



ELECTRIC PunkTM

Owner's Manual

Razor Owner's Manual

+ Safety Handbook

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NOTE: This manual contains many “Warnings” and “Cautions” concerning the consequences of failing to maintain or inspect your bicycle. 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 warning is mentioned.



WARNING: Riding the Razor Electric Punk can be hazardous. Proper inspection and maintenance of the product is your responsibility and can reduce the risk of injury.



WARNING: The Electric Punk has been built to Razor’s design specifications. All the original equipment supplied at the time of sale

were selected on the basis of their compatibility with the frame, fork and all other parts. Certain after-market products may or may not be compatible with your Electric Punk. Consult your retailer or call Razor prior to modifying or replacing any component with a non-factory specified product.

TOOLS REQUIRED FOR ASSEMBLY/ADJUSTMENT ONLY

- * 4, 5 and 6mm hex (Allen) keys
- * Bicycle-style tire pump for Schrader valve tires, with pressure gauge
- * 15mm box wrench (seat adjustment)
- * 10mm box wrench (belt adjustment)

Razor recommends assembly by an adult with experience in bicycle mechanics. Some tools may be supplied, however we recommend the use of mechanic's grade tools and use the supplied tools only as a last resort.

1. Parts of the Electric Punk



NOTE: For safety reasons, the Electric Punk must be moving at least 3mph before the motor will start. Kick to 3mph, then pull the trigger to start the motor!

2. Proper Fit and Size Adjustments

Fit. When properly adjusted, the rider should be able to sit comfortably and steer with both feet remaining on the foot rests at all times. If the rider has to stretch to reach the foot rests or is too cramped, the seat should be adjusted accordingly.



WARNING: The age recommendation is only an estimate. If you are too small or too large to comfortably reach the pedals or handlebars, do not ride the Electric Punk.



WARNING: Failing to properly adjust and tighten the screws, bolts and clamps that affix the handlebars, seat and rear wheels can cause you to lose control and fall. When properly tightened, you cannot twist the front wheel out of line with the handlebars or move the saddle out of adjustment. If you can twist or force these components to move or come off by hand, readjust and properly retighten the screws and bolts.

3. Brake

Your Electric Punk is fitted with a hand-operated brake. The brake lever may be positioned on the handlebar where it is most comfortable for the rider. To change the position, loosen the clamping screw and slide the brake lever to the new position and retighten securely.



Figure 1. Brake lever adjustment.



WARNING: The brake, when properly adjusted, is capable of skidding the tire and throwing an unsuspecting rider. Practice in an open area free from obstacles until you are familiar with the brake function.



WARNING: Cable operated brakes are very effective but must be

adjusted and maintained on a regular basis. Check or have them checked and adjusted by a qualified mechanic. Worn brake parts, stretched or frayed inner wires or a kinked housing indicate brake service or parts replacement may be necessary for proper function.

4. Assembly



WARNING: Razor highly recommends that you have your Electric Punk assembled by an experienced, adult mechanic. Many retailers provide assembly but some charge extra. If your retailer can't do the assembly, you can have your Electric Punk assembled at a bicycle shop for a fee. Although you may have to pay up to \$20 or even more for assembly, it will assure the Electric Punk is properly assembled and adjusted.



ASSEMBLY NOTE: Refer to the list of tools required for assembly on page three of this manual. If you do not have the proper tools or understanding of the instructions in this manual, take your bike to a qualified mechanic for assembly, service or adjustments.

4A. Un-box. Remove contents from box (Figure 2). Remove the foam separators that protect the various 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. Your Electric Punk was partially assembled and packed at the factory to prevent shipping damage and there should not be any problems, even if the box has a few scars or dents. But if there are, contact Razor immediately to resolve any problems.



Figure 2.



NOTE: The brake cable and trigger switch wire are attached to the controls on the handlebars. Be careful not to deliberately or inadvertently kink or bend these wires during assembly.

4B. Install the handlebars and stem.

Insert the handlebars into the stem as shown in Figure 3a. Insert the stem into the fork as shown in Figure 3b. Note the “minimum insertion” line (“A” in Figure 3b). The stem must be inserted into the fork until this line is no longer visible (Figure 3c). Align the stem square to the front wheel and tighten the binder bolt securely as shown in Figure 3d. The handlebars will be adjusted, aligned and secured in a later step.



