

# Razor. Icon™

## ADULT ELECTRIC SCOOTER



**! NOTE:** The unit must be traveling at least 3 mph (5 km/h) before motor will engage.  
Kick to start to at least 3 mph (5 km/h) while applying the throttle to engage motor.

# OWNER'S MANUAL

**Read and understand this entire manual before using  
this product!**

**NOTE:** Manual illustrations are for demonstration purposes only.  
Illustrations may not reflect exact appearance of actual product.  
Specifications subject to change without notice.

Please have your product along with the 19 character product I.D. code with  
you before contacting support for assistance and/or replacement parts. Product  
I.D. Code: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

[www.razor.com/mx](http://www.razor.com/mx)

Hecho en China

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## INTRODUCTION: RAZOR® ICON™ ELECTRIC SCOOTER

**THE RAZOR ICON IS BASED ON THE LATEST COMMUTER SCOOTERS FOR ADULT USERS AND SHOULD ONLY BE RIDDEN CAREFULLY AND RESPONSIBLY BY APPROPRIATELY MATURE AND RESPONSIBLE RIDERS EXERCISING CAUTION AND RESPECTING APPLICABLE LAWS.**

The Razor ICON Scooter is part of a new generation of electric scooter mobility. Razor has years of experience as a leader in motorized scooter technology, and in making access to such technology more useful and appropriately available for mature riders in environments which present desirable opportunities for local travel and commutes – but which also, necessarily and importantly, can present additional levels of risk of accident due to use around cars, pedestrians and public streets.

The Razor ICON, therefore, is necessarily both similar to, and in many respects different from, previous scooters. This product is not a toy for young riders! Razor emphasizes, therefore, the importance of riders to understand the risks associated with using literally any wheeled product around vehicle or pedestrian traffic and the specific risks of riding an electric scooter. Bluntly put, you could get hurt and your actions could cause injury to others. You must be cautious, alert and take reasonable precautions to minimize such risks of falls, impacts or other problems.

Generally, the Razor ICON has longer battery life, multiple speed options (Easy Mode up to 6 mph (9.6 km/h), Normal Mode up to 12 mph (19.3 km/h) and Sport Mode up to 18 mph (29 km/h)), and a more efficient hub motor propulsion system which makes it more amenable to “commute” uses. The user must be, and is, responsible for determining whether local laws permit use of the Razor ICON in varying circumstances (there is no “uniform Federal law” in existence to establish universal riding conditions). The rider must be, and is, responsible for acting maturely, carefully, and with respect for local rules of the road when riding, and the rider must be, and is, responsible for assessing and minimizing effects of potentially adverse riding conditions including darkness or impaired visibility, fog, rain, snow, hail, ice or electrical storms, which increase dangers inherent in operating any scooter. The rider must be, and is, responsible for adjusting riding behavior and braking distance to suit the weather and traffic conditions, and also to recognize that riding in low visibility conditions decreases your ability to see and be seen, especially on public streets and around vehicles or pedestrians. The Razor ICON head- and tail-lights may reduce such risks, and riders also are encouraged to seek to enhance their visibility/conspicuity through use of higher visibility garments, lights or other reflective materials when riding in reduced visibility circumstances. Razor absolutely recommends that any rider wear a proper helmet to minimize potential head injuries.

Use of the Razor ICON scooter is recommended for mature riders -- using age 18+ (the generally recognized age of “legal consent”) as a guide, as do Razor’s Shared Scooters. Riders of the Razor ICON certainly must respect and adhere to all locally applicable laws and rules applicable to the use of such products.

## SAFETY WARNINGS

**⚠ WARNING:** Riding a Razor ICON does present potential risks and caution is required. Like any riding product, a Razor ICON has inherent hazards associated with its use (for example, falling off or riding it into a hazardous situation). Like any riding product, the Razor ICON can and is intended to move and it is therefore, of course, possible to lose control or otherwise get into dangerous situations. Riders must recognize that if such things occur, a rider can be seriously injured or die even when using safety equipment and other precautions. **RIDE AT YOUR OWN RISK AND USE COMMON SENSE.**

**⚠ WARNING:** Always check and obey any local laws or regulations which may affect the locations where the Razor ICON may be used. Keeping away from cars and motor vehicle traffic provides the highest protection against risk of traffic-related injuries, of course. For mature riders seeking to operate this product as legally permitted for commuting applications, the increased risks presented by traffic certainly emphasizes that the need for caution, personal responsibility and compliance with local laws is imperative and is the rider’s responsibility. Only use where allowed and with caution.

**⚠ WARNING: PARENTAL AND ADULT RESPONSIBILITY AND SUPERVISION IS NECESSARY TO ASSURE USE BY MATURE RIDERS:**

Because products, like the Razor ICON electric scooter, can and do present potential hazards plainly associated with their use, it is well recognized THE NEED FOR EXERCISE OF PARENTAL RESPONSIBILITY IN SELECTING RIDING PRODUCTS APPROPRIATE TO THE AGE OF A CHILD, OR PARENTAL SUPERVISION IN SITUATIONS IN WHICH CHILDREN OF VARIOUS AGES MAY HAVE ACCESS TO THE SAME RIDING PRODUCTS, IS IMPORTANT. Not every product is appropriate for every age or size of child, and different age recommendations are found within this category of product which are intended to reflect the nature of the hazards and the expected mental or physical ability, or both, of a child to cope with the hazards.

