

Q Electric Chariot Owner's Manual



Important Notes about Safe Riding

Your safety will depend on your commitment to always provide a safe riding environment and a properly maintained vehicle. As with any moving vehicle, there are possible safety risks. Be sure to heed to the following precautions.

1. Always equip yourself with suitable protective gear and riding apparel. Be sure you always wear a helmet, over-the-ankle footwear, eye protection, long pants, and a long-sleeved shirt while riding.
2. Never carry a passenger. This scooter is designed for an OPERATOR ONLY.
3. This scooter is designed to be operated only on flat, dry, paved surfaces. Never drive it off-road.
4. This scooter was not designed for racing or performing tricks.
5. Always obey local laws and regulations for operating scooters.
6. You must be familiar with scooter controls, maintenance requirements, and appropriate riding techniques. Read and understand the owner's manual provided with the scooter. Review all instructions and warnings.
7. Your safety depends in part on the good mechanical condition of the scooter. Be sure to follow the maintenance and adjustment requirements contained in this manual. Be sure you understand the importance of checking all items thoroughly before riding the scooter. Also, familiarity with the scooter is important, should a problem occur far from help.

We stand behind our products: All Rad2Go products are fully warranted to be free from defects in both parts and workmanship for a period of 30 days from the time of purchase.

NOTICE:

BY SIGNING BELOW YOU ARE AGREEING TO HAVE ANY DISPUTES ARISING OUT OF THE MATTER INCLUDING IN THE "ARBITRATION OF DISPUTES" PROVISION DECIDED BY NEUTRAL, BINDING ARBITRATION AS PROVIDED BY CALIFORNIA LAW, AND THAT YOU ARE GIVING UP THE RIGHTS YOU MIGHT POSSESS TO HAVE THE DISPUTE LITIGATED IN A COURT OR JURY TRIAL. BY SIGNING BELOW YOU ARE GIVING UP YOUR JUDICIAL RIGHTS TO DISCOVERY AND APPEAL, UNLESS THOSE RIGHTS ARE SPECIFICALLY INCLUDED IN THE "ARBITRATION OF DISPUTES" PROVISION. IF YOU REFUSE TO SUBMIT TO ARBITRATION AFTER AGREEING TO THIS PROVISION, YOU MAY BE COMPELLED TO ARBITRATE UNDER THE AUTHORITY OF THE CALIFORNIA CODE OF CIVIL PROCEDURE. YOUR AGREEMENT TO THIS ARBITRATION PROVISION IS VOLUNTARY.

You should feel free to consult an attorney before signing this limited warranty and liability agreement.

I have read and understood and agree to be bound by the limited warranty and liability agreement above and agree to submit disputes arising out matters included in the "Arbitration of Disputes" provision to neutral arbitration.

X _____ Purchaser's Signature

Date: ____/____/____

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS SCOOTER. TO DETERMINE IF COVERAGE IS PROVIDED, YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT

Safety Precautions

1. Review all the instructions carefully before operating the scooter.
2. Follow all rules and regulations in your area for operating an electric scooter.
3. Do not allow others to use the scooter without proper instructions.
4. Ride only in good weather and on smooth surfaces.
5. Remember always to operate your scooter with the proper safety gear and helmet.

Operating Reminders

1. The scooter works best on level ground. Use caution while going down an incline, such as a ramp. Excessive climbing will exhaust the battery rapidly.
2. Release the throttle before braking.
3. Your scooter has an electrical braking cutoff system. This means when you engage the brake, the throttle becomes inoperative.
4. Do not "ride" the brake.

5. The battery does not require or tolerate deep discharging. Charge the battery as often as is convenient. If you put your scooter in storage, re-charge it at least once every 90 days.
6. Do not leave your scooter in direct sunlight for an extended time.
7. Operate your scooter only in good weather; using your scooter in rain, snow, or other precipitation may result in damage to your scooter.
8. Do not jump curbs, do tricks, or ride on one wheel.
9. Obey the laws of the city in which you are operating your scooter.
10. You assume all responsibility while operating your scooter. The seller will assume no liability for misuse or operator negligence.

Specifications

Materials: ABS deck, Alloy Wheels, Steel Body
 Motors: 2 x 150 Watts, Hub Motors
 Box Dimensions: 29.5 L x 24.25 W x 48.25 H Inches
 Gross Weight: 130 lbs
 Net Weight: 108 lbs
 Maximum Speed: *10 Miles per Hour
 Maximum Travel Distance: *12 Miles
 Maximum Load Capacity: 250 lbs
 Brake: Handle activated rear wheel band brakes

* The maximum speed and travel distance will depend upon the riders' weight, and riding conditions.

