Razor®

Pocket Rocket™

OWNER'S MANUAL

Read and understand this entire manual before riding!
DO NOT RETURN TO STORE!

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

Version 1_03/11

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SAFETY WARNINGS

WARNING: Riding an electric motor bike 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 motor bike. 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 product to insure their safety.

The recommended rider age of 13 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 product.

DO NOT EXCEED THE WEIGHT LIMIT OF 170 pounds (77kg). 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 motor bike 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 motor bike 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 motor bike and in a safe, outdoor environment suitable for riding.

This motor 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 motor bike. 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 motor bike.

Never use near steps or swimming pools.

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

Never use headphones or a cell phone when riding.

Never hitch a ride with another product.

Do not ride the Pocket Rocket in wet or icy weather and never immerse the electric motor bike in water, as the electrical and ride 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 ride the electric motor bike 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 motor bike 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 ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and ride system.

USING THE CHARGER
The charger supplied with the electric motor bike should be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, the motor bike 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 the battery operated product when not in use.

Do not exceed charging time.

Always disconnect from the charger prior to wiping down and cleaning your electric motor bike 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.

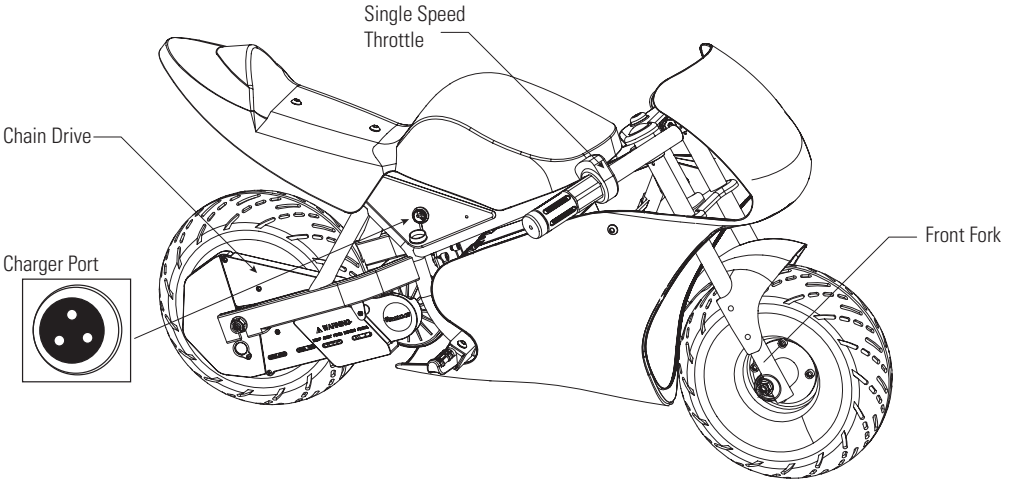
BEFORE YOU BEGIN

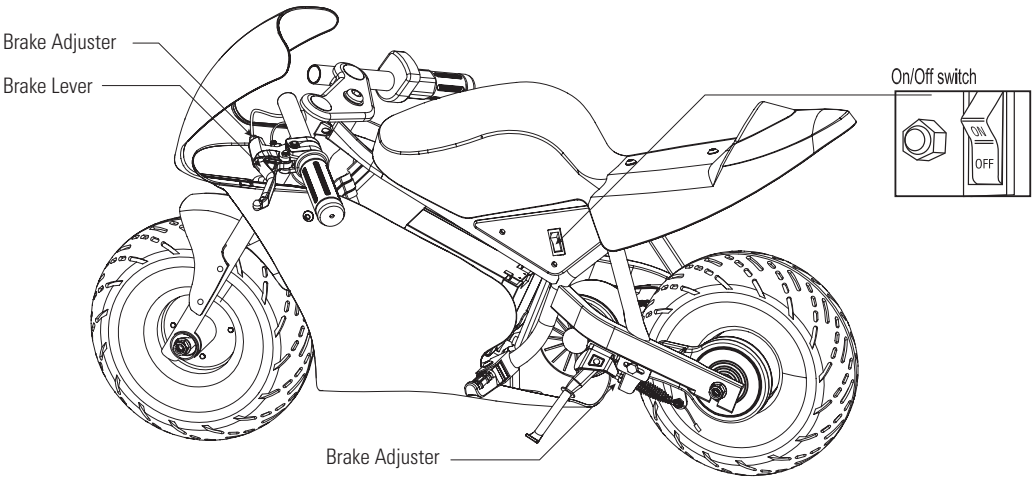
Remove contents from box. Remove the foam separators that protect the components from damage during shipping. Inspect the contents of the box for scratches in the paint, dents or kinked cables that may have occurred during shipping. Because the Pocket Rocket is 95 percent assembled and packed at the 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 MAINTENANCE PROCEDURES.