**⚠ WARNING: NOT FOR RIDERS UNDER AGE 18 OR HEAVIER THAN 220 LB (100 KG).** DO NOT EXCEED THE WEIGHT LIMIT OF 220 lb (100 kg) – including backpacks and other items that might be carried. Exceeding the weight limit could injure the rider and damage the Razor ICON. Rider weight alone also does not necessarily mean a person’s size is appropriate to fit or maintain control of the Razor ICON. Keep this product away from small children and remember that this product is not a toy and is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating the product.

# SAFETY WARNINGS

Razor recommends that children under the age of 18 not be permitted to use this product. This recommendation is based not just on age or weight or height; it reflects consideration of expected maturity and skills as well as physical size. The recommended rider age of 18 years or older is only an estimate and can be affected by the rider's size, weight, or skills – not every rider 18 years old or older will be suited to the product. Certainly, any rider unable to fit comfortably on the Razor ICON should not attempt to ride it, but **a parent's decision to allow his or her child to ride this product should be based on the child's maturity, skill, and ability to follow rules. Razor emphasizes that adults are strongly advised not to disregard Razor's recommendations or permit younger children to ride the Razor ICON.**

**Keep this product away from small children and remember that it is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating.**

Persons with any mental or physical conditions that may make them susceptible to injury, impair their physical dexterity or mental capabilities to recognize, understand, and follow safety instructions and to be able to understand the hazards inherent in the use of any ride-on product, should not use or be permitted to use products inappropriate for their abilities. Persons with heart conditions, head, back or neck ailments (or prior surgeries to these areas of the body), or pregnant women, should be cautioned not to operate such products.

**DO NOT EXCEED THE WEIGHT LIMIT OF 220 lb (100 kg). Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the Razor ICON.**

## CHECK AND MAINTAIN PRODUCT CONDITIONS

Before use, check to confirm that covers and guards are in place and in serviceable condition. Check that the brakes and lights are functioning properly, that the tires have sufficient tread remaining and are free of flat spots from wear. The product should be maintained and repaired in accordance with the manufacturer's specifications, using only the manufacturer's authorized replacement parts, and should not be modified from the manufacturer's original design and configuration.

## ACCEPTABLE RIDING PRACTICES AND CONDITIONS

Do not activate the throttle unless you are on the Razor ICON and in a safe, outdoor environment suitable for riding. **The electric scooter must be moving at least 3 mph (5 km/h) before the motor will engage.** Once the throttle is activated the Razor ICON will move forward.

The normal powered top speed of this product will be approximately 18 mph (29 km/h), which can be affected by conditions, such as rider weight, inclines and battery charge level. Avoid excessive speeds that can be associated with downhill rides.

Maintain a hold on the handlebars at all times. Do not touch the brakes or motor on your scooter when in use or immediately after riding, as these parts can become very hot.

Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

The Razor ICON is intended for use on flat, dry surfaces, such as pavement or level ground, without loose debris, such as sand, leaves, rocks or gravel. Wet, slick, bumpy, uneven or rough surfaces may impair traction and contribute to possible accidents. Do not ride your product in mud, ice, puddles or water. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Avoid sharp bumps, drainage grates, and sudden surface changes.

Do not attempt or do stunts or tricks. The Razor ICON is not made to withstand abuse from misuse, such as jumping, curb grinding or any other type of stunts. Racing, stunt riding, or other maneuvers also enhance risk of loss of control, or may cause uncontrolled rider actions or reactions.

Never allow more than one person at a time to ride the product.

Riding at night or when visibility is limited increases risks of accident or injury. Should the Razor ICON scooter be ridden in such conditions, use of lights and additional measures to increase rider visibility and scooter conspicuity are advised.

Never use near steps or swimming pools.

The Razor ICON electric scooter can operate more quietly than other motorized products may operate. Use care when in the vicinity of pedestrians or others who may have difficulty hearing your approach. Use handbell (not included) to sound warnings when appropriate.

Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with moving parts or wheels while the motor is engaged.

Do not touch electric motor or brakes when in use or immediately after riding.

Never use headphones or a cell phone to talk or text when riding.

**Never ride your product while under the influence of drugs or alcohol.**

Never hitch a ride with a vehicle.

## PROPER RIDING ATTIRE

Always wear proper protective equipment, such as an approved safety helmet (with chin strap securely buckled), elbow pads, and kneepads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt, and long pants are recommended. Always wear shoes and keep shoelaces tied and out of the way of the wheels and motor. Never ride barefooted or in sandals.

## USING THE CHARGER

The charger supplied with the product should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the product must not be charged until the charger has been repaired or replaced.

Use only with the recommended charger.

Use caution when charging.

The charger is not a toy. Charger should be operated by an adult.

Do not operate charger near flammable materials.

Unplug charger and disconnect from product when not in use.

