



POWERWING[®]



OWNER'S MANUAL

Read and understand this entire manual before riding!

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

SAFETY WARNINGS

! AN IMPORTANT MESSAGE TO PARENTS: This manual contains many warnings and cautions concerning the consequences of failing to maintain, inspect or properly use your PowerWing scooter. Because any incident can result in serious injury or even death, we do not repeat the warning of potential serious injury or death each time such a possibility is mentioned.

! GENERAL WARNING: Riding the PowerWing can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other wheeled products, the PowerWing 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, your child can be seriously injured or die, even when using safety equipment and other precautions. USE COMMON SENSE.

APPROPRIATE RIDER USE AND PARENTAL SUPERVISION

Direct adult supervision is required at all times. This manual contains important safety information. It is your responsibility to review this information and make sure that all children obey all warnings, cautions, instructions and safety topics, and assure that young riders are able to safely use this product. Razor recommends that you periodically review and reinforce the information in this manual with young riders, and that you inspect and maintain your children's product to insure their safety.

The recommended rider age of 5 years and older for the PowerWing is only an estimate, and can be affected by the rider's size, weight or ability. Any child unable to fit comfortably on the PowerWing 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.

Do not exceed 143 lb (65 kg) on the PowerWing.

Rider weight does not necessarily mean a child's size is appropriate to fit or maintain control of the PowerWing.

ACCEPTABLE RIDING PRACTICES AND CONDITIONS

Direct parental supervision is required. The PowerWing is meant to be used only in controlled environments, free of potential traffic hazards and not on public streets. Do not allow your child to ride the PowerWing in any areas where vehicle traffic is present. Child must maintain a hold on the handlebars at all times. Never allow more than one child at a time to ride the PowerWing. Never use near steps, sloped driveways, hills, roadways, alleys or swimming pool areas.

Do not ride the PowerWing in wet weather. The PowerWing is intended for use on solid, flat, clean and dry surfaces, such as pavement or level ground, without loose debris such as rocks or gravel. Wet, slick or uneven and rough surfaces may impair traction and contribute to possible accidents. Do not ride the PowerWing 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 a PowerWing indoors. Do not ride at night or when visibility is impaired.

PROPER RIDING ATTIRE

Always ensure child is wearing proper protective equipment, such as an approved safety helmet. A helmet may be legally required by local law or regulation in your area. A child should always wear shoes, never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels.

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.

! WARNING: ALWAYS INSPECT POWERWING PRIOR TO RIDING. Properly inspecting and maintaining your PowerWing can reduce the risk of injury. Always inspect your PowerWing before riding and regularly maintain it.

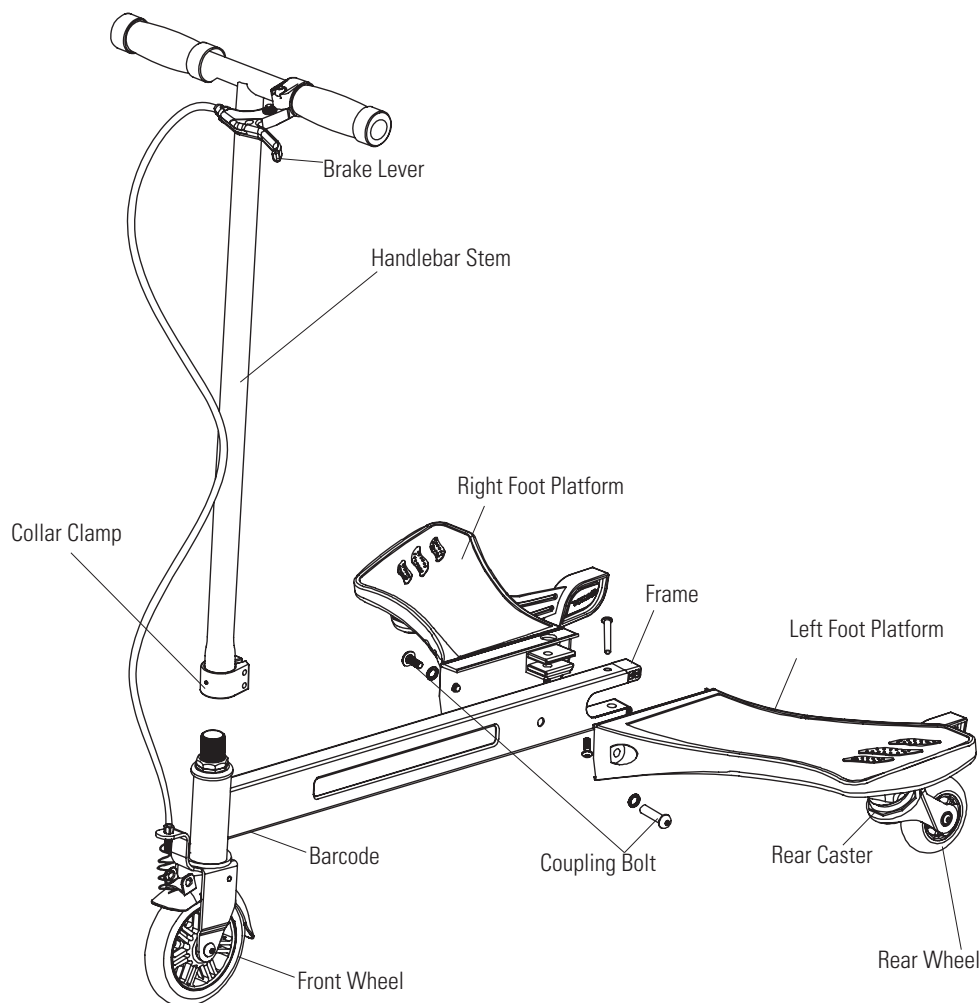
! WARNING: CHECK LOCAL LAWS REGARDING POWERWING USE. Check local laws and regulations to see where and how you may use your Razor PowerWing legally. In many states and local areas, PowerWing riders may be required BY LAW to wear a helmet. Check local laws and regulations regarding laws governing helmet use and PowerWing operation in your area.