Figure 3a.



Figure 3b.



Figure 3c.



Figure 3d.



WARNING: Failure to properly tighten the stem may cause the handlebars to dislodge while riding and could cause you to lose control and fall. When correctly tightened the stem will not slip from its secured position inside the fork.

4C. Install the seatpost

Insert the seatpost and seat assembly into the frame as shown in Figure 4a. Note the “minimum insertion” line (arrow in Figure 4a). The post must be inserted until this line is no longer visible. Align the seat square to the frame and flip the quick-release (QR) lever “closed” as shown in Figures 4b and 4c.

With the QR lever closed, you should not be able to twist the seatpost in the frame, even with firm pressure. The tension on the clamp can be adjusted by tightening, with the lever open, the T-nut as shown in Figure 4d. Adjust the clamp so it is tight when the lever is in the closed position.



WARNING: Failure to properly engage the quick-release lever may cause the seat to dislodge while riding which may cause you to lose control and fall. With the quick-release properly adjusted and engaged, the seatpost will not twist side to side or up or down.



Figure 4a.



Figure 4b.



Figure 4c.



Figure 4d. Adjusting the QR clamp tension.

4D. Adjust and tighten the handlebars

With the seat installed and tightened, sit on the Electric Punk and, with the stem QR open, adjust the handlebar square to the front wheel (remember, the stem must also be square to the front wheel). When the handlebar position is satisfactory, push the QR lever (Figure 5a) until it is closed (Figure 5b). This will lock the handlebars in position.

With the QR lever closed, you should not be able to twist the handlebars in the stem, even with firm pressure. If the bars slip, adjust the tension on the clamp by tightening, with the lever open, the T-nut as shown in Figure 4d. Adjust the clamp so it is tight when the lever is in the closed position.



WARNING: Failure to properly tighten the stem may cause the handlebars to dislodge while riding and could cause you to lose control and fall. When correctly tightened the stem will not slip from its secured position inside the fork.



Figure 5a.



Figure 5b.



Figure 5c. Adjusting the QR tension.



NOTE: Although we make every effort to keep our manual up-to-date, if your Electric Punk does not look exactly this, then we've made improvements since this document was printed. Check out the Razor website: www.razor.com for technical updates on the latest service and adjustment procedures.

4E. Inflating the tires

The tires on the Electric Punk are inflated when shipped, but they invariably will lose some pressure between the point of manufacturing and your purchase. Both tires require 36 psi inflation pressure.

Periodically and regularly check the tire pressure and reinflate as necessary.

Using a bicycle style tire pump equipped with a Schrader-type pump head, inflate the tires to 36 psi as shown in Figures 6a, 6b and 6c. Note that the air valve for the rear tire is in a particularly tight spot! We have tested this fit with different type of pumps and there is just enough room between the brake and the wheel for most pumps to be connected.



Figure 6a.



Figure 6b.



Figure 6c.



Note regarding using an air hose at a gas station. The pressurized air supplies found at gasoline stations are designed to inflate high volume automobile tires. These systems are capable of instantaneously over-inflating the tires of the Electric Punk. If you decide to use such a supply to inflate your tires, make sure the pressure gauge is working prior to inflating the tires. Use very short bursts to inflate to the correct psi. If you inadvertently over-inflate the tire, release the excess pressure immediately.

4F. Adjusting the seat. If you desire to change the seat tilt (Figure 7), or adjust the fore and aft position of the seat on the seat rails, this can be accomplished by loosening one side of the “seat guts” using a 15mm box wrench. Adjust the tilt as desired and retighten securely.



Figure 7.

4G. Charging prior to use. The Electric Punk will probably not have a fully charged battery at the time of purchase. Therefore it is a good idea to charge the battery prior to use. The charging input is located next to the seat post tube as shown in Figure 8. The charger has two small LEDs that illuminate to indicate the charge status. Red indicates the power is on and green indicates the battery is charged. The initial charge will take from a few minutes to up to 8 hours.



