position.

## **Seat Rotations**

- Pull up the seat lock lever to release the seat.
- Rotate the seat to the desired position.
- Release the seat lock lever and the seat will automatically lock in place.

## **Armrest Width**

- Find the armrest securing knobs on the frame of the seat where the armrest brackets attach to the scooter.
- Loosen the securing knob on the desired side.
- Adjust the armrest to the desired position.
- Retighten the armrest securing knobs.

## **Tiller Angle Adjustment**

- Loosen the front tiller securing knob.
- Adjust the tiller to the desired position.
- Retighten the tiller securing knob.

## **Charging and Battery Information:**

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### **WARNING!**

Your scooter must be charged with the off-board charger supplied by EWheels. Do not use aftermarket or automotive charger for you scooter.

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## **Charging Batteries with the Off-Board Charger**

- Position the scooter or the battery pack (if removed from the scooter) close to a standard wall outlet.
- Lift the charger port covering door on the battery pack.
- If installed on the scooter, ensure the scooter is turned off.
- Plug the charger cord into the batteries 3-pin charger port.
- Plug the charger cord into the standard wall outlet.
- The right light indicates the scooter is charging.
- When the recharge is completed, the charger light will turn green. You can continue to charge the battery for 1 to 2 more hours.
- It is not recommended to charge the batteries for more than 12 hours.
- When the charge is complete, unplug the charger from the standard wall outlet before unplugging the charger from the battery pack.
- The battery pack can be charged while on the scooter, or while removed.

## New Battery Usage

-Please follow the steps below to efficiently break-in the new batteries.

- Fully charge the new batteries prior to initial use. This allows for 90% battery performance upon first use.
- Move slowly at first, and do not travel too far until you are aware of the capable driving distance based on the battery indicator.
- Recharge the batteries again fully after first ride. This will allow over 90% battery performance on the following ride.
- After approximately four to five more charging cycles, the batteries will allow for 100% battery performance.

If the batteries need to be replaced, please call EWheels service department directly for replacement, or use the following specifications when purchasing replacement batteries.

<b><u>Type:</u></b>	Deep Cycle, Sealed Lead Acid OR Deep Cycle Gel-Cell Batteries
<b><u>Size:</u></b>	6" x 3.9" x 3.75"
<b><u>Voltage:</u></b>	12 Volts
<b><u>Capacity:</u></b>	12 AH (Amp Hours)

# Scooter Operation:

## Tiller Console

The tiller console houses all the controls needed to drive the scooter, including the key switch, speed adjustment knob, delta throttle lever, battery charge indicator, horn button and headlight button.

## Key Switch

Push the key into the key hole on the tiller and push downwards to turn on the scooter.



### **WARNING!**

Turn the scooter power off when stopped to avoid unintended motion that may occur by accidentally hitting the delta throttle.

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## Horn Button

- This button activates a warning horn when pushed.
- The horn will only sound when the button is being pushed.

## Delta Throttle Lever

This lever allows you to control the forward and reverse speeds of your scooter up to the maximum speed preset with the speed adjustment knob.

- Pull the ride side of the delta throttle lever towards you to disengage the brakes and make the scooter start moving forwards. Conversely, the scooter starts moving backwards if you push the right side of the delta throttle lever forwards.
- Pull the left side of the delta throttle lever towards you to disengage the brakes and make the scooter start moving backwards. Conversely, the scooter starts moving forwards if you push the left side of the delta throttle lever forwards.
- The more the delta throttle lever is pulled or pushed, the faster the scooter will travel.
- When you release the delta throttle lever completely, it automatically returns to the primary (stopped) position and engages the scooter's brakes to slow the scooter until it comes to a complete stop.

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### **WARNING!**



If your scooter experiences unintended motion, please release the delta throttle control immediately. The scooter will automatically come to a stop unless the lever is out of order.

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## **Speed Adjustment Knob**

This knob determines the top speed the scooter can travel when the delta throttle paddle fully pulled. The maximum forward speed is 4.5 MPH, and the maximum reverse speed is 2.2 MPH.



### **WARNING!**

Until you are completely aware of how the scooter operates and performs, keep the speed adjustment knob to the lowest position.

