



RACER

Owners Manual



Congratulations on your purchase of your PRIME Racer kart!

The PRIME name has been synonymous with quality and durability for nearly 50 years and our line of commercial quality karts are designed and manufactured with safety in mind. With some basic periodic maintenance, your Prime Racer will give you years of FUN riding!

As you grow out of your PRIME Racer, be sure to check out our web site at www.primekarts.com to check out our complete line of PRIME karts with models for “kids” of all ages. Even adults!



WARNING

Choking hazard small parts
Adult supervision and
assembly is required

PRIME Pedal Karts, LLC
9235 Roe St.
Pensacola, FL 32514
www.primekarts.com
Tel . 866-475-0450



SAFETY PRECAUTIONS

All assembly of your PRIME Racer must be performed by an adult. If there are any questions about the assembly, please contact PRIME or your authorized dealer before attempting to ride your Racer kart

- Do not ride the Racer kart on public streets
- Always use under adult supervision
- Do not turn sharp at higher speeds or the Racer can flip
- Use extreme caution when riding on hills
- Do not ride backwards too fast or you can lose control
- Do not exceed the weight limit of 100 lbs.
- Only (1) one rider is allowed
- Do not ride at night
- Do not wear loose clothing that can get caught in moving parts
- Always wear proper shoes when riding
- Always ride with a safety flag for visibility
- Always use the pedal brakes to stop
- Keep your feet on the pedals at all times while moving
- Avoid any contact with the wheels while the Racer is in motion
- Make sure tires are set at the proper air pressure
- Any broken, damaged or worn parts must be replaced before riding
- Collisions or stunts can be dangerous and cause injuries to the rider and others and can cause damage
- Make sure that the steering and brakes are working properly before each use
- Make sure that all bolts are properly tightened before each use
- All covers and guards must be in place before riding
- Make sure seat and steering wheel are properly adjusted for the rider before each use
- A helmet should be used when riding

- ABOVE ALL, USE COMMON SENSE WHEN USING YOUR PRIME RACER KART



ASSEMBLY

Carefully unpack your new PRIME Racer kart. If there is any damage to the package or the kart, please contact the shipping carrier immediately and advise them of any shipping claims for loss or damage. If there are any questions about assembly, please contact PRIME at info@primekarts.com or call 850-475-0450.





ADULT ASSEMBLY IS REQUIRED

1. Carefully unpack the contents of the box and remove the protective wrap from the frame components. PLEASE DISCARD THE PROTECTIVE WRAP SAFELY

Contents:

- A. 3- Coast wheels
- B. 1- Drive wheel
- C. 1- Seat
- D. 1- Spoiler
- E. 1 – Steering Wheel
- F. 1 - Steering Wheel stem
- G. 1- Rear Assembly
- H. 1- Front Assembly
- I. 1- Spoiler mounting bracket
- J. 1- Decal graphics set
- K. 1 – Assembly set
 - a. Steering wheel cap
 - b. (4) spoiler bracket mounting screws
 - c. Open end wrench (10mm/13mm)
 - d. Hex wrench
 - e. Seat Clip
 - f. Short front/rear connection bolt set
 - g. Long front/rear connection bolt

1 – Safety flag (not pictured)

NOTE: A Philips screw driver (not supplied) will also be needed for assembly



2.



3.



Remove the bolt from both rear axles. Install one of the 3 coast wheels on the right rear axle. Please note the direction of the tread is facing forward. Install the bolt and tighten using the hex wrench that is included.

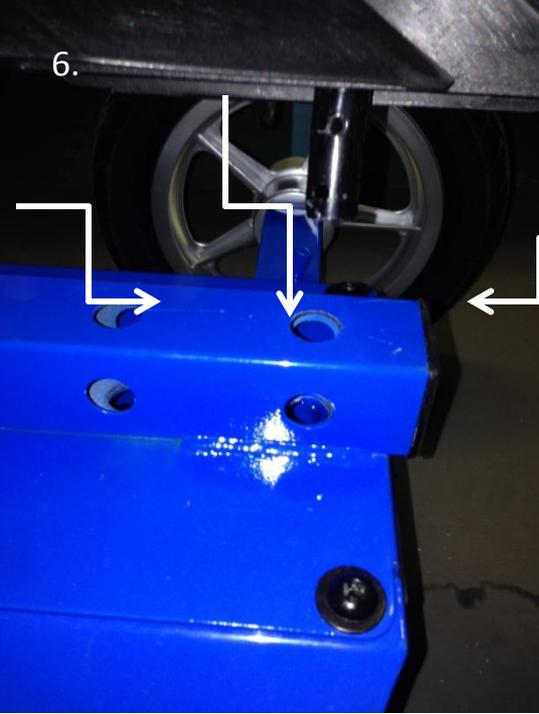
4.