Always disconnect from the charger prior to wiping down and cleaning your product with damp cloth.

**FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS FURTHER INCREASES RISK OF SERIOUS INJURY. USE AT YOUR OWN RISK AND WITH APPROPRIATE AND SERIOUS ATTENTION TO SAFE OPERATION. USE CAUTION.**

## BEFORE YOU BEGIN

Remove contents from box. Remove the separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents that may have occurred during shipping. Because your scooter was partially assembled and packed at the factory, there should not be any problems, even if the box has a few scars or dents.

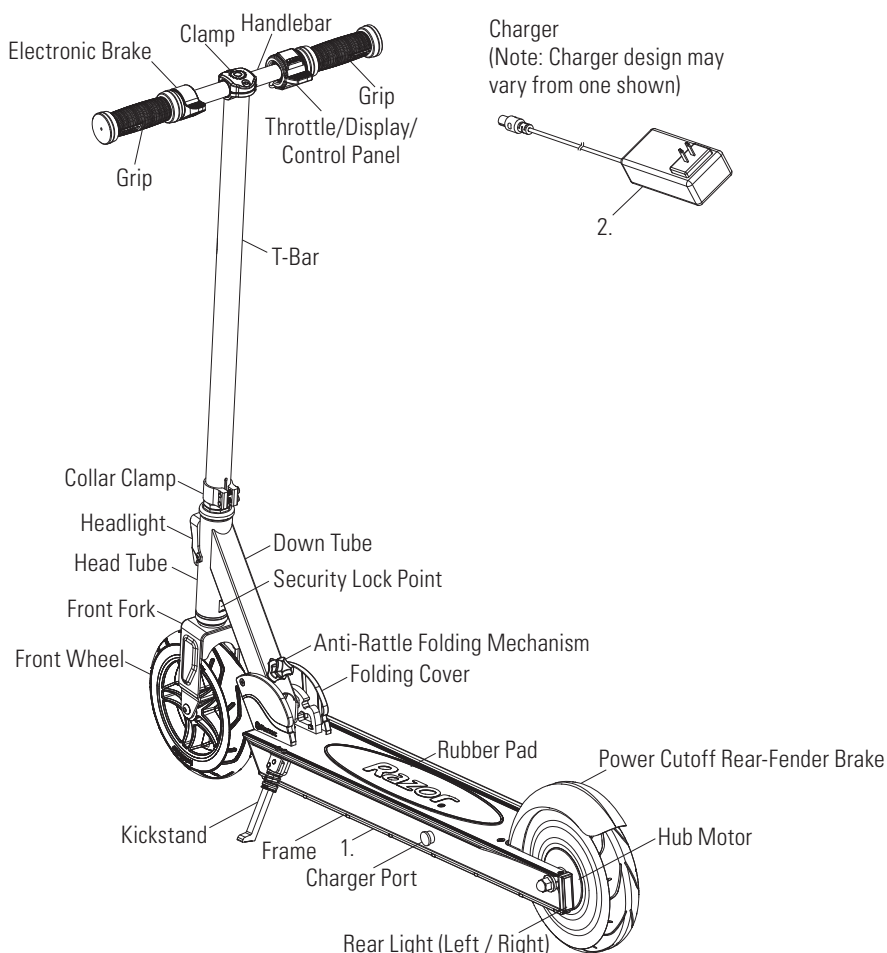
**MAKE SURE POWER SWITCH IS TURNED "OFF" BEFORE CONDUCTING ANY ASSEMBLY OR MAINTENANCE PROCEDURES.**

### Estimated Assembly and Set-Up Time

Razor recommends assembly by an adult.

Allow up to 15 minutes for assembly, not including initial charge time.

Allow up to 8 hours for charge (**see page 5 for charging information**).



### WARNING:

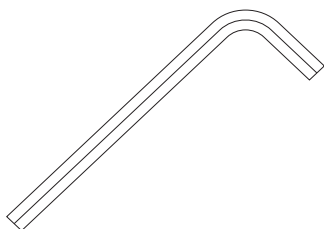
**DO NOT USE NON-RAZOR PARTS WITH YOUR RAZOR ELECTRIC SCOOTER.** Razor scooters have been built to certain Razor design specifications. The original equipment supplied at the time of sale was selected on the basis of its compatibility with the frame and all other parts. Certain aftermarket components may not be compatible.

**Note: Electric scooter must be moving at least 3 mph (5 km/h) while applying throttle to engage motor.**

**Product ID Locations:**  
(See locations to the left)

1. Side of Deck
2. Charger
3. UPC Side of Box (Not Shown)

### Required Tools and Parts



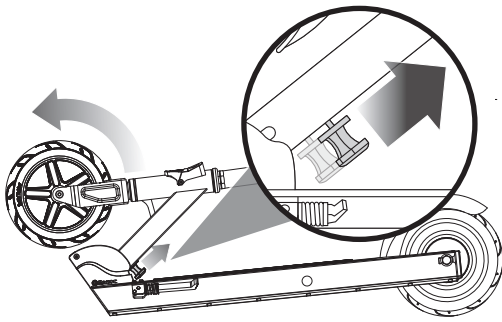
5 mm Allen Wrench (Included)

