



Pocket Rocket™



OWNER'S MANUAL

Read and understand this entire manual before riding!

Item Number:
155001

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SAFETY WARNINGS

! WARNING: Riding an electric motorbike can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric products, the Pocket Rocket can and is intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions. **RIDE AT YOUR OWN RISK AND USE COMMON SENSE.**

This manual contains many warnings and cautions concerning the consequences of failing to maintain, inspect or properly use your electric motorbike. Because any incident can result in serious injury or even death, we do not repeat the warning of possible serious injury or death each time such a possibility is mentioned.

APPROPRIATE RIDER USE AND PARENTAL SUPERVISION

This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics and assure that young riders are able to safely and responsibly use this product. Razor USA recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your children's vehicle to insure their safety.

The recommended rider age of 12 years is only an estimate, and can be affected by the rider's size, weight or skills. Any rider unable to fit comfortably on the Pocket Rocket should not attempt to ride it.

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.

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

DO NOT EXCEED THE WEIGHT LIMIT OF 220 pounds. Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the Pocket Rocket.

Do not touch the brake or electric motor on your electric motorbike when in use as they can become very hot.

Refer to the section on safety for additional warnings.

ACCEPTABLE RIDING PRACTICES AND CONDITIONS

Always check and obey any local laws or regulations which may affect the locations where the Pocket Rocket may be used.

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 Pocket Rocket is meant to be used only in controlled environments free of potential traffic hazards and not on public streets or sidewalks. Do not ride your electric motorbike in any areas where pedestrian or vehicle traffic is present.

Do not activate the speed control on the hand grip unless you are on the electric motorbike and in a safe, outdoor environment suitable for riding.

This bike was manufactured for performance and durability but is not impervious to damage. Jumping or other aggressive riding can over-stress and damage any product, including the electric motorbike. The rider assumes all risks associated with high-stress activity.

Be careful and know your limitations. Risk of injury increases as the degree of riding difficulty increases. The rider assumes all risk associated with aggressive riding activities.

Maintain a hold on the handlebars at all times.

Never carry passengers or allow more than one person at a time to ride the electric motorbike.

Never use near steps or swimming pools.

Keep your fingers and other body parts away from the drive chain, steering system, wheels and all other moving components.

Never use headphones or a cell phone when riding.

Never hitch a ride with another vehicle.

Do not ride the Pocket Rocket in wet or icy weather and never immerse the electric motorbike in water, as the electrical and drive components could be damaged by water or create other possibly unsafe conditions.

The Pocket Rocket is intended for use on dry surfaces such as pavement or flat, level ground without loose debris such as rocks or gravel. Wet, slick, bumpy, uneven or rough surfaces may impair traction and contribute to possible accidents. Do not drive the electric motorbike in mud, ice, puddles or water. Avoid excessive speeds that can be associated with downhill rides. Never risk damaging surfaces such as carpet or flooring by use of an electric motorbike indoors.

Do not ride at night or when visibility is limited.

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, long pants and gloves are recommended. Always wear athletic shoes (lace-up shoes with rubber soles), never drive barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

USING THE CHARGER

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

Use only with the recommended charger.

The charger is not a toy.

Always disconnect from the charger prior to wiping down and cleaning your electric motorbike with liquid.