5.



Locate the drive wheel. It is the wheel without a bearing on one side. The wheel hub will match with the pattern on the drive gear on the left rear axle. Install the bolt and tighten using the hex wrench that is included.



6.

Remove the protective plastic cap from the seat post and place seat in the last adjustment hole.



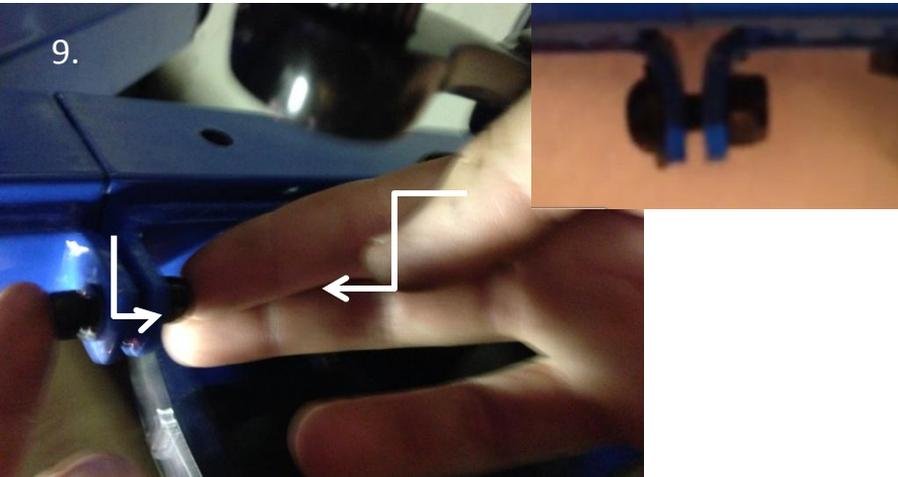
7.

Stand the back end up resting on the seat.



8.

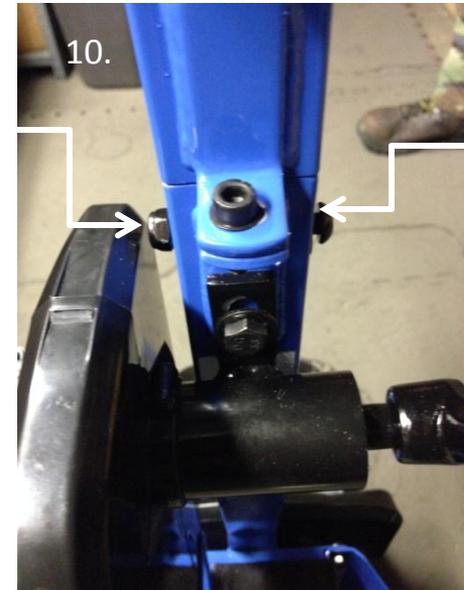
Insert front end tube into rear tube.



9.

Install SHORT front/rear connection bolt set. DO NOT TIGHTEN YET

Install LONG front/rear connection bolt set. Note the washer is installed on the bolt before it is installed into the tube



10.