THE EXPRESS LIMITED WARRANTY DESCRIBES HEREIN SHALL BE EXCLUSIVE AND THERE IS NO OTHER WARRANTY OR LIABILITY, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE AND WHETHER OR NOT OCCASIONED BY SELLER'S NEGLIGENCE. THERE IS NO IMPLIED WARRANTY OF MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THOSE EXPRESSLY STATED HEREIN.

If any provision in this agreement is held by an arbitrator or court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in any way.

PLEASE ACKNOWLEDGE THAT YOU HAVE READ AND UNDERSTAND EACH WARNING BY PLACING YOUR INITIALS IN THE SPACE PROVIDED BESIDES EACH ITEM.

- _____ This device does not conform to federal motor vehicle safety standards and is not intended for operation on public roads or highways.
- _____ Safety helmet, knee, and elbow pads, goggle and gloves, appropriate shoes and bright-colored clothing should be worn while operating a Rad2Go Electric Scooter to reduce the risk of potential injury.
- _____ Do not operate the Rad2Go Electric Scooter in traffic or on wet, frozen, oily, pitted or rough surfaces. Avoid potholes, surface cracks, obstacles, and riding at night.
- _____ Prior to each use the rider must check the tire pressure, brakes, and battery function.
- _____ Never use alcohol or drugs before operating a Rad2Go Electric Scooter. Not only will alcohol slow your reaction time and impair judgment, but in many jurisdiction rad2Go Electric Scooter are subject to the same laws governing driving under the influence as automobiles.
- _____ This product should not be used by minors without adult supervision.
- _____ High speed, jumping and trick maneuver are dangerous and may result in damage to or loss of control of the Rad2Go Electric Scooter, or other accidents.
- _____ Never permit a guest to ride your Rad2Go Electric Scooter without reading the Owner's Manual and all labels.
- _____ Rad2Go Electric Scooters should not be used by persons unwilling or unable to take responsibility for their actions.
- _____ Read all additional warnings and product instructions in the Owner's Manual and on safety labels before operating the Rad2Go Electric Scooter.
- _____ Modifications or alterations to the manufacture's original product or its components void all warranties.

Manufacture's Warranty:

1. Rad2Go, Inc., (HEREINAFTER REFERRED TO AS Rad2Go) expressly warrants that each of its products is free from defects in material and workmanship under normal operating conditions and according to proper use for a period of 30 days from the date of purchase.

2. In express consideration for purchaser's execution of the limited warranty and liability agreement, Rad2Go will repair or replace any part or component other than the tires of the Rad2Go Electric Scooter free of charge to the original purchaser who registers his/her Rad2Go Electric Scooter under the terms of the warrantee programs.

3. This warranty does not apply to tire wear, operation under abnormal circumstances or contrary to the requirements described in the owner's manual or damage to the vehicle brought on by improper use. Racing or competitive use shall void this warranty.

4. Warranty services may be obtained by contracting Rad2Go via telephone at (866) RAD2GO6, or by mail at 1320 Distribution Way, Suite B, Vista, CA 92081 or via e-mail sales@rad2go.com. State the specific nature and any circumstances leading to the problem. A service technician will contact you with specific instructions to ensure that you receive the best service for your scooter in the most economical way.

5. Purchaser herewith acknowledges:

a. That Rad2Go assumes not liability for any misuse or improper operation of Rad2Go Electric Scooters or Vehicles.

b. Under this limited warranty and liability agreement, Rad2Go shall have no obligation and the purchaser shall have no remedy against Rad2Go and its officers, agents or assigns for any damages, including but not limited to incidental, consequential, special, punitive damages arising from direct or indirect injury to person or property, or any other loss, whether or not occasioned by negligence or otherwise on the part of Rad2Go.

c. Purchaser acknowledges that there is an inherent risk in the operation of motorcycle, bicycles, mopeds, scooter, go-carts and all other Rad2Go products, and herewith assumes no risk of any injury arising from operation of any Rad2Go products.

6. Original owner as documented on the dealer warranty registration form will indemnify and hold Rad2Go harmless and take full responsibility for conveying all safety warnings, instructions and limited warranty if the unit is sold lent or otherwise transferred to other persons, and will indemnify Rad2Go from any claims against it for original owner's failure to do so.