### Box Contents:

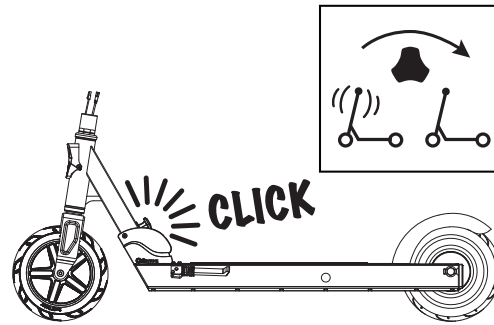
- Razor ICON
- Charger
- Owner's Manual
- 5 mm Allen Wrench

# ASSEMBLY AND SET-UP

## □ Unfolding the Scooter for First Time Use



**1** To release the folding mechanism, place the scooter on the ground. Pull the Anti-Rattle knob up to raise downtube. Turn knob completely counterclockwise then continue raising downtube until downtube is locked in the upright position.

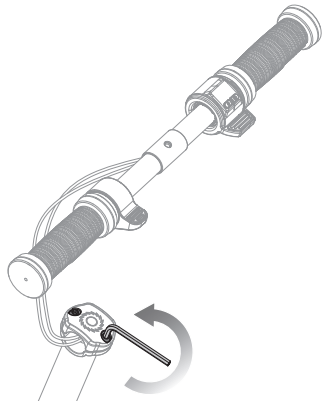


**2** Turn knob clockwise to tighten and engage the Anti-Rattle mechanism.

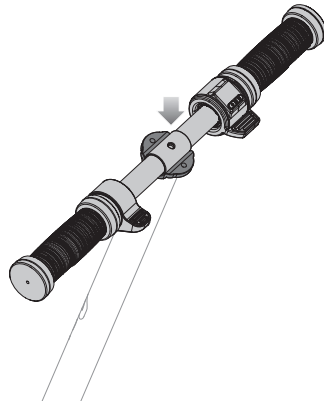
**⚠ WARNING:** Keep fingers clear of the folding mechanism when folding or unfolding the scooter. Make sure others are standing clear.

## □ Attaching the Handlebars

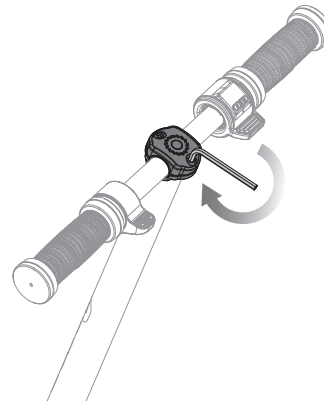
**Required Tool:** 5 mm Allen wrench (included)



**1** Using a 5 mm Allen wrench, remove the two (2) screws from the clamp and set aside.



**2** Place the handlebar assembly onto the clamp.

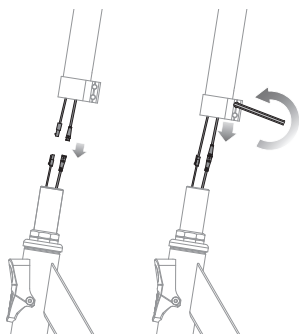


**3** Replace the top section of the clamp and using a 5 mm Allen wrench tighten the two (2) screws.

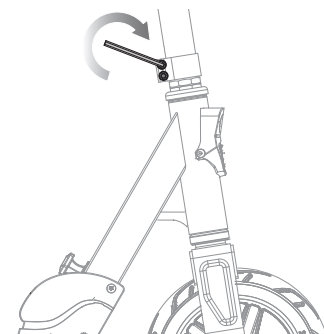
**Note:** When installing the handlebar, the electronic brake should be on the left and the throttle/display should be on the right when facing the deck.

## □ Attaching the T-Bar

**Tool Required:** 5 mm Allen Wrench (included)



**1** Join the connectors from the T-bar to the fork. Loosen the collar clamp on the T-bar with a side to side twisting motion, install the T-bar to the fork until it bottoms out on the headset locknut.



**2** With the front wheel pointed straight ahead and the handlebars square to the front wheel, tighten both bolts on the clamp with 5 mm Allen wrench. Tighten securely.

**⚠ WARNING:** Do not attempt to thread the stem into the front fork thread.

**Note:** Make sure any cables/wires are out of the way before inserting the stem into the fork.

**⚠ WARNING:** Failure to properly tighten the collar clamp may allow the handlebars to dislodge while riding and may cause you to lose control and fall. When correctly tightened, the handlebars will not rotate out of alignment with the front wheel under normal circumstances.

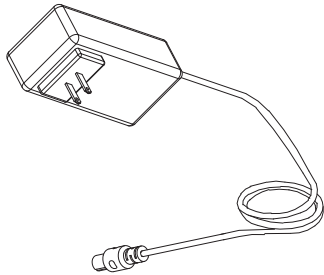
**Note:** The cable and wire assembly from the handlebar must not wrap around the steering tube or handlebar. Sharp bends or twisting of the brake cable can cause the brake to malfunction.