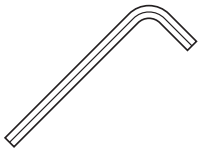
Estimated Assembly and Set-Up Time

Razor recommends assembly by an adult with experience in bicycle mechanics.
Allow up to 15 minutes for assembly, not including initial charge time.
Allow up to 12 hours for initial charge (see page 4 for charging information).

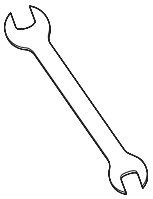




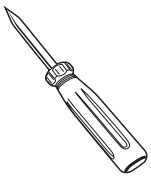
Required Tools



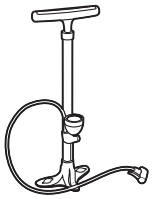
2.5mm, 5mm, and 6mm Allen wrenches (Included)



8mm, 10mm and 17mm open wrenches (Not Included)



Phillips screw driver (Not Included)



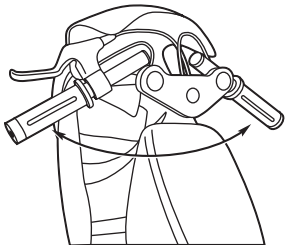
Bicycle tire pump for Schrader valve tires, with pressure gauge (Not Included)

⚠ 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 product and void your warranty.

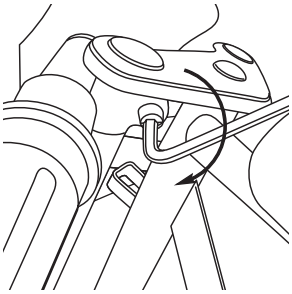
DO NOT USE NON-RAZOR PRODUCTS WITH YOUR RAZOR POCKET ROCKET. The Pocket Rocket has been built to certain Razor design specifications. The original equipment supplied at the time of sale was selected on the basis of its compatibility with the frame, fork and all other parts. Certain aftermarket products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

ASSEMBLY AND SET-UP

❑ Attaching the Handlebars



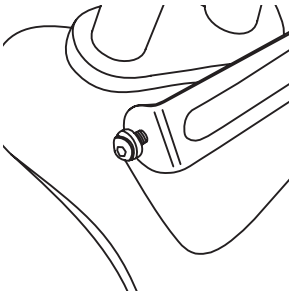
1 Swing the handlebars outward as shown. You may have to loosen the clamps to allow the bar to pivot on the fork.



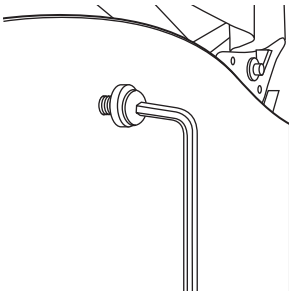
2 Using a 6mm Allen wrench, tighten both the left and right side handlebar clamps by turning the screws clockwise. When properly tightened, the handlebars cannot be twisted out of alignment.

⚠ 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.

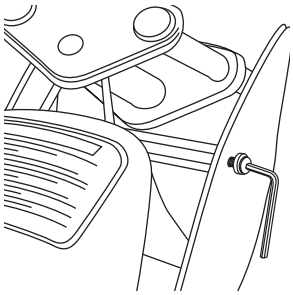
❑ Attaching the Fairing



1 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.

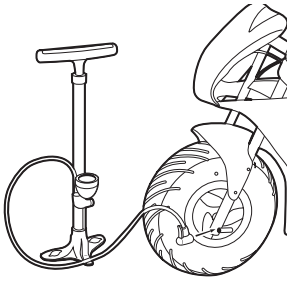


3 If you have trouble aligning holes, put one screw in place loosely and maneuver opposite side into position. Tighten all screws.

❑ Inflating the Tires

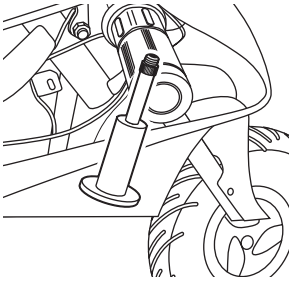
Tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase.

Front Tire

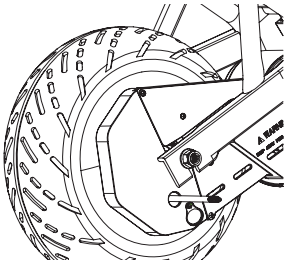


1 Using a bicycle tire pump equipped for a Schrader valve, inflate the front tire to the PSI indicated on the sidewall of the tire.