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

BEFORE YOU BEGIN

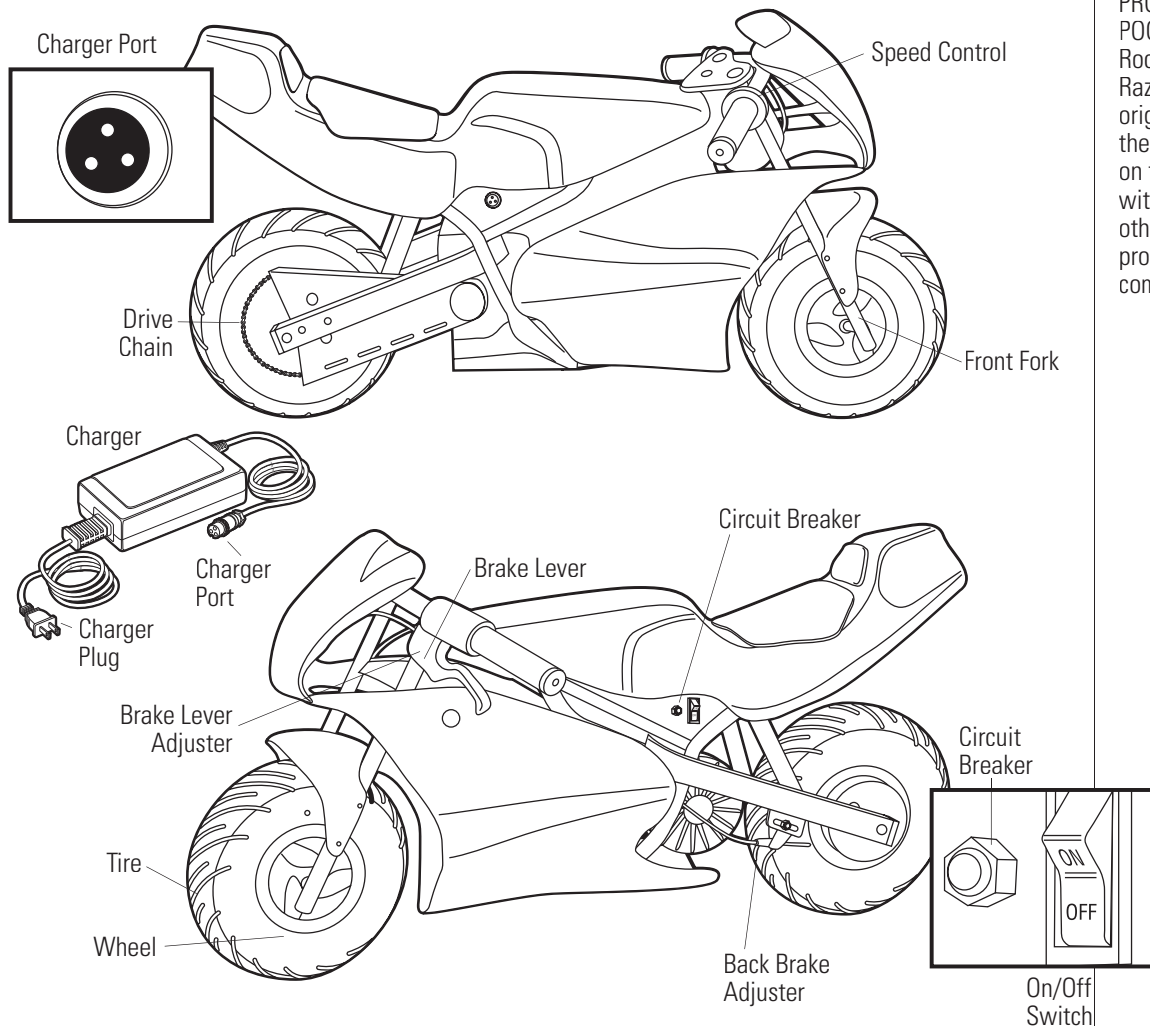
Remove contents from box. Remove the foam separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or kinked cables that may have occurred during shipping. Because the Pocket Rocket was 95 percent assembled and packed at the factory, there should not be any problems, even if the box has a few scars or dents.

Estimated Assembly and Set-Up Time

Razor recommends assembly by an adult with experience in bicycle mechanics.

Allow up to 30 minutes for assembly, not including initial charge time.

Allow up to 12 hours for initial charge (see page 3 for charging information).



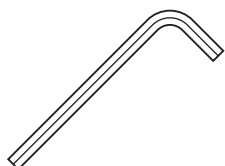
⚠ WARNING:

Do not use your Pocket Rocket for the first time until you have charged the battery for at least 12 hours. Failure to do so may damage your vehicle and void your warranty.

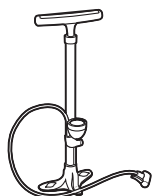
DO NOT USE NON-RAZOR PRODUCTS WITH YOUR RAZOR POCKET ROCKET. The Pocket Rocket has been built to certain Razor design specifications. The original equipment supplied at the time of sale was selected on the basis of its compatibility with the frame, fork and all other parts. Certain aftermarket products may or may not be compatible.

Required Tools

Some tools may be supplied; however, we recommend the use of mechanic's grade tools. Use the supplied tools only as a last resort.