Figure 8.

4H. Main switch with auto reset. The Electric Punk has a circuit breaker that will automatically shut off the power to the motor in the event an overload condition is placed on the motor. An excessive overload, such as too heavy a rider or too steep a hill, could cause the motor to overheat. If your Electric Punk stops running, wait a few seconds and then toggle the switch to reset the breaker. Avoid whatever conditions caused the breaker to trip and avoid repeatedly tripping the breaker.

5. Safety Check Before Riding

5A. Loose parts. While straddling the Electric Punk, lift the front wheel

off the ground two or three inches and let go so it can bounce on the ground. Does everything sound tight? 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.

5B. Brake. Check the brake for proper function. When you pull the lever the brake should act against the rim and provide positive braking action. The cable should have the proper slack so the brakes do not drag, yet the lever should not touch the handlebars when pulled except under the hardest braking action.

5C. Frame, fork and handlebars. Check for cracks or broken connections. Although broken frames are rare, it is possible for an aggressive rider to bash into a curb or wall and wreck and bend or break a frame, fork or handlebar. Get in the habit of inspecting yours regularly.

5D. Bar ends. Your Razor is equipped with plugs in the end of the handlebars designed to provide protection from exposed handlebar ends, which can act like a cookie-cutter. If your bar plugs are worn out or missing and the handlebar end is exposed, replace them or cover the exposed end(s) with after-market bar-end protectors.

5F. Tire inflation. The tires on the Electric Punk require 36 psi inflation pressure. ***Periodically and regularly check the tire pressure and reinflate as necessary.*** If you get a flat tire, the inner tube can be patched or a new tube can be purchased from Razor. See the section on maintenance and repair for tire changing tips.



CAUTION: This product moves when used. Exercise caution and common sense when riding.



WARNINGS:

Always wear a helmet and protective gear.

Children should ride with the guidance of an adult.

Do not ride in water, at night or in low visibility conditions.

Avoid steep or rough surfaces.

Product must be assembled properly before use.

The battery must be charged at least 6-8 hours. Do not over charge.

Tires must be inflated to 36psi prior to use.

120 lbs. max rider weight limit - heavier riders may cause damage not covered by warranty.

For safety reasons, the Electric Punk must be moving at least 3mph for the motor to start.

6. Maintenance and Repairs

6A. Brake cable adjustment. The main adjustment on the brake is to take up the cable slack and bring the lever into adjustment. This is typically accomplished with the adjusting barrel at the brake lever as shown in Figure 9a.

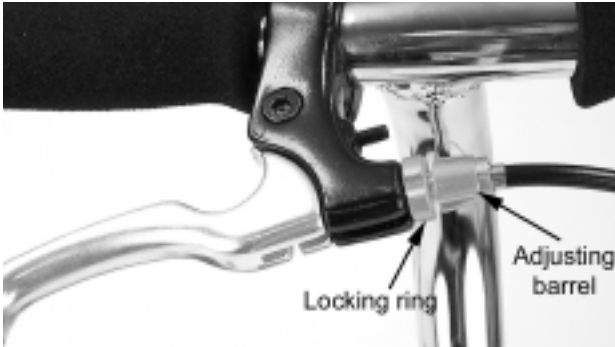


Figure 9a.

If there is too much slack, the lever will go all the way to the handlebar without the brake being applied (Figure 9b). If there is not enough slack, the brake will drag even when the lever is not pulled. Ideally, you want 2-3mm of play in the lever before the brake engages.



Figure 9b.

To adjust, loosen the lock ring and turn the barrel 1/4 to 1/2 turn to loose or tighten as required and squeeze the brakes to test. Continue to adjust until the proper cable slack is attained.

If the proper amount of play cannot be achieved by adjusting the brake lever, the excess slack must be taken up at the brake by loosening the pinch bolt and pulling up the slack.



NOTE: The brake system requires a break-in period. You may have to repeat procedure 6F often during the first several hours of use. Repeat as necessary from thereafter to maintain proper brake function.