Rear Tire



1 Remove valve extender/ adapter from right handgrip.



2 Push open the access cover and 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. Push the access hole cover back.

⚠ 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 motor bike and void your warranty.

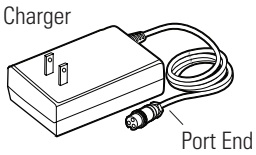
Note: The pressurized air supplies found at gasoline stations are designed to inflate high-volume automobile tires. If you decide to use such an air supply to inflate your tires, first make sure the pressure gauge is working, then use very short bursts to inflate to the correct PSI. If you inadvertently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

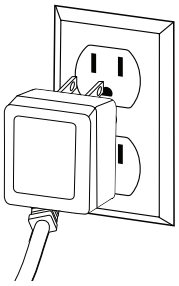
ASSEMBLY AND SET-UP

❑ Charging the Battery

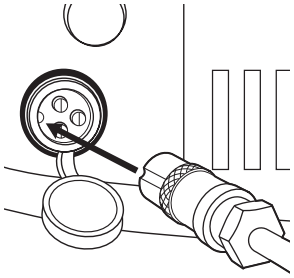
Your electric motor bike may not have a fully charged battery. Therefore it is a good idea to charge the battery prior to use.

- Initial charge time: 12 hours
- Recharge time: up to 12 hours, depending on level of depletion.
- Fully charge battery befor storing.
- When the scooter is not in regular use, recharge the battery at least once a month until normal use is resumed.
- Run time: Up to 40 minutes of continuous ride time Run time may vary depending on riding conditions, climate and/or proper maintenance.
- Average battery life: 250 charge/discharge cycles
- To ensure long battery life, do not store the battery in temperatures above 75° or below -10° F.





1 Plug the charger plug into a wall outlet.



2 Turn power switch **OFF** before charging. Plug the charger into the port on the electric motor bike.

⚠ WARNING:
Always disconnect your electric motor bike 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 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.

Charger will get warm during use. 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.

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.

REPAIR AND MAINTENANCE

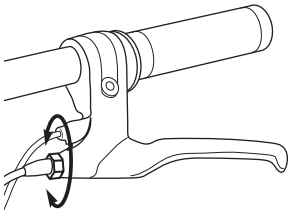
Turn power switch "OFF" before conducting any maintenance procedures.

❑ Testing the Brakes

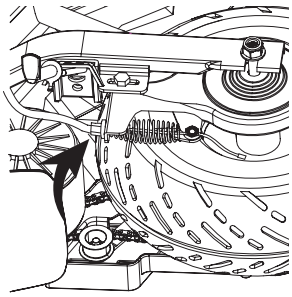
To use the brake, squeeze the lever to increase the pressure on the brake. The brake lever is fitted with a cable adjuster to compensate for cable stretch and/or to fine-tune the lever movement to brake engagement. If brake is not engaging properly, follow instructions for adjusting the brakes outlined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

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

❑ Adjusting the Brakes



1 To adjust the tension, 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.

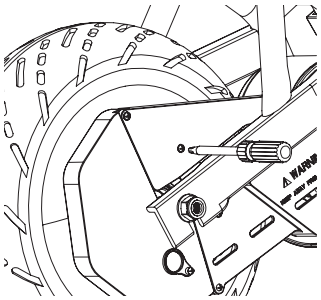
⚠ WARNING:
The brake is capable of causing the electric motor bike to skid the tire throwing an unsuspecting rider. Practice in an open area free from obstacles until you are familiar with the brake function. Avoid skidding to a stop as this can cause you to lose control or damage the rear tire.

REPAIR AND MAINTENANCE

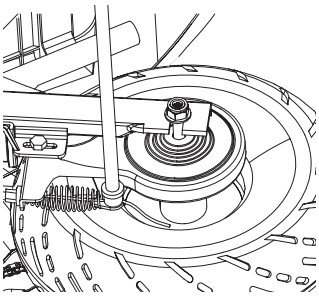
Turn power switch "OFF" before conducting any maintenance procedures.

❑ Chain and Rear Tire Replacement

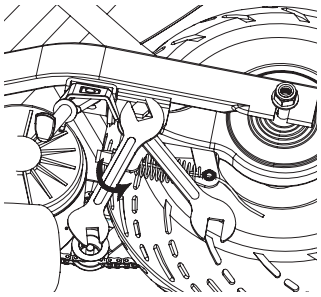
Tools required: 10mm open wrench, two (2) 8mm open wrenches, and two (2) 17mm open wrenches.