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## **Battery Charge Indicator**

- When the scooter is turned on, this indicator will show the remaining charge the scooter has. The green indicator lights show the current charge level. There are three different color ranges: red, yellow and green.
- Green – This is the full charge range for the scooter.
- Yellow – This is the half charge range for the scooter.
- Red – This is the low charge range.
- When the remaining battery lights are in the red range, we recommend recharging the scooter as soon as possible.

## **Headlight Button**

- Push the lights button to activate the headlights.
- Push the button again to turn off the headlights.

## **Overload Protector**

- The overload protector is a safety device.
- When an overload occurs, this protector automatically trips to protect the motor and other electronic devices.
- When the protector trips, the scooter will be powered down immediately.
- If tripped, wait at least one minute before pushing the button on the protector to turn the scooter power back on.
- The protector is located on the battery pack, right by the charger port.

## **Free-Wheel and Drive Lever**

- There is a lever underneath the seat (shown on page 3) that will allow for the machine's brakes to engage, or disengage.
- When the lever is towards the closed pad lock symbol, the electric brakes are engaged.
- When the lever is towards the open pad lock symbol, the electric brakes are disengaged and the machine can be pushed freely.



## **CAUTION!**

- 1.) When the scooter is in free-wheel mode, the brake system is disengaged, and the functions of the delta throttle paddle are inhibited by the control system. Meanwhile, the horn sounds while the power is on when in free-roll mode.
- 2.) Never use your scooter in free-wheel mode without your attachment. Failure to do so may cause personal injury.
- 3.) Never put your scooter in free-wheel mode on any incline or decline. Failure to do so may cause damage and personal injury.



## **WARNING!**

When trying to drive the scooter, the free-roll and drive lever must be in the drive position. If the lever is in free-roll mode, the braking system will not function and may cause personal injury or damage to the scooter.

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### **3-Pin Charger Socket**

- This socket is used to connect the charger.
- While the scooter is charging, the socket connection will not allow the machine do drive.



## **WARNING!**

A wrong connection may cause damages to the charger, connectors and electronics.

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### **Pre-Ride Safety Checklist**

- Check all electrical connections. Make sure they are tight and not corroded.
- Check the brakes. Make sure they are sensitive and reliable.
- Check the battery charge level.
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### **Recommend Scooter Maintenance Checklist**

Check Items	At Any Time	Weekly	Monthly	Every 6 Months
All Parts			<b>X</b>	
Turning, Driving, Devices		<b>X</b>		
Brakes	<b>X</b>			
Connections		<b>X</b>		
Battery Charge	<b>X</b>			
Tire Wear			<b>X</b>	
Motor(s)				<b>X</b>
Console Devices		<b>X</b>		
Cleanliness	<b>X</b>			

## **General Guidelines:**

- Avoid knock or bumping the tiller console and scooter components.
- Avoid exposure of your scooter to extreme conditions such as hot or cold temperatures and moisture.
- Keep the tiller console clean and dry.
- Check all connectors to ensure that they are tight and secured properly.
- Check all electrical connectors including the charger's connectors. Make sure they are all tight and are not corroded. Batteries must sit flat in the battery tray with the battery terminals facing each other; not backwards.
- When you are finished daily usage, please pull out the key to reduce unnecessary consumption of the power.
- This product has a power saving feature. When the scooter is powered on and has not been used for 20 minutes, the power will shut off automatically. To turn the scooter back on when this happens, remove and reinsert the key.
- The body shroud has been sprayed with a clear sealant coating, and you can apply a light coat of car wax to help it retain its high-gloss appearance.
- All wheel bearings are pre-lubricated and sealed. They request no subsequent lubrication.
- Always use discretion when operating your scooter. Do not subject the scooter to conditions you are unsure if it can perform in. If the conditions are questionable, do not attempt or damage to the scooter and personal injury may occur.
- This scooter is designed to hold only one rider. Do not attempt in any situation to put a second rider, even a child, on the scooter with you.

# **Safety Information:**

## **Weight Limitations**

- The scooter has a maximum weight capacity of 300 LBS. Do not under any circumstances exceed this weight capacity.



### **WARNING!**

Exceeding the weight limit voids your warranty and may result in personal injury and damage to your scooter.