# CHARGING THE BATTERY

**Your Razor ICON may not have a fully charged battery; therefore you must charge the battery prior to use. Be sure to charge the battery in a clean, dry location away from direct sunlight, flames or sparks.**

- Initial charge time: 8 hours.
- Recharge time: up to 7 hours, even if the light turns green.
- Always charge the battery immediately after riding.
- Fully charge battery before storing for extended periods of time.
- Unplug charger from the wall outlet when not in use.
- Failure to recharge battery periodically may result in a battery that will not accept a charge.
- Make sure the power button is turned OFF when product is not in use. If the power button is left on for an extended period of time, the battery may reach a stage at which it will no longer hold a charge.
- Run time: Up to 60 minutes of continuous ride time. Run time may vary depending on riding conditions, rider weight, climate, and/or proper maintenance.
- Constant starting and stopping may shorten ride time.
- Battery life can vary depending on proper maintenance and usage of the product.
- Do not charge at or below 32°F (0°C).

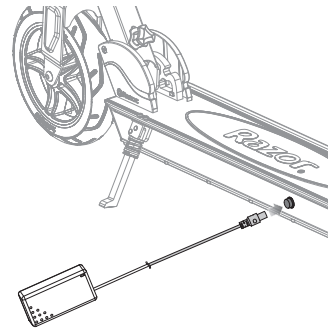
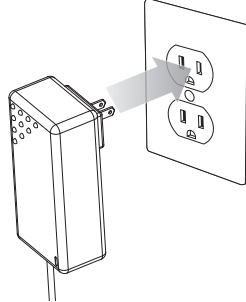
Charger



Charger  
(Note: Charger design may vary from one shown)

**1** Plug the charger plug into wall outlet. The light on the charger should be green.

**Note:** If green light (LED) does not turn on, try a different outlet.



**2 Note:** Make sure power button is in the **OFF** position. Plug the charger into the charger port. The light on the charger should turn red during charging. The light will turn green again when charging is complete.

**⚠ WARNING:** Use **ONLY** with the recommended charger. Batteries are only to be charged under adult supervision. The charger is not a toy. Always disconnect the charger before wiping down and/or cleaning the Razor ICON with a damp cloth.

The charger supplied with the Razor ICON should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the Razor ICON must not be charged until it has been repaired or replaced.

Chargers have built-in overcharge protection to prevent battery from being over-charged.

**Note:** If the charger gets warm during regular use, this is a normal response and is no cause for concern. If your charger does not get warm during use, it does not mean that it is not working properly.

Wall outlet - Green (stand by)  
Wall outlet and unit - Red (charging)  
Wall outlet and unit - Green (charged)

**Note:** Continue charging unit even if light turns green prior to 7 hours.

**⚠ WARNING:** Battery charge can deplete over time. Periodically recharge battery when not in use.

| Model      | Voltage<br>(Nominal) Vdc | Capacity<br>(Nominal) Ah | Charge<br>Temperature Range | Operating<br>Temperature Range |
|------------|--------------------------|--------------------------|-----------------------------|--------------------------------|
| Razor ICON | 36.5                     | 8                        | 0° to 40°C<br>32° to 104°F  | -20° to 40°C<br>-4° to 122°F   |

## PRE-RIDE CHECKLIST



### Lights

Check the head- and tail-lights for proper function. When you activate the lights (reference “How to Ride” on page 7 of this manual), the headlight and taillight should illuminate.



### Brakes

Check the brake options and brake lights for proper function. When you press the electronic brake (on handlebar) or step on the rear-fender brake, the brake should provide positive braking action and tail/brake light should illuminate. When you apply the brake with the throttle on/engaged, the brake cut-off switch should cut power to the motor.



### Wheels

Periodically inspect the wheels for excessive wear.



### Tires

Periodically inspect the tires for excess wear and replace as needed.



### Frame, Fork and Handlebars

Check for cracks or broken connections. Although broken frames are rare, it is possible for an aggressive rider to run into a curb or object and wreck, bend or break a frame. Get in the habit of inspecting your scooter on a regular basis.



### Hardware/Loose Parts

Before every ride, check all parts, such as nuts, bolts, fasteners, etc., to ensure they are secure and assembled correctly. There should not be any unusual rattles or sounds from loose parts or broken components. If the product is damaged, do not ride. **Reference “Safety Warnings” on pages 1 and 2 of this manual.**



### Safety Gear

Always wear proper protective equipment, such as an approved safety helmet (with chin strap securely buckled), elbow pads, and kneepads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt and long pants are recommended. Always wear shoes and keep shoelaces tied and out of the way of the wheels and drive system. **NEVER RIDE BAREFOOTED OR IN SANDALS.**



### Laws and Regulations

Always check and obey any local laws or regulations.



### Insurance

Do not assume that your existing insurance policies necessarily provide coverage for electric product use. Check with your insurance company for information regarding insurance.



### Storage

Prolonged exposure to UV rays, rain and the elements may damage the enclosure materials, store indoors when not in use.

# USAGE

## □ How to Ride

Do not activate the thumb throttle unless you are on the Razor ICON and in a safe, outdoor environment suitable for riding.

Put kickstand up.