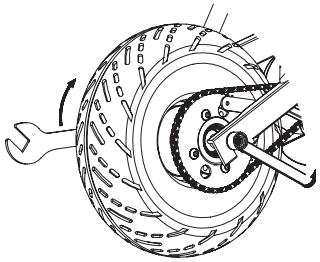
1 Loosen screws and remove chain guard.



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

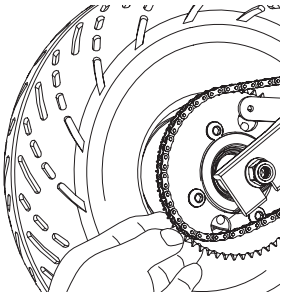


3 With two 8mm open wrenches, loosen brake housing anchor and disconnect. Keep the spacer and washers together.

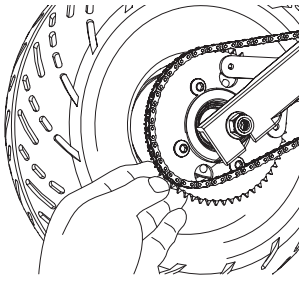


4 With two 17mm open wrenches, loosen the axle. Push the wheel forward to loosen the chain and remove from rear and front sprocket.

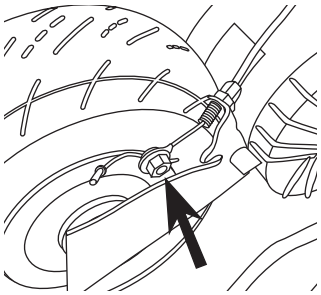
Note: Your hands will get greasy doing this.



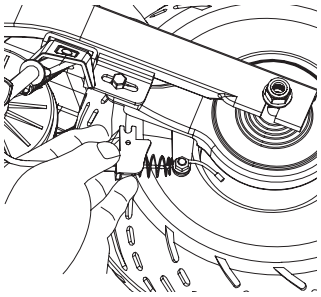
5 Pull the wheel out. Note the arrangement of the hardware sequence.



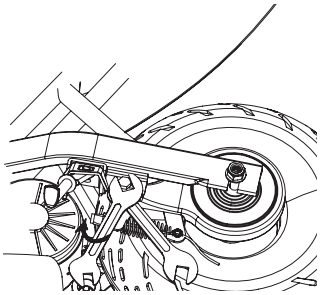
6 Install the new chain or wheel by slipping the chain around the axle. Slide the axle into the slots on the frame. Maneuver the chain onto the rear sprocket and front sprocket.



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



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



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

REPAIR AND MAINTENANCE

❑ Battery Care and Disposal

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

CONTAINS SEALED NON-SPILLABLE LEAD BATTERIES. BATTERIES 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 are available for purchase at some Razor retail partners. For the complete selection of replacement parts visit www.razor.com.

❑ Repair Centers

For a list of authorized Razor repair centers:
- Check online at www.razor.com.
- Send an e-mail 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.

⚠ WARNING: Battery posts, terminals and related accessories contain lead and lead compounds. **Wash your hands after handling.**

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Motor bike does not run	Undercharged battery	Charge the battery. A new battery should have been charged for at least 12 hours before using the motor bike for the first time and up to 12 hours after each subsequent use. Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and that the charger is plugged into the wall. Make sure power flow to the wall outlet is on.
	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.
Motor bike was running but suddenly stopped	Burned-out fuse.	The fuse will burn out and automatically shut off the power if the motor is overloaded. 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.
	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	Charge the battery. A new battery should have been charged for at least 12 hours before using the motor bike for the first time and up to 12 hours after each subsequent use. 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. Make sure power flow to the wall outlet is on.
	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 motor bike 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.
Motor bike 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 3 of this manual to properly inflate tires.
	Motor bike is overloaded	Make sure you do not overload the motor bike 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 motor bike. If the motor bike 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 motor bike 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.
Motor bike 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.
Motor bike makes loud noises or grinding sounds	Chain is too dry	Apply a lubricant such as 3 in 1™ or Tri-Flow™ to the chain.