11.
Using the 13mm open end wrench and hex wrench, tighten the LONG front/rear connection bolt



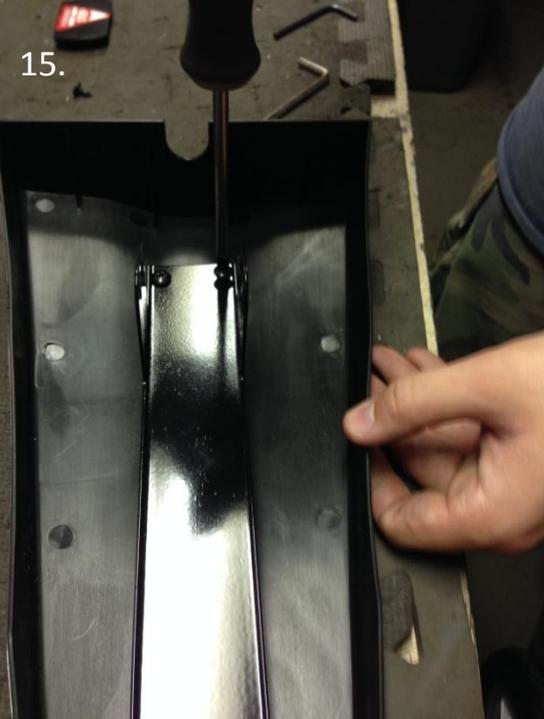
12.
Using the 10mm open end wrench and hex wrench, tighten the SHORT front/rear connection bolt



13.
Remove bolts from both front axles. Install both front coast wheels. NOTE: the "V" tread pattern of the tire faces forward



14.
Tighten both front wheel bolts using the hex wrench



Mount the spoiler bracket to the under side of the spoiler. Note the position of the tabs of the bracket are toward the top . Attach the bracket using (4) small screws with a Phillips screw driver (screw driver not included)

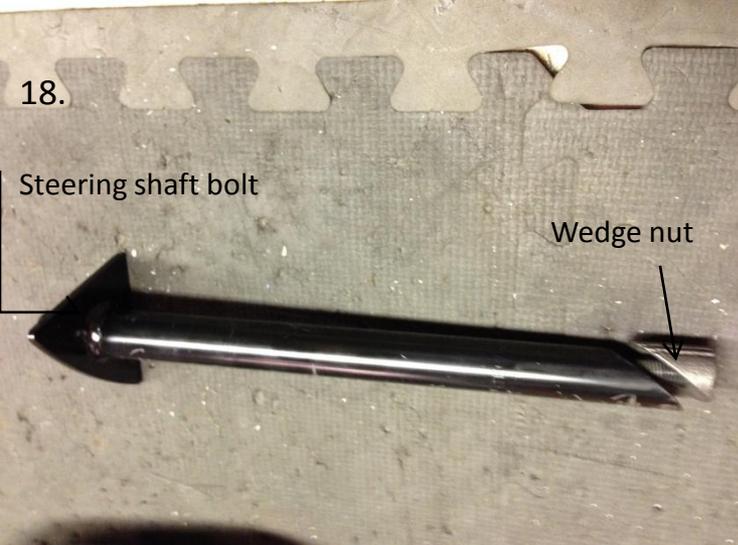


Remove (4) Phillips head crews from the steering column. Line up the spoiler mounting bracket holes with the 4 screw holes in the steering column. Attach the spoiler using 4 Phillips screws



Install the front spoiler graphics as shown





Remove the wedge nut from the steering shaft bolt.



Once the steering shaft bolt has been removed from the steering shaft, place it through the steering wheel and slide the steering shaft over the bolt. Align the triangle at the end of the steering shaft with the triangle detent on the back of the steering wheel



Re-attach the wedge nut to the steering shaft bolt so there is about $\frac{1}{2}$ " of threads exposed past the wedge nut



Insert steering shaft into steering tube.



22.

With the steering wheel and the front wheels straight, set the steering wheel about 2" from spoiler and tighten the steering shaft bolt in the center of the steering wheel.



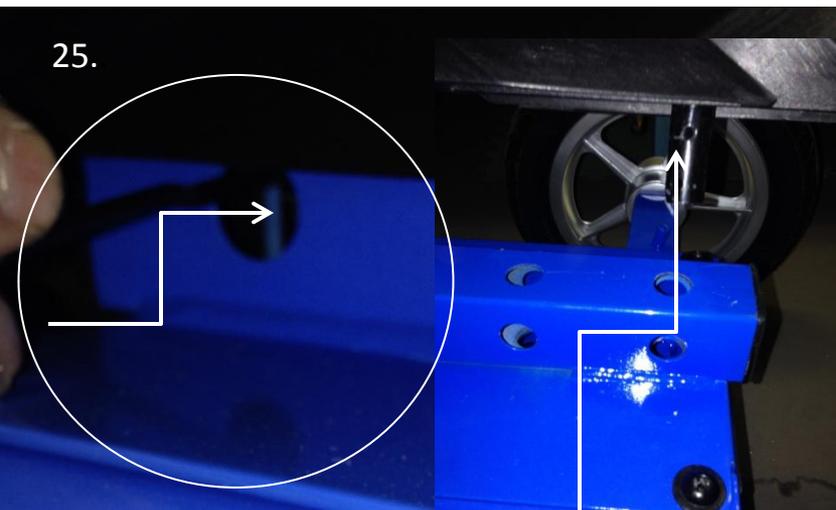
23.