4mm and 5mm hexagonal key wrenches (included)



Bicycle-style tire pump for Schrader valve tires, with pressure gauge

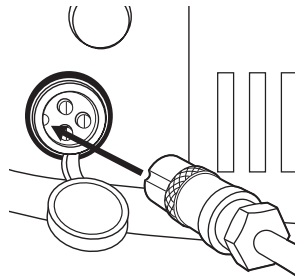
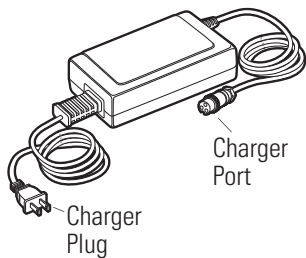
Need Help? Visit our web site for updates and a list of authorized service centers at www.razor.com or call toll-free at **866-467-2967** Monday - Friday 8:00 AM - 5:00 PM Pacific Time.

ASSEMBLY AND SET-UP

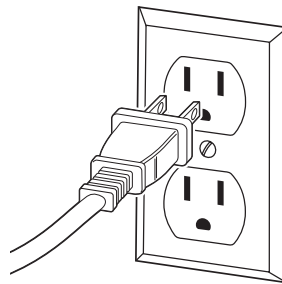
Charging the Battery

Your electric motorbike may not have a fully charged battery; therefore it is a good idea to charge the battery prior to use.

- Initial charge time: 12 hours
- Recharge time: up to 8 hours, depending on the level of depletion
- Run time: up to 40 minutes
- Average battery life: 250 charge/discharge cycles



1 Plug the charger port into the port on the electric motorbike. The charger works with the power switch in either the on or off position.



2 Plug the charger plug into a wall outlet.

⚠ WARNING:

Always disconnect your electric motorbike from the charger before cleaning with liquid.

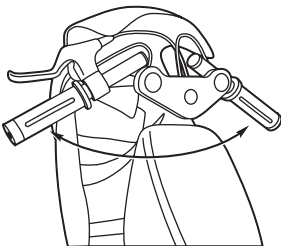
Note: If your charger does not look like the one illustrated, your unit has been supplied with an alternative charger. The specifications and charging procedure would not change.

The charger has a small window with one LED or two LEDs to indicate the charge status. Refer to the illustration on the charger unit for the actual "charging" and "charged" status indications for your model charger.

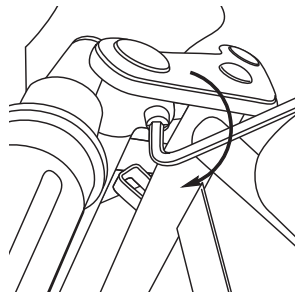
Chargers have built-in over-charge protection to prevent battery from being over-charged.

Be sure to properly align the groove on the charger input plug with the corresponding socket on the case; otherwise, no charging action will occur.

Attaching the Handlebars

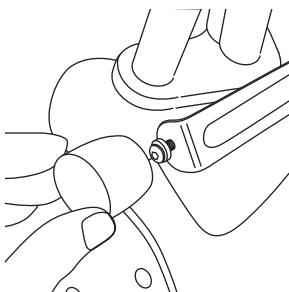


1 Swing the handlebars outward as shown. You may have to loosen the clamps to allow the bar to pivot on the fork.

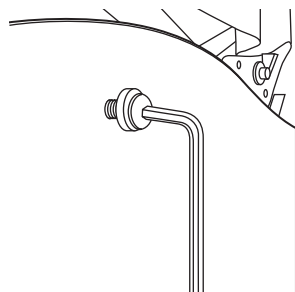


2 Using a 5mm hex key wrench, tighten both the left and right side handlebar clamps by turning the screws clockwise. When properly tightened, the handlebars cannot be twisted out of alignment.

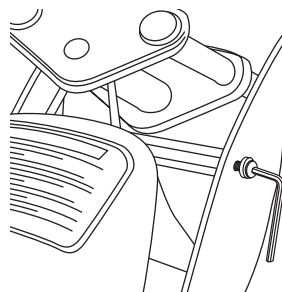
Attaching the Fairing



1 Remove two rubber protectors from fairing mount. Remove two button head screws with rubber washers from both sides of fairing mount.



2 Position the fairing and align holes with holes in fairing mount. Attach fairing to mounting points and secure with screws.



3 If you have trouble aligning holes, put one screw in place loosely and maneuver opposite side into position. Tighten all screws.

⚠ WARNING:

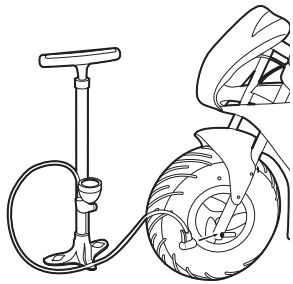
Failure to properly tighten both sides may cause the handlebars to dislodge while riding and may cause you to lose control and fall. When correctly tightened, the handlebars will not rotate out of alignment under normal circumstances.