6B. Brake lever reach adjustment. The Electric Punk is supplied with a brake lever that adjusts to accommodate a variety of hand sizes. To adjust the brake lever so it is easier for smaller hands to operate the brake, turn the screw in the direction marked “B” in the photo below. Leave enough gap between the handlebar and lever to assure proper brake function. To readjust for larger hands, turn the screw in the direction marked “A” as shown in Figure 9 below.



Figure 9.



WARNING: Always test the brake function whenever making any adjustment to the braking system.



WARNING: Brakes are subject to normal wear and tear. Although the brakes are pre-adjusted at the factory and should not require additional adjustment at the time of assembly, it is the responsibility of the user to periodically inspect the brakes for excess wear. If you do not understand how to adjust the brakes, we strongly recommend you seek the help of a qualified mechanic. If the brakes are not properly adjusted the brakes may fail and you can be seriously injured.

6C. Drive belt tension adjustment. The Electric Punk is supplied with a self-tensioning drive belt that, under normal circumstances, should never require adjustment. However, should the drive system become loose, it could cause the belt to slip over the teeth of the timing pulleys. If you suspect the belt is loose, with the power switch off, check the tension by pushing against the belt as shown in Figure 10a. It should deflect only very slightly under light pressure.



Figure 10a.



Figure 10b.

If the belt requires tensioning, loosen the two screws and the locknut (A in Figure 10b) and turn the adjusting screw (B in Figure 10b) in 1/8 to 1/4 turn increments until the desired tension is attained. Be careful not to over tighten the belt!

Once the belt tension is correct, retighten the screws and locknut to secure the adjusting mechanism.

6D. Changing a tire. Changing a tire or repairing a flat requires removal of the wheel from the frame (rear) or fork (front). The following sequence shows how to remove the rear wheel with the brake and drive system. The procedure for removing the front wheel is not shown because it only requires the removal of the axle.

- 1) Remove the brake anchor screw as shown in Figure 11a. The brake anchor will disengage from the swingarm with the cable and return spring still attached. You do not need to loosen or detach the brake cable.
- 2) Loosen and remove the rear axle as shown in Figure 11b.
- 3) With the axle removed, slip the wheel up to release tension on the belt as shown in Figure 11c.
- 4) Slip the belt over the swing arm and remove the wheel as shown in Figure 11d. Watch the spacers! They may come off when the axle is removed. There are two on the belt-side and one on the brake side between the brake cover and the wheel.
- 5) The wheel is a two-part assembly and must be taken apart to remove the tire and tube. Loosen the screws and nuts (shown in Figures 11e and 11f)

to separate the two halves and to remove and repair or replace the tube and/or tire.

6) To reassemble, reverse the order of disassembly.



Figure 11c.



Figure 11d.



Figure 11e.



Figure 11f.

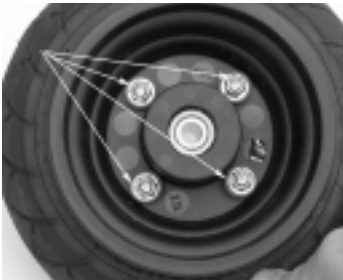


Figure 11g.



Figure 11h.

6E. Rear Suspension. The rear suspension allows for adjustment of the spring preload. For heavier riders, tighten the adjusting ring clockwise. For lighter riders, loosen the adjusting ring counter-clockwise (see Figure 12).



Figure 12

7. Safety

Helmets. Although not every state or municipality requires juvenile-age cyclists to wear a helmet, Razor strongly recommends you wear a properly approved helmet, such as ANSI or SNELL, even if the law does not mandate the use of a helmet.

Suitable helmets are available in a variety of styles. The most popular for kids is the skateboard-style “stunt” helmet. There are many brands available and they come in various sizes to fit any child or adult.

Do not ride more than one person at a time. Never use near steps or swimming pools.



WARNING: Helmets must be properly fitted and the straps adjusted properly to be effective. Ask your dealer to help you with the selection, fit and adjustment of your helmet.

Night riding and low-light conditions. Razor strongly recommends against riding at night or when lighting or visibility conditions are less than optimal (such as dawn and dusk).



WARNING: Lighting for night riding or low light conditions are not

required and are not standard equipment on the Electric Punk. We do not recommend riding at night or in low-light conditions.