After the steering shaft bolt has been tightened, snap the steering wheel cap in place and apply the "Prime Karts.com" decal to the cap



24.

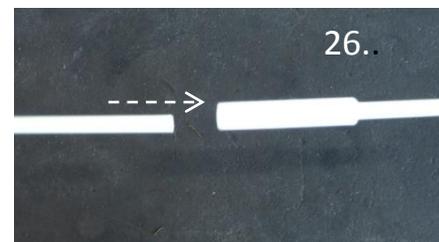
Attach braking instruction and weight limit decal to center frame as shown.



25.

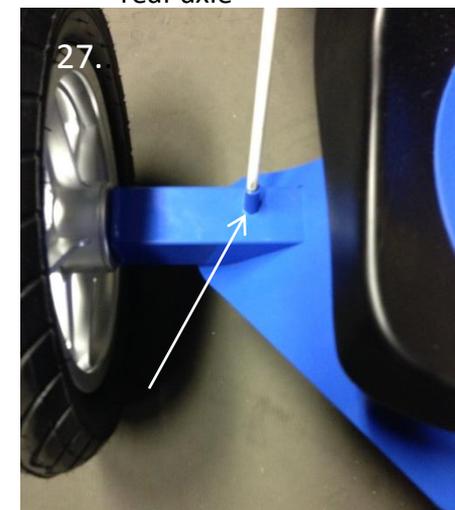
Adjust the seat into the proper position for the rider. Be sure that the seat post is all the way into the bottom hole and sits flat on the square seat adjustment base. Insert the locking pin into the hole from either side of the seat adjustment base. Make sure the pin is through the hole in the seat post

Assemble the safety flag by connecting the 2 pieces together



26.

Insert the safety flag into the flag mount located on the right rear axle



27.



Your new PRIME Racer is now ready to ride. Make sure to read and follow all safety precautions before riding.

Be safe and HAVE FUN!!!! 😊

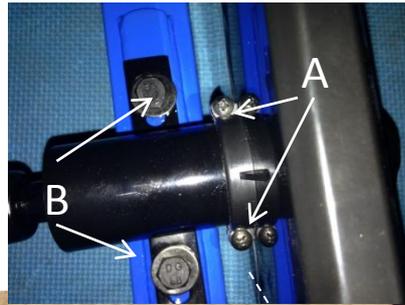
Check out www.primekarts.com for up to date parts and maintenance instructions



GENERAL MAINTENANCE

Caution – Periodic maintenance must be performed on your pedal kart to keep it in safe and good working order. The items listed below are some common components that will need periodic adjustment or replacement. This maintenance guide is not meant to be a complete overhaul manual. If you have any questions, please contact Prime or a local dealer. Current replacement parts for your model can be found at www.primekarts.com

Item	Commercial Use	Consumer use
Front Chain	Weekly	Monthly
Rear Chain	Every 2 weeks	Every 3 months
Crank bolts and BB	Weekly	Monthly
Wheels and tires (30 psi)	Daily	Daily
Steering adjust	Weekly	As needed
Grease front axles	Monthly	Every 6 months
Rear Axle	Monthly	As needed