ASSEMBLY AND SET-UP

Inflating the Tires

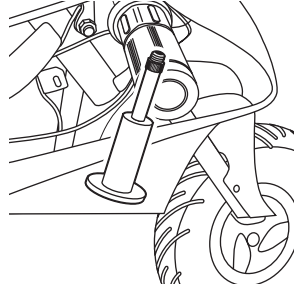
Tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase.

Front Tire

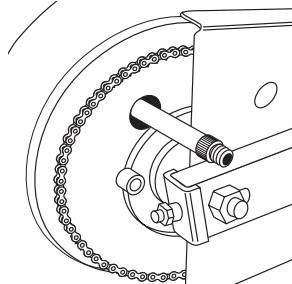


1 Using a bicycle-style tire pump equipped for a Schrader-type valve, inflate the front tire to the PSI indicated on the sidewall of the tire.

Rear Tire



1 Remove valve extender/adaptor from right handgrip.



2 To inflate the rear tire align the access hole in the drive sprocket with the tire valve. Thread the adapter completely onto the valve and attach the pump and inflate to the psi indicated on the tire sidewall.

! WARNING:

Do not use the Pocket Rocket for the first time until you have inflated the tires to the correct PSI. Failure to do so may damage your vehicle and void your warranty.

Note: The pressurized air supplies found at gasoline stations are designed to inflate high-volume automobile tires. If you decide to use such an air supply to inflate your tires, first make sure the pressure gauge is working, then use very short bursts to inflate to the correct PSI. If you inadvertently over-inflate the tire, release the excess pressure immediately.

Testing the Brake

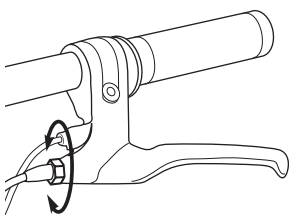
To use the brake, squeeze the lever to increase the pressure on the brake. The brake lever is fitted with a cable adjuster to compensate for cable stretch and/or to fine-tune the lever movement to brake engagement. If brake is not engaging properly, follow instructions for adjusting the brake outlined below.

REPAIR AND MAINTENANCE

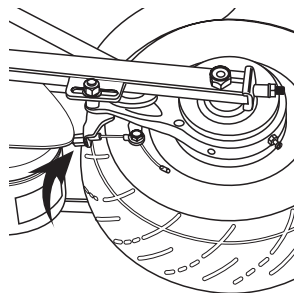
Check the Razor web site for any updates on the latest repair and maintenance procedures.

Turn power switch off before conducting any maintenance procedures.

Adjusting the Brake



1 To adjust the play, thread the brake lever adjuster in or out 1/4 to 1/2 turn until the desired brake adjustment is attained. Most adjustments are complete at this step. If brake still needs further adjustment, proceed to step 2.



2 If the brake lever adjuster is threaded outward and the brake still has too much slack, use the back brake adjuster at the rear brake for additional adjustment.

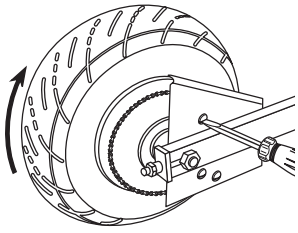
! WARNING:

The brake is capable of causing the electric motorbike to skid the tire 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 or damage the rear tire.

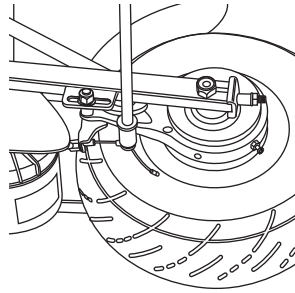
REPAIR AND MAINTENANCE

Chain and Rear Tire Replacement

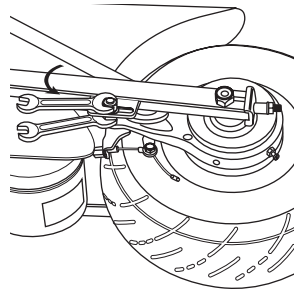
Tools required: 10mm wrench, two (2) 8mm wrenches, and two (2) 17mm wrenches.