BEFORE YOU BEGIN

Remove contents from box and check parts against part diagram below. Remove the 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 PowerWing is partially assembled and packed at the factory, there should not be any problems even if the box has a few scars or dents.

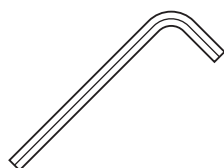
Estimated Assembly and Set-Up Time

Allow up to 15–20 minutes for assembly. Razor recommends assembly by an adult.



Required Tools

Tools needed to assemble are included.



Two (2) 5 mm Allen wrenches (included)

WARNING: DO NOT USE NON-RAZOR PRODUCTS WITH YOUR POWERWING.

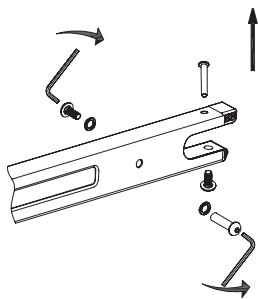
The PowerWing has been built to certain Razor design specifications. The original equipment supplied at the time of sale was selected on the basis of its compatibility with the frame, fork and all other parts. Certain aftermarket products may be compatible and will void your warranty.

PRODUCT I.D. CODE

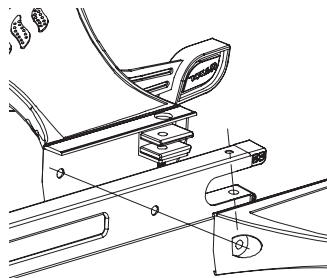
1. Side of frame.
2. Barcode on side of box (not shown)

SET-UP AND USAGE

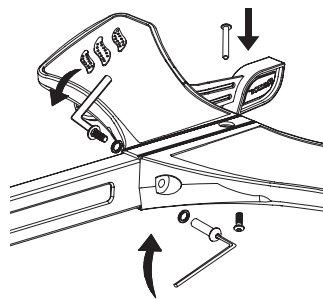
□ Attaching the Foot Platforms



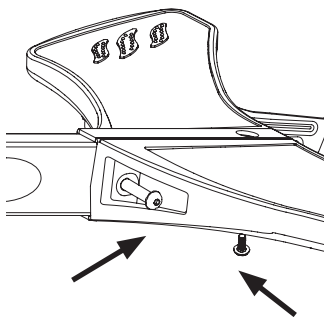
1 Using two (2) 5 mm Allen wrenches, remove the two coupling bolts from the frame.



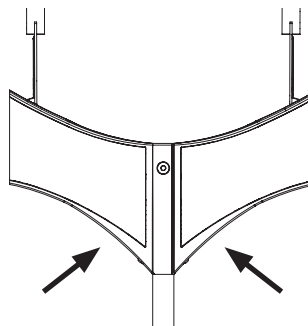
2 Position the right and left foot platforms up to the frame and align holes.