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## **Incline Information**



### **WARNING!**

When climbing up an incline, do not zigzag or drive at an angle up the face of an incline. Drive your scooter straight up the incline.

This greatly reduces the possibility of a tip or a fall. Always exercise extreme caution when negotiating an incline.

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**WARNING!**

Don't drive up or down a potentially hazardous incline (areas covered with snow, ice, cut grass, wet leaves etc.).



**WARNING!**

Never drive down an incline backwards. This can cause personal injury and damage to the scooter.

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- The maximum incline capable for this scooter is 8°. If a slope is less than this angle, it is safe for your scooter to climb.



**WARNING!**

The maximum incline capable for this scooter is 8°. If an incline over this maximum rating is attempted, the scooter may tip or fail which can result in personal injury and/or damage to your scooter.

## Outdoor Driving Surfaces

- Your scooter is designed to provide optimum stability and performance under normal driving conditions-dry level surfaces composed of concrete, blacktop, asphalt, or hard dirt. Avoid driving on the following road:
  - 1.) Surfaces that you feel unsure about or soft pavement.
  - 2.) Tall grass that can become tangled in the running gear.
  - 3.) Loosely packed gravel and beach sand.

## Manual Freewheel Mode

- Your scooter is equipped with a manual freewheel lever that allows the scooter to be manually pushed by your attendant. For more information, please visit page 17-18.



### **WARNING!**

Do not use your scooter in manual freewheel mode without an attendant present. Failure to do so may cause personal injury.

### **WARNING!**

Do not attempt to place your scooter in manual freewheel mode while seated on it, or while on an incline. Personal injury may result.

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## Electromagnetic Interference

- Electrical devices may be affected by Electromagnetic Interference (EMI) or Radio Frequency Interference (RFI) that are produced by radio waves from radio stations TV stations and other radio transmitters. Like any electrical devices, your scooter may be affected by EMI/RFI, especially when your scooter is driven in the interference influence range of these radio transmitters. In this case, your scooter may be out of order due to their interferences.



### **WARNING!**

If unintended motion occurs due to EMI/RFI, please immediately return turn your scooter off and contact your authorized provider. We are not liable for any damage and/or injuries due to failure to do so.

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## When Transferring On Or Off Scooter

- To avoid an injury, follow the safety precautions below when you are getting on or off your scooter.
  - 1.) Remove the key from the key switch (ignition).
  - 2.) Ensure your scooter in not in the manual freewheel mode.
  - 3.) Flip up or move away the armrest.
  - 4.) Reduce the distance between you and the scooter.



**WARNING!**

Before transferring, position yourself as far back as possible in the scooter seat to prevent the scooter from tipping and causing injury.



**WARNING!**

Avoid putting all your weight on the armrests. Failure to do so may cause your scooter to tip or the armrest to break, resulting in personal injury or damage to the scooter.



**WARNING!**

Avoid putting all your weight on the footplate. Such use may cause your scooter to top, resulting in personal injury.

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**Inclement Weather Precautions.**

- Please understand and acknowledge all warning regarding weather conditions in the warning below.



**WARNING!**

Do not operate your scooter on slippery roads with ice or snow. Failure to do so may cause personal injury and affect the performance of you scooter.

**WARNING!**

Do not expose your scooter to any type of moisture at any time (rain, snow, mist or wash). Such exposure will damage your scooter. Never operate your scooter if it has been exposed to moisture until it has been dried thoroughly.

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All of design and production processes of this product are managed in accordance with ISO 9001 to guarantee their quality.

Any service will be performed by the authorized provider in cooperation with the service department.

# **Warranty:**

## **Three Year Limited Warranty**

Three (3) years from the date of purchase on all structural frame components; Seat post and frame.

## **One Year Limited Warranty**

One (1) Year from the date of purchase, if any part or electronic component of the scooter is found upon examination to be defective in material and/or workmanship, it will be replaced at E-Wheels' discretion.

The batteries are warranted by E-Wheels for 6 months after the purchase of the Unit.

Labor and service calls are NOT included: The purchaser is responsible for the delivery to the authorized repair facility. Satisfactory proof of purchase is always required for warranty service. Please contact the dealer/company from whom you purchased your E-Wheels product.