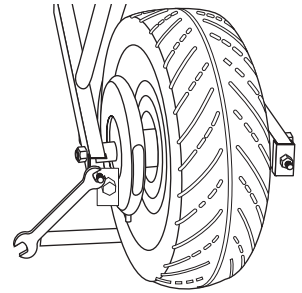
1 Loosen screws and remove chain guard.



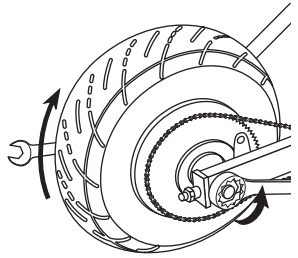
2 With a 10mm wrench, loosen the brake cable anchor and disconnect the cable.



3 With two 8mm wrenches, loosen brake housing anchor and disconnect. Keep the spacer and washers together.

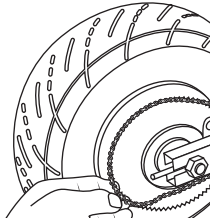


4 Loosen and remove both axle adjuster nuts.

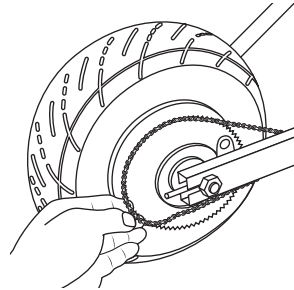


5 With two 17mm wrenches, loosen the axle. Push the wheel forward to loosen the chain and remove from rear and front sprocket.

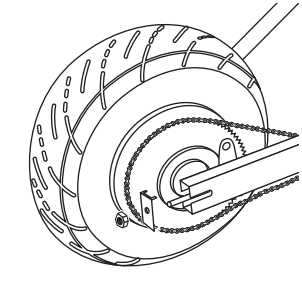
Note: Your hands will get greasy doing this.



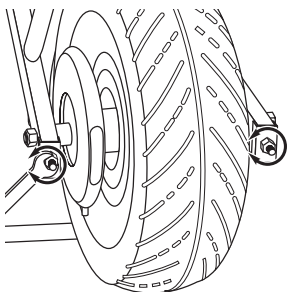
6 Pull the wheel out. Note the arrangement of the hardware sequence.



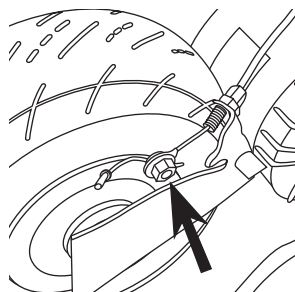
7 Install the new chain or wheel by slipping the chain around the axle. Slide the axle into the slots on the frame. Maneuver the chain onto the rear sprocket and front sprocket.



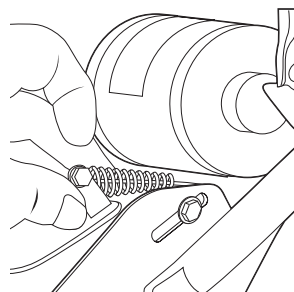
8 Slide rear frame cap on axle adjuster bolt.



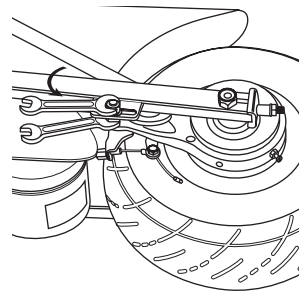
9 Start screwing on both nuts alternating 1/8 to 1/4 turn at a time until chain is properly tensioned.



10 To hook up the brake housing anchor, align the cable guide adjuster and install the spacer and bolt. Do not tighten until final step.



11 Install the brake spring and thread the cable wire into the cable anchor. Thread the cable to its original position and tighten securely.



12 Tighten the brake housing anchor securely. Re-attach the chain guard. Test ride and check. Readjust as needed.

REPAIR AND MAINTENANCE

❑ Chain and Sprocket

The chain will typically have a "loose spot" and "tight spot" corresponding with a particular sprocket rotational position. This is normal and common to all chain-driven vehicles due to run-out tolerances of the freewheel and sprocket. The chain should be adjusted to the ideal tension with chain in the tightest spot.

Proper chain alignment must be maintained. The wheel must not be skewed. If the chain is noisy or rough running, check the lubrication, tension and alignment of the sprockets, in that order.

❑ Battery Care and Disposal

Do not store the battery in temperatures above 75° F or below -10° F.



CONTAINS SEALED LEAD ACID BATTERY. BATTERY MUST BE RECYCLED.