Press the power button **(A)** for three seconds, the LEDs on the battery display will light up. Press the power button **(A)** for three seconds again to turn the unit off.

**Headlight:** To activate the headlight the product must be powered **ON**. Press the light button **(B)** once to activate the headlight. To deactivate the headlight, press the light button once again.

Get on the scooter and place both hands on the handlebars. Kick to start **(C)**, and then press down on the thumb throttle **(D)**.



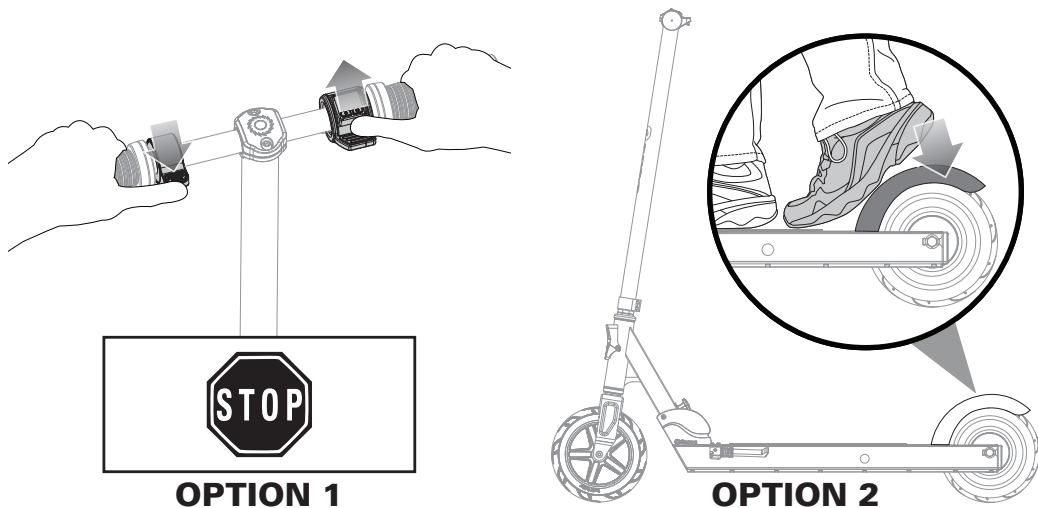
## □ How to Stop

For controlled stops, apply the brake by pressure on the rear-fender brake or electronic brake (on handlebar). Razor recommends that you practice applying the brake options at various speeds and in an open area free from obstructions before riding your scooter around others.

When the brake is applied the tail/brake light will glow brighter. The tail/brake light is always functional and independent of the other lights being activated.

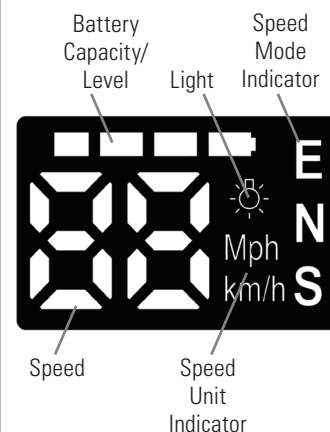
**Option 1** - Press the electronic brake (on handlebar), the power will cut off and then product will slow to a stop.

**Option 2** - Step on the rear-fender brake, the power will cut off and then product will slow to a stop.



**Note:** The Razor ICON electric scooter features **Regenerative Braking**. Regenerative braking is a means of recovering and converting kinetic energy into stored power. Using the scooter's electric motor, energy that is usually lost during deceleration and braking is captured and converted back to stored power extending run time and range. Regenerative braking only recovers a small amount of energy at a time but can be significant over the course of a full battery cycle. As always specifications and the amount of recovered regeneration varies with rider weight, terrain, and environmental conditions.

**Note:** Electric scooter must be moving at least **3 mph (5 km/h)** while engaging throttle to engage motor.



**Note:** If the scooter is stopped, and no button has been pressed for 5 minutes, the scooter will automatically shut down.

**⚠ WARNING:** The brakes are capable of skidding the rear tire and throwing an unsuspecting rider. Practice in an open area free from obstacles until you are familiar with the brake function. Avoid skidding to a stop as this can cause you to lose control and/or damage the rear tire.

**Note:** As an additional safety feature, the scooter is designed to cut power to the motor when the brakes are applied.

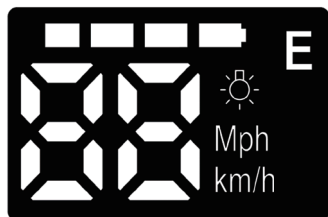
**Note:** Motor will re-engage, (without having to kick to start), if brakes are released and throttle is applied **before** scooter has slowed down to **under 3 mph (5 km/h)**.

**Note:** Practice riding only in wide open areas clear from curbs, parking blocks and other obstacles. Impacting the wheels against any hard surface can damage the wheels.

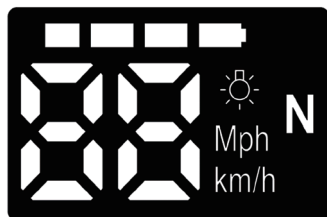
# USAGE

## □ Changing the Speed Mode

There are three modes for speed. The Razor ICON is set on the Sport (18 mph (29 km/h)) speed setting at the factory. Press power button to scroll through and select the speed mode.