Wet weather riding. Do not ride in wet weather.



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



WARNING TO PARENTS: Kids need to be taught and be frequently reinforced of the importance of safe riding, the rules of the road and the dangers and hazards of traffic, especially motor vehicle traffic. Parents and children are urged to read and understand these safety tips together.

Rules of the road

Do not play in the road or street.

Do not ride on streets.

Do not ride at night.

Stop for all stop signs

Use crosswalks to cross streets

Always walk at crosswalks.

Never use near steps or swimming pools

Your driveway. Driveway accidents are frequent and often fatal.

Realize the danger of your own and all other driveways. There may be obscured vision caused by trees, bushes or cars. Your driveway is not a launching pad for fast roll-outs! Observe the following driveway safety tips:

Look left, right and left again before exiting onto sidewalks or into playground areas.

Stop signs. Running a stop sign is a sure way to get hit by a car and killed. Remember, always stop at every stop sign or stop light. Always stop and walk across only when it is clear. Do not assume that drivers of motor vehicles can see you. In fact, assume that every driver cannot see you and that they are not paying attention. Observe the following safety tips:

Stop at all stop signs and lights, regardless of traffic conditions.

Look in every direction of traffic before proceeding to walk across.

Watch especially for oncoming traffic making left turns.

Watch for cars behind you or next to you making right turns.

Wait for traffic to clear before proceeding.

Turning without warning. Children are often struck from behind because they made unexpected turns into traffic, or they inadvertently veered into traffic when looking over their shoulder. Observe the following safety tips for left turns:

Do not cut across the street, cross only at intersections.

Practice looking over your shoulder to the rear without accidentally turning (do this only in an open space free from traffic and obstructions).

Riding at night and in low visibility. Do not ride at night or in low visibility. See section 4 for more information.

Rules of the Road.

Wear a helmet. Wear shoes.

Become aware of and learn your local bicycle laws and regulations. Most states and communities have rules regarding helmet use, bicycle licensing, riding on sidewalks, grinding and so on. It is the responsibility of parents to make sure their children know and obey all rules and regulations.

The Electric Punk is intended for sidewalk and playground use. You must share this space with others including, pedestrians, skaters and other players. Respect their rights!

Ride defensively. Assume that pedestrians, skaters and other players are so absorbed in their own world that they are not paying any attention to you and that they will run you down or step out in front of you, all without any warning.

Watch for obstacles such as pot holes, sewer grates, expansion cracks, and road or construction debris (such as nails or other foreign objects) that could catch your wheel or force you to swerve into traffic or lose control.

Stop at all stop signs and lights.

Never ride with headphones or use a cell phone when riding.

Never carry a passenger.

Never hitch a ride with another vehicle.

Do not weave into traffic or make sudden turns.

Observe and yield the right-of-way as prescribed by local traffic rules.

Riding the Electric Punk may be a hazardous activity and has inherent dangers that no amount of care, caution, instruction or expertise can eliminate. Certain conditions may cause the equipment to fail without fault of the manufacturer. Activities involving the use of bicycles carry the risk of injury or death.

8. Razor Limited Warranty and Registration

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, nor any damage, failure or loss caused by improper assembly, maintenance, storage or use of the Electric Punk.

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

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

Check local laws and regulations to see where you can ride your Electric Punk legally.

The manufacturer is not liable for incidental or consequential loss nor damage due directly or indirectly from the use of this product.

To obtain service under this warranty you must, within the warranty period, contact Razor USA LLC directly by e-mail at warranty@razorusa.com. Razor will provide warranty replacement at its sole discretion.

Authorized warranty service is ONLY available from Razor USA LLC.

IMPORTANT!

If your Electric Punk has a problem call Razor
USA Toll Free (866) 467-2967

DO NOT RETURN TO STORE

SB 1918 (California) declaration:

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.

QUESTIONS?

Please read the owner's manual thoroughly. If you still have questions, check our website for updates and contact information.

Spare tires, tubes and batteries are available! Keep your Electric Punk running for years with these and other genuine Razor parts.

Visit our website and e-mail us for more information on spare part availability.

Specifications subject to change without notice.

Patent Pending

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