1. Drive Chain

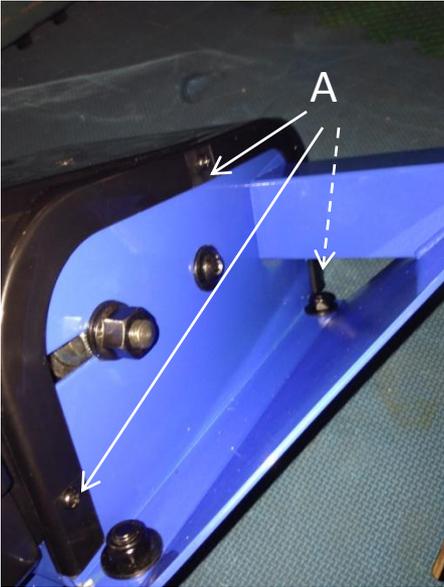
The chain used on your Prime Pedal Kart is a standard duty bicycle chain and is designed to withstand years of normal use at the recommended weight rating. However, like all chains, they will stretch with use over time. Therefore it is important that they be checked for proper adjustment. To check the front chain, remove screws (A) and lift the top and bottom chain guard. There should be about $\frac{1}{2}$ " travel by pushing on the center of the chain. If the chain is too tight, the transmission and drive components will wear out quickly and the kart will be hard to pedal. The chain should be checked weekly for commercial or rental use and monthly for consumer use.

To adjust the front chain, loosen bolts (B) and slide the pedal assembly forward to tighten. Re-tighten bolts (B) before the chainguard is re-assembled

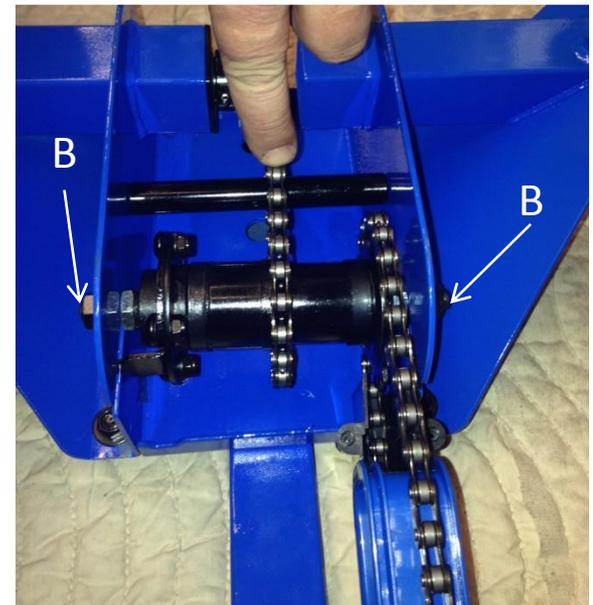


2. Rear Chain

Remove the top chainguard and loosen the front chain as described in the previous step. Next, remove rear transmission cover by removing six (6) Phillips screws (3 on each side) as shown (A). Next loosen the nuts (B) on the outside of each side of the transmission box. Slide the transmission forward to tighten the chain, back to loosen the chain. The chain should have about 1/8" up and down movement in the center. When the chain is set at the desired tension, re-tighten the outside nuts (B) on the transmission. The rear chain should be checked after the first week of use. Then again monthly for commercial and rental use and yearly for consumer use.



NOTE: After the back chain has been adjusted, the front chain will also need adjustment. (Refer to previous page to adjust).