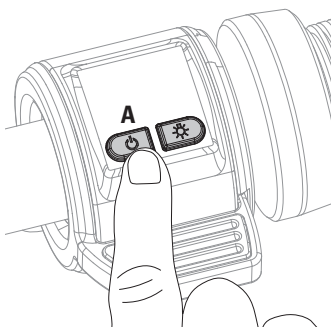
**1** The Easy mode max speed is up to 6 mph (9.6 km/h) as shown by an "E" on the display.



**2** The Normal mode max speed is up to 12 mph (19.3 km/h) as shown by an "N" on the display.



**3** The Sport mode max speed is up to 18 mph (29 km/h) as shown by an "S" on the display.



**Note:** The Razor ICON display default setting is in miles per hour (mph). If you would like to change the display setting to kilometers per hour (km/h), press the power button (A) three times quickly to select the preferred unit of speed. The set unit of speed will remain unless it is reset even if you power OFF then power back ON.

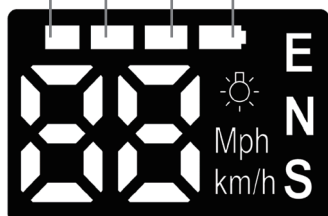
## □ Battery Power Level Indicator

**4 Indicator Lights** - Battery is sufficiently charged.

**2-3 Indicator Lights** - Charge product as soon as possible.

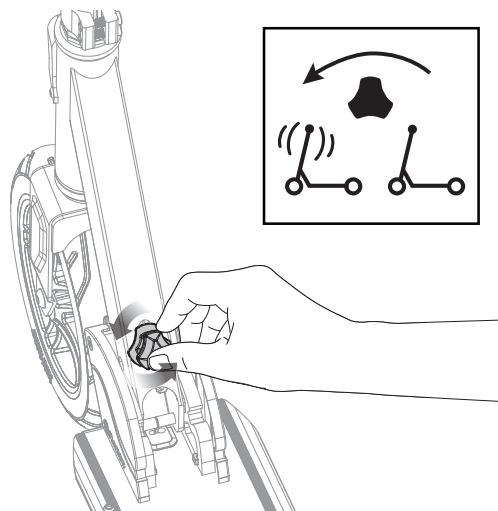
**1 Indicator Light** - Stop riding and charge product immediately.

**1 Light** 0-20% **2 Lights** 21-40% **3 Lights** 41-70% **4 Lights** 71-100%

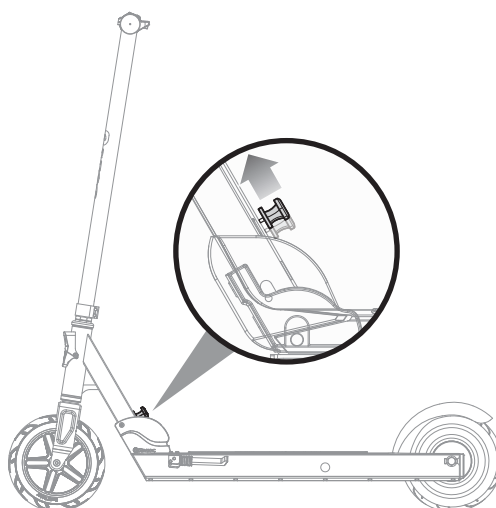


# USAGE

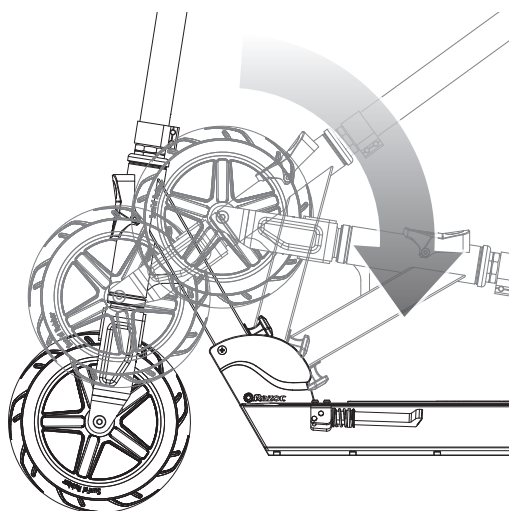
## ❑ Folding Scooter



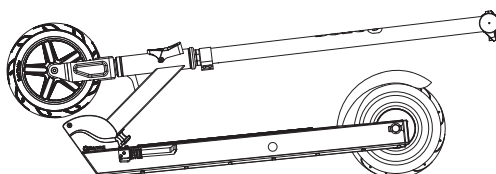
**1** To fold scooter you must first deactivate the Anti-Rattle feature. Turn the knob counterclockwise to loosen.



**2** Pull the Anti-Rattle knob up.



**3** Lower T-bar to fold.



**⚠ WARNING:** Keep fingers clear of the folding mechanism when folding or unfolding the scooter. Make sure others are standing clear.