3 Re-insert the two coupling bolts removed in Step 1. Starting underneath with the bolt on the back. Turn product over and insert the next set of bolts. Tighten using two (2) 5 mm Allen wrenches.

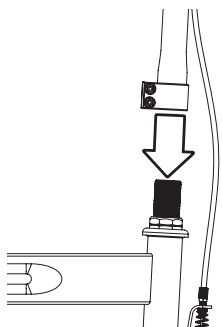


4a If necessary, use a mallet / hammer to tap the two coupling bolts until they are all the way through the platforms.

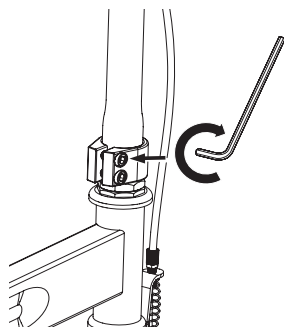


4b The platforms should now be snug against the frame.

□ Attaching the Handlebars



1 Place the handlebar stem on the front fork.

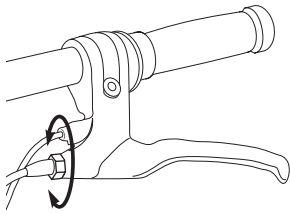


2 Using a 5 mm Allen wrench to tighten the two (2) bolts on the collar clamp. The collar clamp is properly tightened when the handlebars cannot be twisted out of alignment with the front wheel. Make sure the handlebars are in line with the front wheel before tightening the bolts all the way.

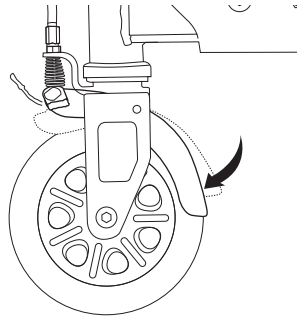
Note: The cable assembly from the handlebar must not wrap around the handlebar stem (as shown in Step 2). Sharp bends or twisting of the brake cable can cause the brake to malfunction.

SET-UP AND USAGE

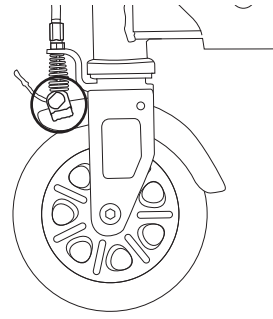
□ Adjusting the Brake



1 To adjust the brake cable wire, thread the brake lever adjuster in or out 1/4 to 1/2 turn until the desired cable tension is attained.



2 Squeeze the brake lever to test the brake to make sure it is working properly. The front fender should clamp down and rub against the front wheel. If brake is not working properly, proceed to the next step.



3 If the brake is too tight or too loose, use a 8 mm wrench and a 3 mm Allen wrench to make adjustments as needed.

□ How to Ride

Place both hands on the handlebars. Place one foot on the platform directly above the caster. Push off with the other foot then place foot on the other platform directly above the caster. Slightly bend knees. With handlebars straight, swing hips and legs side to side. Shifting weight on the platforms from right to left in sync with hips and legs. The side to side motion acts to self propel the PowerWing. No pushing required.

□ How to Stop

Apply hand brake.

Note: Do not step off of platforms until unit has come to a complete stop.

POWERWING PARTS

Keep your PowerWing working for years with genuine Razor parts.

- | | | | | | |
|---|--------------------------------|-------|-------------------------|--------|---------------------------------|
| 1 | Handlebar Stem | 8 | Front Wheel | 11 | Foot Platform (Right/Left) |
| 2 | Handlebar Grip (2) | 8 - 1 | Front Wheel Washer | 11 - 1 | Foot Platform Coupling Bolt (2) |
| 3 | Handlebar End Caps | 8 - 2 | Front Wheel Bearing (2) | 12 | Stability Bar (Right/Left) |
| 4 | Brake Lever Assembly | 8 - 3 | Front Wheel Spacer | 12 - 1 | 5 mm Hexagonal Bolt (4) |
| 5 | Brake Cable Guide | 9 | Front Axle Bolt | 13 | Caster (Right/Left) |
| 6 | Collar Clamp | 10 | Front Fork with Fender | 14 | 64 mm Rear Wheel (Right/Left) |
| 7 | Headset Bearings (Upper/Lower) | | | | |