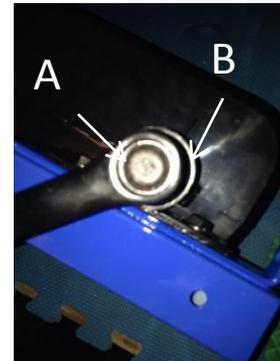




3. Crank bolts and bottom bracket axle

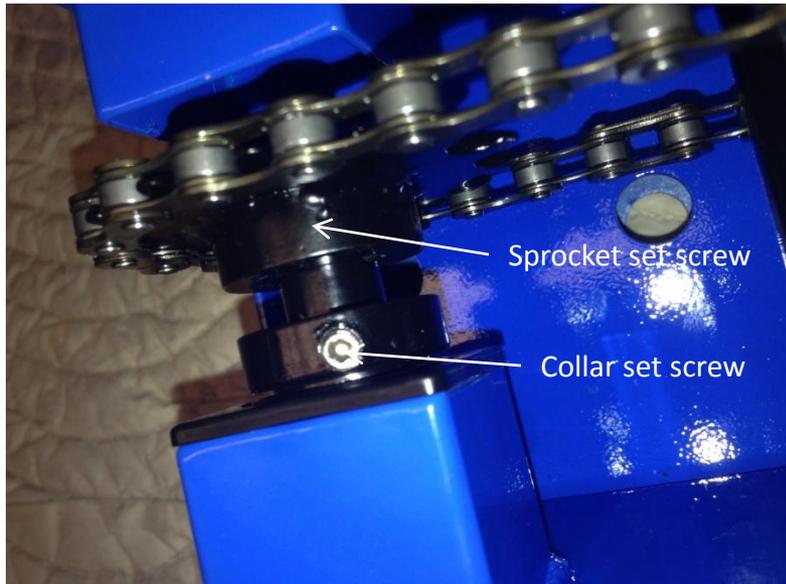
Using a 14mm socket, check that the bolts (A) are tightened to 23 ft. lbs. Be careful not to over tighten. Check bolts on the right and left sides of the pedal cranks.

Check the bottom bracket axle (B) weekly for excess play. If the bottom bracket axle needs to be tightened, remove the crank using a special bicycle crank tool and tighten the axle using a special bottom bracket tool. NOTE, the side with the sprocket tightens to the LEFT. These special tools can be purchased from Prime and will work on all Prime pedal karts and most other brands.



4. Tires and wheels

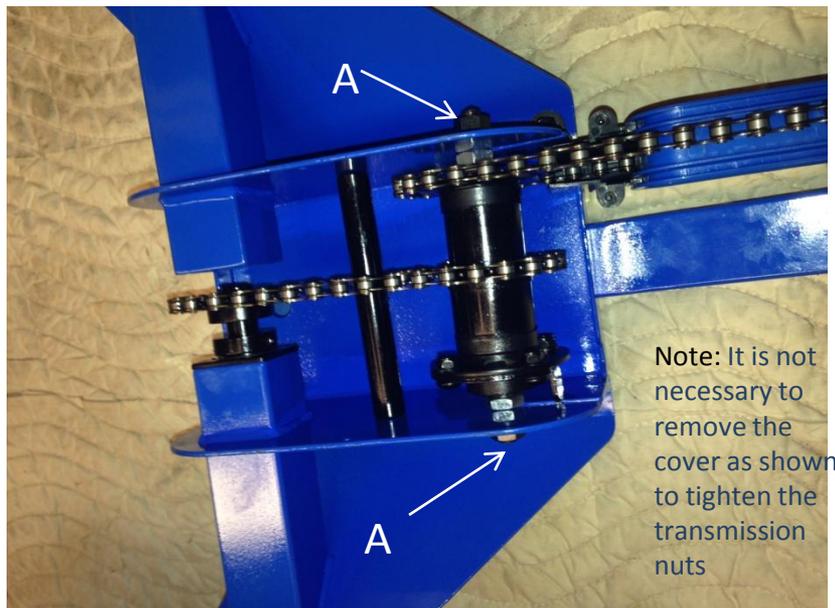
The wheels are made out of a strong flexible elastomer that allows it to slightly flex if there is impact, unlike a metal spoke rim that will dent and be damaged. If you notice any cracks in the rim, replace it. If the wheel bearings become damaged, replace them as soon as possible. The proper tire pressure is 30 PSI for all wheels. **DO NOT EXCEED 35 psi.** Tires should be checked daily. If the tires become worn or damaged, replace them immediately.



5. Rear drive axle

If you notice a noise from the rear transmission box, it is likely that the drive sprocket set screw or collar set screw has come loose and is causing a chain alignment problem. Remove the transmission cover as described in section 3. Loosen set screw on the rear axle drive sprocket to align the sprocket with the transmission. Once aligned, re-tighten set screws.

6. Coaster brake/transmission



The mounting nuts (A) need to be checked for tightness weekly. If they loosen up, damage to the transmission, chain or sprockets may occur. (See section 2 for chain adjustment).

There are no user serviceable parts with the coaster brake. If the part becomes worn or damaged, replace it with a new coaster brake.



7. Frame

The frame of the pedal kart is made from strong steel tubing and is protected with durable powder coat paint. If the powder coating becomes damaged, touch up paint can be purchased from Prime to keep the frame from rusting.

A complete listing of genuine PRIME spare parts can be found at www.primekarts.com