First Time Set-Up

1. Remove the Q from its carton. The Q weighs over 100 lbs, so get help from a friend, and use care. Cut off any residual packing materials with a sharp knife or scissors.
2. Lift the steering column to its full upright position. Secure it with the included T-shaped bolt. Check that the folding steering column's pivot bolts are hand-tight. The pivot mechanism can be lubricated, as needed, with lithium grease or petroleum jelly.
3. The Q has been in transit and storage. You must charge the battery before riding it.
4. Tip the Q forward and inspect its underside. Use a pillow or other cushion to protect the headlight from damage. Identify the battery, wheels, steering linkage, and brakes.
5. Inspect the brake cable system. Follow the cable from the steering column to the pulley, and verify the brake cable is seated over the pulley. Have a friend squeeze the brake handle, and verify the brakes' function. The brakes should be tight enough to not allow the brake handle to touch the handgrip, when fully engaged.
6. Verify the rear wheels' alignment (90°) with the handlebars. Should the steering ever become "loose," or dis-associated, you may tighten the nut at the bottom of the steering column, using a large crescent wrench. The Q was manufactured with great care. Important bolted connections have been secured with thread-locking compound.

7. Return the Q to an upright position and complete its charging. The LED on the charger will shine steady green when charging is complete.

Insert the key in the Q key switch, and turn. The Q has an onboard Volt-meter, indicating the battery's approximate state of charge. It should indicate about 26 Volts when fully charged.

Basic Operation

1. Release the parking brake, by squeezing and releasing the brake handle.
2. Turn the key to the ON position.
3. A green light will appear, indicating a charged battery.

Note: If the light on your Q is yellow or red, you must charge your battery. See instructions on how to charge below.

4. Before operating your Q, check the following to make sure they are secure and intact:

Brake

Squeeze the Brake Handle and push the Q to see if it rolls easily. If it does, you will need to tighten the brakes. Tighten until the scooter will not move with the brakes applied.

Throttle

While the scooter is OFF, apply the Throttle and release. Check to make sure that the Throttle returns after release. Do not "snap" the throttle.

Tires

Check front tires for wear and pressure. Check rear tires for wear and alignment.

Rad2Go Electric Scooter Warranty

This Warranty Registration is to be completed by the dealer or customer at the time of purchase and submitted to Rad2Go, Inc., within 10 days of the date of purchase for warranty entitlement.

This warranty is void if the serial number or the safety warning labels on your Rad2Go Electric Scooter are altered, defaced, or removed. Modifications to your Rad2Go Electric Scooter or its components shall void this warranty.

Model: _____
Serial Number: _____
Date of Purchase: _____
Dealer Name: _____
Purchaser's Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone Number: () _____-_____

Definition: Normal operating conditions require routine care and maintenance by the purchaser of the Rad2Go Electric Scooter. Proper use means the vehicle is to be used only in the manner intended for personal transportation of a single rider with proper safety equipment as described in the Owner's Manual. Rad2Go Electric Scooters are intended for use only on safe, dry, smoothly paved or hard packed surfaces in accordance with local regulations, during daylight hours.

Purchaser's Responsibilities:

1. Read and understand the Owner's Manual and all product warnings before operating your Rad2Go Electric Scooter. Serious injury or death may result from improper operation or failure to observe warnings and safety instructions on any motorized scooter or vehicle.
2. Perform routine care and maintenance of your Rad2Go Electric Scooter as detailed in the Owner's Manual.
3. Modification of the Rad2Go Electric Scooter or its components voids this warranty.
4. The rider is responsible for learning and obeying all federal, state, and local laws governing the operations of Electric Scooters.
5. Always wear a helmet, knee and elbow shields, goggles, appropriate shoes and all other appropriate safety equipment when operating a motorized scooter.
6. The purchaser is responsible for all shipping charges incurred to facilitate repair of the scooter.

DOES NOT ASSUME OR AUTHORIZE ANYONE TO ASSUME FOR THEM ANY OTHER OBLIGATION. SOME STATES DO NOT ALLOW ANY LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LAST, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

RAD2GO ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO EXPENSE OF RETURNING THE RAD2GO PRODUCT TO AN AUTHORIZED SERVICE DEALERS AND EXPENSE OF DELIVERING IT BACK TO THE OWNER, MECHANIC'S TRAVEL, TIME, TELEPHONE, OR TELEGRAPH CHARGES, RENTAL OF A LIKE PRODUCT DURING THE TIME WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, OR INCONVENIENCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you also have other rights, which vary from state to state. This warranty applies to all Rad2Go Products manufactured by Rad2Go and sold in the United States.

Rad2Go Inc.
U.S. and International Patents and Trademarks Pending
374 Encinitas Blvd, Suite A
Encinitas, CA 92024

Re-Charging the Battery

1. Ensure that the key switch is in the OFF position.
2. Plug the charger cord into the scooter first and then plug the charger into a wall outlet.
3. Charge your scooter for 6-8 hours. The LED will be red during charging and once it is complete the LED will turn to green.

Do not overcharge the battery. This may reduce the life of your battery, by electrolysis (hydrogen emission). Unplug after 8 hours to avoid overheating.