**SHIPPING - DOMESTIC:** Parts will be provided under warranty at no charge. All warranty items will be shipped via UPS Ground. Shipping fees will be at the expense of the purchaser.

**SHIPPING - INTERNATIONAL:** Parts will be provided under warranty at no charge, but shipping to any offshore and/or international location will be the responsibility of the purchaser. International and offshore end-users must contact E-Wheels directly to initiate the warranty process.

## **ONE-YEAR WARRANTY EXCEPTIONS**

**MOTOR:** In cases where there is an increase in the operational noise level, the warranty does not apply.

(An increase in operational noise level usually occurs due to excessive strain on the scooter).

**SERVICE:** Warranty service can be performed by E-Wheels or by an authorized service facility. Do not return faulty parts to E-Wheels without prior consent. A request for a Return Authorization is required prior to returning items. All transportation costs and shipping damage incurred while submitting units and/or parts for repair or replacement are the responsibility of the original purchaser.

**WARRANTY EXCLUSIONS:** This warranty is only given to the original purchaser of the Scooter.

This Warranty excludes:

Battery Charger: The charger carries a 6 month warranty.

Consumable items which may need replacing due to normal wear and tear (tires, tubes, belts, bulbs, upholstery and seating, throttle, brakes, motor brushes, fuses, plastic shrouds and footrest covers)

Damaged caused by: battery fluid spillage or leakage, abuse, misuse, accident, negligence, improper operation, excessive loading, maintenance, storage, commercial use, or use other than normal.

Used other than for the purpose of the purchaser's mobility.

Repairs and/or modifications made to any part of the scooter without specific and prior consent from E-Wheels.

Labor, service calls, shipping (including warranty claims), and other charges incurred for repair of the product are not approved by E-Wheels unless authorized.

Batteries: Batteries carry a limited warranty which is subject to a stringent wear and tear clause. Any battery faults due to a defect in the original manufacture will normally become obvious within the first two months of use. Any gradual deterioration in performance after this period is normally associated with fair wear and tear, misuse or accidental damage and as such is not covered by the manufacturer's warranty. There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one (1) year from the date of the original purchase and to the extent permitted by law. Any and all implied warranties are excluded. This is the exclusive remedy. Liabilities for consequential damages under any and all warranties are excluded

# **Safety Manual:**

## **Intended Use**

Your scooter is a recreational scooter and is to be used for improving mobility in your daily activities such as walking. It is not a medical scooter or medical and does not and is not intended to provide medical benefits, medical assistance, medical therapy, or treat or alleviate any medical condition or disability.

## **Quick-Start Warnings**

The below warnings and instructions caution against some activities. Reviewing this list is not a substitute for reading the entire Manual. Use common sense when operating your scooter.

- Do not disassemble your scooter on your own.
- Avoid touching hot parts of your scooter during or after operation.
- Avoid touching hot parts of your scooter that may have become hot from exposure to sunlight.
- Do not touch any chemicals in the scooter.
- Keep your hands and other body parts away from moving parts of the scooter.
- Do not operate the scooter with any loose clothing or dangling which wires which could become trapped in the wheels or other moving components of the scooter.
- Do not use any battery which is not approved by eWheels for use with your scooter.
- Do not allow children to play on the scooter or use it without supervision.
- Single-person scooters should only be used by one person at a time.

- Do not operate the scooter while under the influence of alcohol, drugs, or other medications which may impair your ability to operate a vehicle.
- Do not operate the scooter while using a mobile phone or other mobile device.
- Do not operate your scooter if it is not functioning properly.
- Never try to operate your scooter beyond the its limitations as described in the manual.

### **Size and Weight Limits**

Your scooter was designed to accommodate users up to a specified size and weight. As each scooter is designed and rated differently, ensure you check your particular scooter model's limits. Periodically check your weight against your scooter's limits, as your weight may fluctuate over time. Ensure other users of your scooter are within the weight limits. Operation of the scooter by a user over the weight limit can damage the scooter and can cause hazardous situations, including increased braking distances and times, decreased steering responsiveness, tip-overs, and other dangers which may cause injury. Further, modifications which increase the riding height of the scooter, which raise the user's riding height on the scooter, or which otherwise change the center of gravity of the scooter can damage the scooter and cause the hazardous situations identified above. eWheels is not responsible for damage to the scooter or personal injury caused by exceeding weight limitations or modifying the center of gravity of your scooter. Do not adjust your seat while the scooter is in motion or operating.