# REPAIR AND MAINTENANCE

## Turn power switch "OFF" before beginning repair or maintenance:

- Read the instructions
- Remove charger plug
- Turn the power off
- Secure the product under repair
- Exercise caution around exposed parts
- Contact Razor customer service if unsure about any repair or maintenance
- Repair and maintenance should be performed by an adult only

**⚠ WARNING:** Risk of fire - no user serviceable parts.

## ☐ Cleaning Your Scooter

Wipe with a damp cloth to remove dirt and dust. Do not use industrial cleaners or solvents as they may damage the surfaces. Do not use alcohol, alcohol-based or ammonia-based cleaners as they may damage or dissolve the plastic components or soften the decals or decal adhesive.

## ☐ Battery Care and Disposal

Do not store in freezing or below freezing temperatures. To properly maintain your battery and ensure maximum battery life, carefully read the "Charging the Battery" section on page 5 of this owner's manual.



CONTAINS LITHIUM-ION BATTERY PACK. BATTERIES MUST BE RECYCLED.

**Disposal:** Your electric scooter uses a lithium-ion battery pack which must be recycled or disposed of in an environmentally safe manner. Do not dispose of a battery pack in a fire. The battery pack may explode.

Do not dispose of a battery pack in your regular household trash. The incineration, land filling or mixing of batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lithium-ion battery recycler.

## ☐ Charger

The charger supplied with the electric scooter should be regularly examined for damage to the cord, plug, enclosure and other parts and in the event of such damage, the product must not be charged until it has been repaired or replaced.

Use ONLY with the recommended charger.

Not intended for use at elevations greater than 2000 m above sea level.

## ☐ Wheels

Wheels and drive system are subject to normal wear and tear. It is the responsibility of the user to periodically inspect wheels for excess wear and replace hub motor components as required.

## Recycling Lithium-ion

**Batteries:** Lithium-ion batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

**Caution:** Do not handle damaged lithium-ion batteries.

# TROUBLESHOOTING GUIDE

\*Product(s) should be turned **OFF** and fully charged prior to doing any Troubleshooting.

**NOTE:** All troubleshooting steps should be performed by an adult only.

| Problem                      | Possible Cause                                                          | Solution                                                                                                                                                                                                  |
|------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Does not work out of the box | Unit must be traveling at least 3 mph (5 km/h) before motor will engage | Kick to start to at least 3 mph (5 km/h) while engaging throttle to engage motor.                                                                                                                         |
|                              | Undercharged battery                                                    | Check lights on charger:<br>Plugged into wall - Green<br>Plugged into wall & unit - Red (charging)<br>Plugged into wall & unit - Green (charging complete)<br>No lights/Blinking lights - Replace charger |
| No longer works              | No lights on charger                                                    | Check power to wall outlet and/or try a different outlet.                                                                                                                                                 |
|                              | Undercharged battery                                                    | Check lights on charger:<br>Plugged into wall - Green<br>Plugged into wall & unit - Red (charging)<br>Plugged into wall & unit - Green (charging complete)<br>No lights/Blinking lights - Replace charger |
|                              | Battery will not hold a charge                                          | Replace battery.                                                                                                                                                                                          |
| Short run time/runs slow     | Rider's weight                                                          | Do not exceed 220 lb. (100 kg) maximum weight limit.                                                                                                                                                      |
|                              | Riding conditions                                                       | Use only on flat, dry surfaces. Avoid inclines and areas with heavy debris.                                                                                                                               |
|                              | Battery not fully charged                                               | Charge product - refer to page 5 for charging information.<br>Replace battery.                                                                                                                            |
|                              | Old/damaged battery                                                     | Charge battery at least once a month when not in use.                                                                                                                                                     |

# TROUBLESHOOTING GUIDE

\*Product(s) should be turned **OFF** and fully charged prior to doing any Troubleshooting.

**NOTE:** All troubleshooting steps should be performed by an adult only.

| Display Error | Error Explanation                                    | Possible Solution                                          | Relevant Components  |
|---------------|------------------------------------------------------|------------------------------------------------------------|----------------------|
| E0            | Communication error between controller and throttle. | Check the connections between the controller and throttle. | Controller, Throttle |
| E1            | Faulty throttle.                                     | Check throttle connections.                                | Throttle             |
| E2            | Faulty e-brake.                                      | Check connection between e-brake and controller.           | E-brake              |
| E3            | Faulty motor.                                        | Check condition of motor and wires.                        | Motor                |
| E4            | Faulty controller.                                   | Check controller connections.                              | Controller           |
| E5            | Faulty controller.                                   | Check controller connections.                              | Controller           |
| E6            | Low voltage.                                         | Check connection between battery and controller.           | Battery, Controller  |

## FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**⚠ WARNING:** Changes or modifications to this unit not expressly approved by Razor USA, could void the user's authority to operate the equipment.

**NOTICE: INSURANCE**  
**YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR**  
**ACCIDENTS INVOLVING THE USE OF THIS SCOOTER/ELECTRIC**  
**RIDE-ON PRODUCT. TO DETERMINE IF COVERAGE IS PROVIDED,**  
**YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.**

**[www.razor.com/mx](http://www.razor.com/mx)**

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