Battery Care and Technical Information

The battery is a sealed lead-acid type, using a gel electrolyte. With normal use, it will last for well over 500 charge/discharge cycles.

Know that normal use means partial, not complete discharging. With "shallow" discharge cycles, using less than 30% of battery capacity, the battery can achieve up to 1,200 charge/discharge cycles.

It is good to charge the battery after each ride. A partial discharge will require less time on the charger.

The battery will eventually require replacement. Figures 1 and 2 below illustrate battery access and removal.

Within the zippered bag are 2 12V, 17Ah batteries.

Occasionally, due to the limits of materials' control in manufacturing, one battery will fail early. If this happens, it is possible to replace just one of the batteries. If performance is critical, or the batteries are old, then both batteries should be replaced at the same time.

Should the battery ever leak, do not touch the battery liquid solution, if you come in contact with the solution flush the affected area with water. If you must handle the battery, wear gloves.

Replace the battery if there are leaks, visible breaks or cracks. Dispose of the battery according to your state and local laws.

Adjusting the Height of the Handle Bar

1. Unclamp the Handle Bar Quick Release.
2. Lift the Handle Bar up or down, as needed so that the Handle Bar is at waist height; or adjust to the height that you feel comfortable and are in best control of your scooter.
3. Clamp the Handle Bar Quick Release to secure the Handle Bar.

Maintenance

1. Inspect your scooter before every use; check the brake, throttle, and tires. Make sure that all parts are in working order and are not damaged.
2. Clean your scooter regularly by wiping it down with a damp rag. This scooter is electric; exposure to water may permanently damage your scooter.

Troubleshooting Chart

Problem	Cause	Solution
The power light on the display panel does not light up when the Q is turned on.	1. Battery is discharged. 2. Loose connection inside the scooter.	1. Recharge your scooter. 2. Contact our tech support for further instruction.
The power display lights up but the Q does not work.	1. The Thumb throttle is not operating properly.	1. Replace the Throttle. Call Customer Service at to order a new Throttle.
When the Brake Lever is squeezed the Q does not stop.	1. The brakes have not been adjusted properly.	1. Contact our tech support at for further instruction
My Q is going slower, and slower. What is going on?	1. Low Battery 2. Battery is defective	1. Recharge your Battery for 6-8 Hours. 2. Replace Battery. Call Customer Service to order a new battery pack.

To Contact our tech support Toll free at (866)723-2466 or call Direct to (760) 632-5700 ext 110

Warranty

Rad2Go warrants each new Rad2Go product for thirty (30) days according to the following terms. This warranty extends to the original retail purchaser only and commences on the date of the original retail purchase.

Any part of the Rad2Go Product manufacture or supplied by Rad2Go and found in the reasonable judgment of Rad2Go to be defective in material or workmanship will be repaired or replaced by an authorized Rad2Go service dealer without charge for parts and labor. The Rad2Go Product including any defective parts must be returned to an authorized service dealer within the warranty period. The expense of delivering the Rad2Go Product to the factory or authorized service dealer for warranty work and the expense of returning it back to the owner after repair or replacement will be paid for by the owner. Rad2Go's responsibility in respects to claims is limited to making the required repairs or replacements and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any Rad2Go Product. Proof of date of purchase will be required by the dealer to substantiate any warranty claim. An authorized Rad2Go service dealer must perform all warranty work.

This warranty does not cover any Rad2Go Product that has been subject to misuse, neglect, negligence or accident, or that has been operated in any way contrary to the operating instructions as specified in the Rad2Go Owner's Manual. This warranty does not apply to any damage to the Rad2Go Product that is the result of improper maintenance or to any Rad2Go Product that has been altered or modified so as to adversely affect the product's operation, performance or durability or that has been altered or modified so as to change its intended use. This warranty does not extend to repairs made necessary by normal wear or by the use of parts or accessories which are either incompatible with the Rad2Go Product or adversely affect its operation, performance or durability.

Rad2Go reserves the right to change or improve the design of any Ra2Go product without assuming any obligation to modify any product previously manufactured.

ALL IMPLIED WARRANTIES ARE LIMITED DURATION TO THE THIRTY (30) DAYS WARRANTY PERIOD OR THIRTY (30) DAYS FOR PRODUCTS USED FOR ANY COMMERCIAL PURPOSE. ACCORDINGLY, ANY SUCH IMPLIED WARRANTIES INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, ARE DISCLAIMED IN THEIR ENTIRETY AFTER THE EXPIRATION OF THE APPROPRIATE thirty days OR THIRTY DAY WARRANTY PERIOD. RAD2GO'S OBLIGATION UNDER THIS WARRANTY IS STRICTLY AND EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS AND RAD2GO