### **General Operation – Safety Belt**

If your scooter is equipped with a safety belt, use it all times when seated in the scooter. Do not operate your scooter without wearing the safety belt.



Have the belt replaced by an authorized repair technician if the safety belt becomes frayed, cut, or shows other signs of wear or damage.

### **General Operation - Mirrors**

If your scooter is equipped with mirrors, orient them so that you can see behind you. Orient the mirrors while sitting on the scooter but while the scooter is not moving and is not in operation. Never attempt to adjust the mirrors while operating the scooter. Proper orientation of the mirrors should allow you to see behind you and should minimize blind spots.

### **General Operation – Lights and Signals**

If your scooter is equipped with headlights and turn signals, use them. Using headlights at night, and even at day, increases your visibility to other vehicles. Using turn signals provides warning to vehicle and pedestrian traffic near you.

### **General Operation – Driving Outdoors**

Your scooter is designed to be driven on clean, even, dry surfaces. eWheels does not recommend you store your scooter outdoors. Your scooter is susceptible to damage to electronic, mechanical, or other components if exposed to water. If you are caught outside during inclement weather, seek shelter or ask someone for assistance.

Always ensure that the power is switched off when getting on or off the scooter. Never attempt to mount or dismount the scooter if it is operational or moving. Do not switch the power off when the scooter is still moving forward or in reverse. Always check that the variable speed switch is set to the desired speed setting. Always check that the desired direction of forward or reverse travel is selected when ready to drive.

### **General Operation – Public Roads**

Unless specifically permitted or authorized by the state, do not drive your scooter on public roads. If you need to drive along a public road, use the sidewalk adjoining the road. Always use care when driving near to or around public roads, as you may be less visible to motor vehicles when riding the scooter because of your smaller relative size and slower relative speed. Always be aware of state and local rules of traffic, and take those rules into account when operating your scooter; it is your responsibility to know those rules, obey them, and understand how other traffic will operate in accordance with such rules. eWheels recommends that you gain your first experiences with your scooter well away from public roads, so that you can learn and understand how the scooter operates and handles in a comfortable and quiet environment.

### **General Operation – Alternate Surfaces**

Do not drive your scooter onto stairs or escalators; serious injury will result. Do not attempt to drive your scooter onto stairs or escalators. Most elevators are safe for use with the scooter. When confronted with stairs or escalators, navigate to the closest elevator instead. Conduct a visual inspection and assess the quality and condition of the elevator before using it. Use care; some elevators have awkward entrance angles that can make ingress and egress difficult.

### **General Operation – Curbs**

Curbs generally are formed in two manners: abrupt, vertical curbs and gradual, smooth curbs. Your scooter cannot drive over or off of an abrupt, vertical curb. Do not attempt to do so, as this will cause serious damage to your scooter and likely injury to yourself. Do not drive over a curb or object exceeding 4 inches in height. Your scooter can drive over most gradual, smooth curbs. Approach such curbs head-on, so that the scooter is oriented perpendicular to the curb. Consistently apply speed over the curb until the rear wheels of the scooter

have moved just past the curb. Do not approach the curb at an oblique angle; doing so can increase the risk that your scooter tips over. Likewise, when moving down a curb, approach the curb perpendicular to it and not at an oblique angle. Avoid stopping completely when going over small objects, curbs, or other obstacles and obstructions.

### **General Operation – Incline Control**

Your scooter can handle a wide range of inclines and declines. The scooter is safe for operation on most handicap-accessible ramps. However, do not use the scooter on inclines of a degree which makes operation of the scooter difficult; if the scooter does not readily climb the incline, move off of the incline and/or ask for assistance. Likewise, do not use the scooter on declines of a degree which makes operation of the scooter difficult; if the scooter moves too quickly on an incline, fully apply the brakes, move off of the decline, and/or ask for assistance. eWheels recommends that you only use ramps which have a roughened surface to prevent slipping. Never drive in a transverse direction across an incline or turn sharply on an incline. Never drive in a reverse direction down an incline. Because the capability of your scooter to climb an incline or descend a decline depends on a number of factors, such as the scooter's specifications, your size and weight, the quality of the surface, and your personal setup of the scooter, eWheels does not guarantee the scooter's safety on a specific angle of incline or decline. However, eWheels does not recommend you use your scooter on inclines or declines greater than 10 degrees, while making no guarantees of performance and safety on angles less than 10 degrees.