Disposal: Your Razor product uses sealed lead-acid batteries which must be recycled or disposed of in an environmentally sound manner. Do not dispose of a lead-acid battery in a fire. The battery may explode or leak. Do not dispose of a lead-acid battery in your regular household trash. The incineration, land filling or mixing of sealed lead-acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lead-acid battery recycler or a local seller of automotive batteries. If you live in Florida or Minnesota, it is prohibited by law to throw away lead-acid batteries in the municipal waste stream.

❑ Charger

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

Use ONLY with the recommended charger.

❑ Replacement Parts

The most frequently requested replacement parts (wheels, tires, tubes, batteries and chargers) are available for purchase at some Razor retail partners or online at www.razorama.com. For other parts contact an authorized Razor repair center.

❑ Repair Centers

For a list of authorized Razor repair centers:

- Check online at www.razor.com.
- Send an e-mail to customerservice@razorusa.com or call 866-467-2967 for the center nearest you.

⚠ WARNING:

To avoid a pinch or injury, keep fingers away from moving sprockets and chain.

⚠ WARNING:

If a battery leak develops, avoid contact with the leaking acid and place the damaged battery in a plastic bag. Refer to the disposal instructions at left. If acid comes into contact with skin or eyes, flush with cool water for at least 15 minutes and contact a physician.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Vehicle does not run	Undercharged battery	<p>Charge the battery. A new battery should have been charged for at least 12 hours before using the vehicle for the first time and up to 8 hours after each subsequent use.</p> <p>Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and that the charger is plugged into the wall.</p> <p>Make sure power flow to the wall outlet is on.</p>
	Charger is not working	You may check to see if your charger is working by using a volt meter or asking your local Razor authorized service center to test your charger for you.
	Loose wires or connectors	Check all wires and connectors to make sure they are tight.
Vehicle was running but suddenly stopped	Tripped circuit breaker	<p>Wait a few seconds and push the breaker to reset the circuit.</p> <p>An excessive overload, such as too heavy a rider or too steep a hill, could cause the motor to overheat. Replace the fuse with a new one of equal amperage. Correct the conditions that caused the fuse to burn out and avoid repeatedly burning out fuse.</p>
	Motor or electrical switch damage	Contact your local Razor authorized service center for diagnosis and repair.
Short run time (less than 30 minutes per charge)	Undercharged battery	<p>Charge the battery. A new battery should have been charged for at least 12 hours before using the vehicle for the first time and up to 8 hours after each subsequent use.</p> <p>Check all wires and connectors. Make sure the battery connector is tightly plugged into the charger connector, and that the charger is plugged into the wall.</p> <p>Make sure power flow to the wall outlet is on.</p>
	Battery is old and will not accept full charge	Even with proper care, a rechargeable battery does not last forever. Average battery life is 1 to 2 years depending on vehicle use and conditions. Replace only with a Razor replacement battery.
	Brake is not adjusted properly	Refer to brake adjustment instructions on page 4 of this manual.
Vehicle runs sluggishly	Driving conditions are too stressful	Use only on solid, flat clean and dry surfaces such as pavement or level ground.
	Tires are not properly inflated	The tires are inflated when shipped, but they invariably will lose some pressure between the point of manufacturing and your purchase. Refer to instructions on page 4 of this manual to properly inflate tires.
	Vehicle is overloaded	Make sure you do not overload the vehicle by allowing more than one rider at one time, exceeding the maximum weight limit, going up too steep a hill or towing objects behind the vehicle. If the vehicle is overheated, the temperature circuit protector will slow motor down and if the condition continues, will shut off power to the motor. Correct the driving conditions that caused the overheating, wait 5-10 minutes and then resume riding. Avoid repeatedly overheating the unit.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Sometimes the vehicle doesn't run, but other times it does	Loose wires or connectors	Check all wires around the motors and all connectors to make sure they are tight.
	Motor or electrical switch damage	Contact your local Razor authorized service center for diagnosis and repair.
Charger gets warm during use	Normal response to charger use	No action required. This is normal for some chargers 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.
Vehicle does not stop when applying the brake	Brake is not adjusted properly	Refer to instructions on page 4 of this manual to properly adjust brake.
Vehicle makes loud noises or grinding sounds	Chain is too dry	Apply a lubricant such as 3 in 1™ or Tri-Flow™ to the chain.