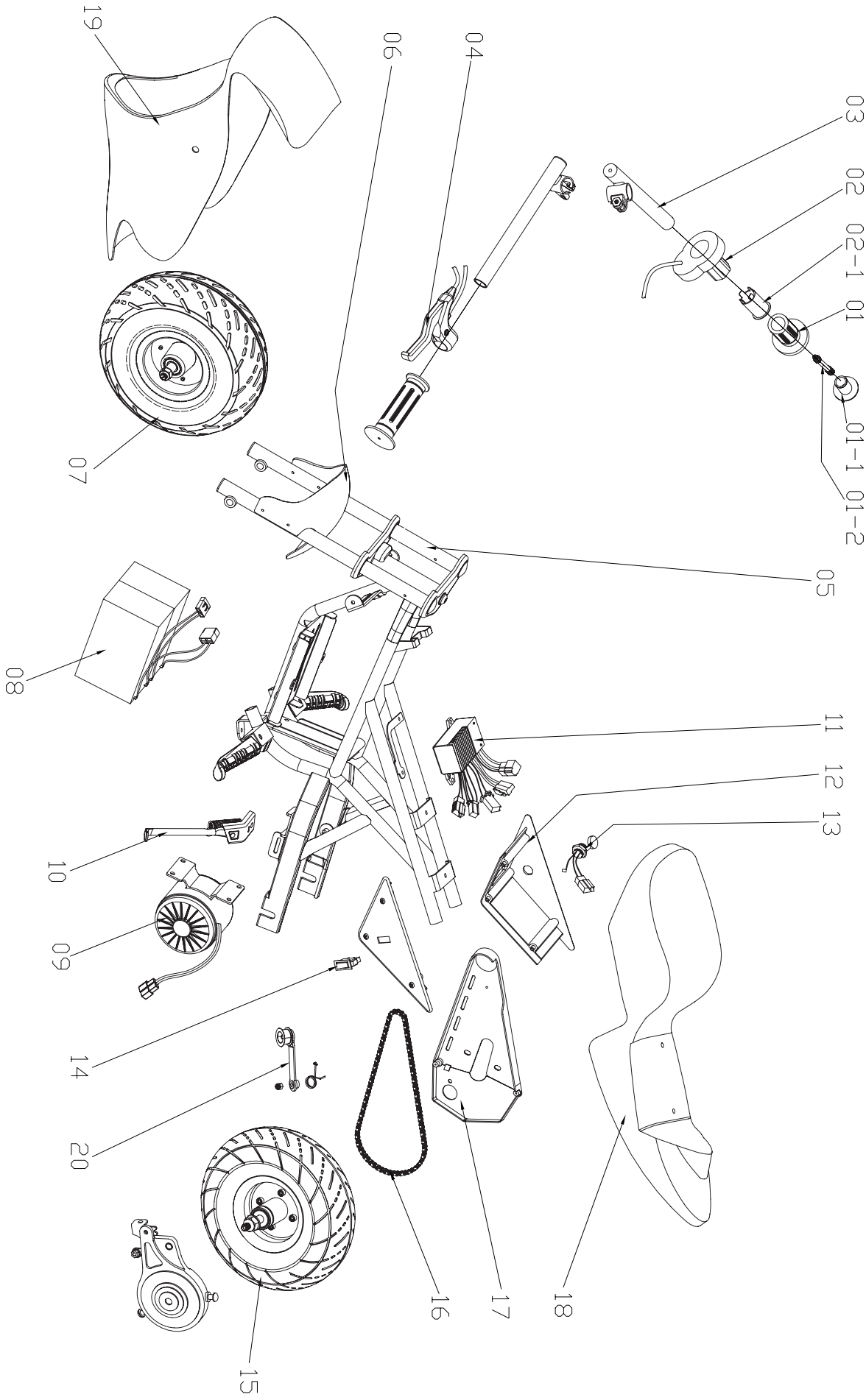
Need Help? Visit our website for updates and a list of authorized service centers at **www.razor.com** or call toll-free at 866-467-2967 Monday - Friday 8:00 AM - 5:00 PM Pacific Time.

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. Handlebar Grips (Right/Left)
   1-1. Handlebar End Cap/Extender Holder
   1-2. Valve Stem Extender/Inflator
2. Single Speed Twist Grip Throttle
   2-1. Sleeve
3. Handle Bar
4. Brake Lever Complete
5. Front Fork
6. Front Fender
7. Front Wheel Complete
8. Battery with Fuse
9. Motor
10. Kick Stand
11. Control Module
12. Battery Cover (Right/Left)
13. Charger Port w/Wires
14. Power Switch
15. Rear Wheel Complete
16. Chain
17. Chain Guard
18. Seat Fairing
19. Front Fairing Cover
20. Chain Tensioner

POCKET ROCKET PARTS



SB 1918 (CALIFORNIA) DECLARATION

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.

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, contact Razor Customer Service for assistance.

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 rider to run 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 product 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 product and void your warranty.

WARRANTY

Razor Limited Warranty
The manufacturer warranties 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:
15120040

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