### **General Operation – Cornering**

Always reduce your speed when making sharp turns. Always control your speed when cornering. As with any vehicle, maneuvering a corner at a high

speed increases the risk of tipping the scooter. You should maneuver at a speed which is reasonable for the scooter, its specifications and conditions, your size and weight, your angle of approach, the type of turn, and the surface conditions.

### **General Operation – Influences**

Do not operate the scooter while under the influence of alcohol, drugs, or other medications which may impair your ability to operate a vehicle. The scooter is heavy and can reach significant speeds, but even at low speeds it is dangerous to operate under the influence of alcohol, drugs, or other medications which may alter or impair your coordination, reaction time, reflexes, and other capabilities.

### **General Operation – Ingress and Egress**

Exercise care when moving onto your scooter. Ensure the scooter is braked on level ground and the switch is in the off position. Brace yourself against a sturdy piece of furniture, or use a cane or other walking assistive equipment. Use your upper body to assist your legs in lowering you onto the scooter seat. Move downwardly slowly. Apply and buckle the safety belt. Sit for a few minutes before operating the scooter. Also exercise care when moving off of your scooter. Ensure the scooter is braked on level ground and the switch is in the off position. Unbuckle the safety belt. Getting up quickly or the wrong way could lead to injury. Look around for a sturdy piece of furniture, or use a cane or other walking assistive equipment. Use your upper body to assist your legs in lifting you. Lift slowly and pause for a few moments if you feel unsteady. Stand for a few minutes before moving further.

### **Regular Maintenance**

Always check your scooter for normal operation, loose parts, and defects before operating. If you find a problem, have it repaired before operating.

Keep your scooter clean and dry. Do not use a high-pressure water sprayer to clean the scooter. If you wash your scooter, use a damp sponge or cloth, and dry the scooter thoroughly before operating. Do not immerse any components in water.

Always check your scooter for wear or damage to the tires before operating.

Keep tires inflated to their recommended tire pressure at all times. Regularly check tires for wear, cracks, nails, or other damage. Keep tires clean and replace them when damaged. Failure to maintain the tires at the recommended tire pressure will cause premature wear, and failure to maintain the tires could lead to damage or personal injury.

### **Use Within a Motor Vehicle**

Do not sit in or operate your scooter in a motor vehicle such as a train, bus, or large van. Stow or rack your scooter according to the motor vehicle's guidelines before entering or when entering the motor vehicle. Never sit in your scooter while it is on or in a motor vehicle which is operating or in motion.

### **Batteries**

Do not use automotive batteries with your scooter. Always charge your scooter's batteries in a well-ventilated area. eWheels recommends that you periodically charge your batteries, such as once a month, when your scooter is not in regular use. Ensure the switch is in the off position when the batteries are charged. Ensure that the power plug is inserted and plugged firmly into the battery during charging. Do not use an extension cord while charging the batteries. Do not use a battery which is cracked, leaking, or otherwise

damaged. Do not use your scooter if the battery is cracked, leaking, or otherwise damaged. Keep tools and other metal elements away from the contact terminals of the batteries. Remove the batteries when transporting your scooter.

### **Modifications to the Scooter**

Do not disassemble or modify your scooter on your own. Do not remove or disable any element or feature of your scooter. Do not modify the programmable controller governing the scooter's electric, electronic, and electro-mechanical operations. While there are a wide range of after-market products available to modify and alter scooters, some may make your scooter more dangerous to operate or may impair your ability to operate the scooter safely. eWheels makes no claim or warranty as to the safety, effectiveness, and operability of any aftermarket product added to your scooter, or as to any modification you make or have made to your scooter, which are not performed by eWheels or eWheels approved vendors. eWheels is not responsible for damage to the scooter or personal injury caused by disassembly, modification, or other alteration of your scooter.