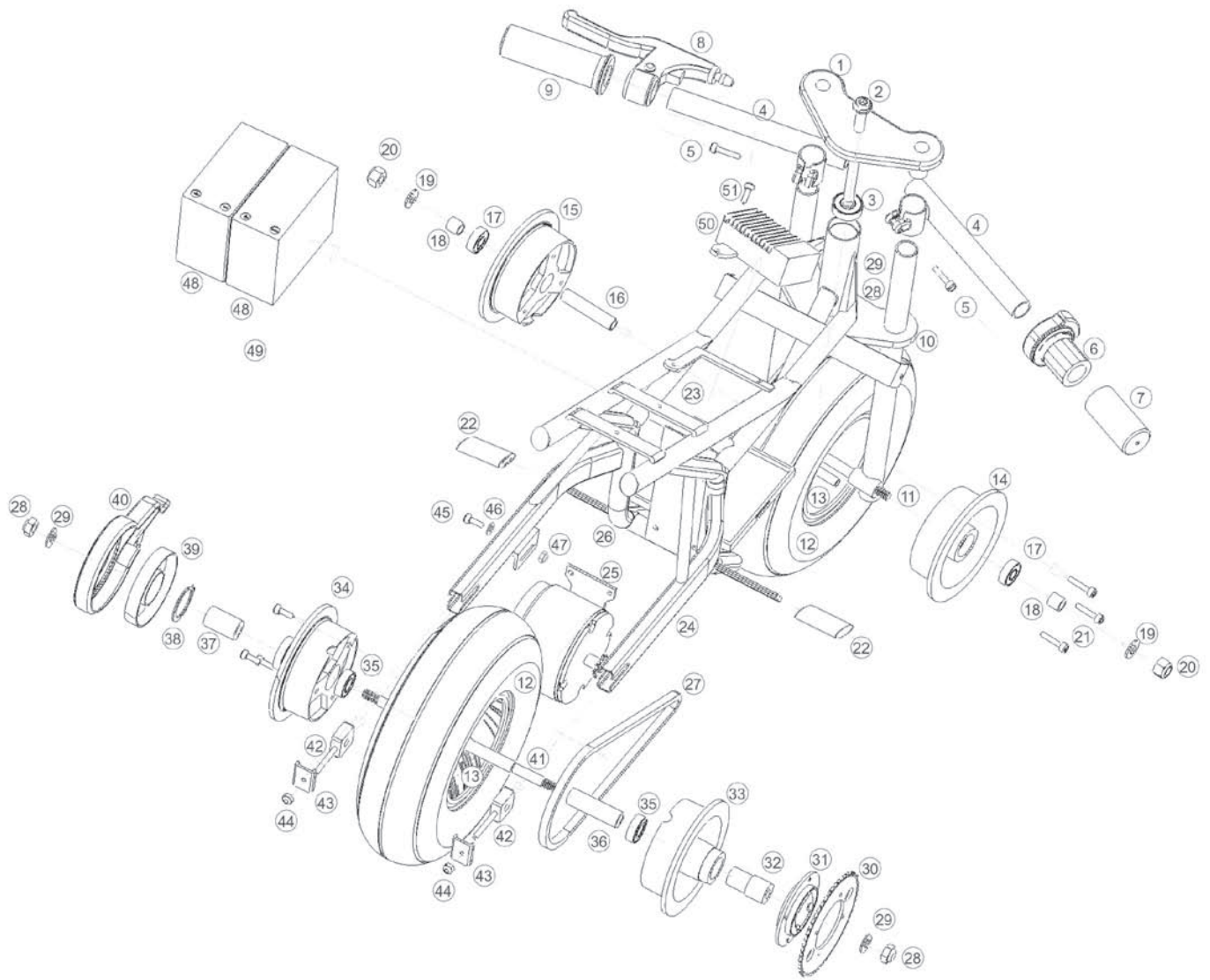
Need Help? Visit our web site for updates and a list of authorized service centers at www.razor.com or call toll-free at **866-467-2967** Monday - Friday 8:00 AM - 5:00 PM Pacific Time.

POCKET ROCKET PARTS

Keep your Pocket Rocket running for years with genuine Razor parts. Visit our web site or e-mail us for more information on spare part availability. (Specifications subject to change without notice.)

1. 1 ea Top crown
2. 1 ea Bolt, steering, 10mm x 135mm
3. 2 ea Bearing for steering, 6200 (spacers required, not shown)
4. 2 ea Handlebar
5. 2 ea Cap screw, hexagonal head 5mm x 25mm
6. 1 ea Speed control, twist grip
7. 1 ea Grip, half-length w/concealed valve extender
8. 1 ea Brake lever, w/cut off switch
9. 1 ea Grip
10. 1 ea Fork
11. 1 ea Axle, front wheel
12. 2 ea Tire 3.00-4 (10 x 3.5 inch)
13. 2 ea Inner tube, schrader valve
14. 1 ea Wheel half, front, screw-side
15. 1 ea Wheel half, front, threaded-side
16. 1 ea Spacer, front wheel center
17. 2 ea Bearing, 6000
18. 2 ea Spacer, front wheel outside
19. 2 ea Washer, flat
20. 2 ea Nut, nylock self locking front axle
21. 6 ea Cap screw, hexagonal head 5mm x 15mm
22. 2 ea Footrest cover
23. 1 ea Wiring assembly (not shown)
24. 1 ea Frame
25. 1 ea Motor
26. 4 ea motor mounting screws (not shown)
27. 1 ea Chain, Pocket Rocket length
28. 3 ea Nut, nylock self locking
29. 3 ea Washer, flat 10mm
30. 1 ea Sprocket
31. 1 ea Freewheel mechanism (attachment screws and nuts not shown)
32. 1 ea Spacer, chain-side 42mm
33. 1 ea Wheel-half, rear chain-side
34. 1 ea Wheel half, rear brake side
35. 2 ea Bearing, 6001
36. 1 ea Spacer, rear center 56mm
37. 1 ea Spacer, rear wheel-brake 34mm
38. 1 ea Snap-ring retainer
39. 1 ea Brake drum
40. 1 ea Brake anchor plate, actuator and braking band assembly
41. 1 ea Axle, rear
42. 2 ea Axle adjuster
43. 2 ea Stop plate, axle adjuster
44. 2 ea Nut, nylock self-locking 6mm
45. 1 ea Screw, 5mm brake anchor plate-to-frame
46. 1 ea Washer, flat 5mm
47. 1 ea Nut, nylock self-locking 5mm
48. 2 ea Battery, 12v 8 AH
49. 1 ea Strap for battery hold-down (not shown)
50. 1 ea Electronic control module
51. 2 ea Screw, 5mm for control module hold-down

POCKET ROCKET PARTS



SB 1918 (CALIFORNIA) DECLARATION

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

SAFETY REMINDERS

PRE-RIDE CHECKLIST



Loose Parts

There should not be any unusual rattles or sounds from loose parts or broken components. If you are not sure, ask an experienced mechanic to check.



Brake

Check the brake for proper function. When you squeeze the lever, the brake should provide positive braking action.



Frame, Fork and Handlebars

Check for cracks or broken connections. Although broken frames are rare, it is possible for an aggressive driver to bash into a curb or wall and wreck and bend or break a frame. Get in the habit of inspecting yours regularly.



Tire Inflation

Periodically inspect the tires for excess wear and replace as required, and regularly check the tire pressure and re-inflate as necessary. If you get a flat tire, the inner tube can be patched or a new tube can be purchased from Razor or an authorized repair center.



Safety Gear

Always wear proper protective equipment, such as an approved safety helmet, elbow pads and kneepads. Always wear shoes, never drive barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.



DO NOT RETURN TO STORE

Do not use this vehicle for the first time until you have inflated the tires to the correct PSI and charged the battery for at least 12 hours.

Failure to follow these instructions may damage your vehicle and void your warranty.

WARRANTY

Razor Limited Warranty

The manufacturer warrants this product to be free of manufacturing defects for a period of 90 days from date of purchase. This Limited Warranty does not cover normal wear and tear, tires, tubes or cables, or any damage, failure or loss caused by improper assembly, maintenance, or storage or use of the Razor Pocket Rocket.

This Limited Warranty will be void if the product is ever:

- used in a manner other than for recreation;
- modified in any way;
- rented.

The manufacturer is not liable for incidental or consequential loss or damage due directly or indirectly to the use of this product.

Razor does not offer an extended warranty. If you have purchased an extended warranty, it must be honored by the store at which it was purchased.

Original Razor packaging is designed to ensure product protection. Save original packaging in case of warranty related shipping.

For your records, save your original sales receipt with this manual and write the serial number below.

Item Number:

155001

Need Help? Visit our web site for updates and a list of authorized service centers at www.razor.com or call toll-free at **866-467-2967** Monday - Friday 8:00 AM - 5:00 PM Pacific Time.

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