

Maintenance

Prime Pedal Karts are designed and built to stand up to the most demanding use. But just like a car or truck, routine maintenance is required to keep your pedal kart performing for many years of use.

Item	Commercial Use	Consumer Use
Front chain tension	Weekly	Monthly
Rear chain	Every 2 weeks	Every 3 months
Crank bolts	Weekly	Monthly
Wheels and tires	Daily	Daily
Steering adjustment	Weekly	As needed
Grease front axles	Monthly	Every 6 months
Transmission	Weekly	Every 6 months
Frame	Weekly	Monthly
Nuts, bolts & pedals	Daily - check for tightness	Daily - check for tightness

Please Note: Periodic maintenance must be performed on your pedal kart to keep it in safe and good working order. The items listed here 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 an authorized dealer. Current replacement parts for your model can be found at our website www.primekarts.com

1. Drive Chain

The chain used on your Prime Pedal Kart is a heavy duty chain that is used on professional BMX type bicycles and has a high tensile strength for rugged use. However, like all chains, they will stretch with use over time. It is important that they be checked for proper adjustment. To check the front chain, remove bolt (A) and lift the top chain guard. There should be about 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 bolt (B) and nut (C)

To tighten the chain, turn nut (D) clockwise to tighten the chain. Turn counter-clockwise to loosen. After the proper chain tension is set, re-tighten (B) and (C)



2. Rear Chain

Remove the top and bottom chainguard and loosen the front chain as described in the previous step.

Next, take off the rear transmission cover by removing the 3 bolts.

Next, loosen the nuts on the outside of the transmission cover and slide the transmission forward to tighten the rear chain. The chain should have about 1/4" up and down movement in the center. When the chain is set at the desired tension, re-tighten outside nuts on the transmission. The rear chain should be checked after the first week of use. Then again monthly for commercial and rental use, yearly for consumer use.

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



3. Crank bolts

Using a 14mm socket, check that crank bolts are tight. Be careful not to over tighten. Check the bolts weekly to make sure they have not come loose.



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 rim that will dent and be damaged. If you notice any cracks in the rim, it's time to replace it. The wheels on Prime Pedal Karts are universal for the coast wheels and drive wheel. If the wheel bearings become damaged, replace them as soon as possible. The proper tire pressure is 28 PSI for all wheels. **DO NOT EXCEED 28 PSI.** Please note, low tire pressure can also cause an issue by putting stress on the inner tubes, especially when applying the brakes to the rear tires. Tires should be checked daily in commercial rental use. If tires become worn or damaged, replace them immediately.

5. Front axles and steering column

Grease the steering wheel column and both front axle zerk fittings every 3 months. Wipe off the excess grease after you have greased the axle.

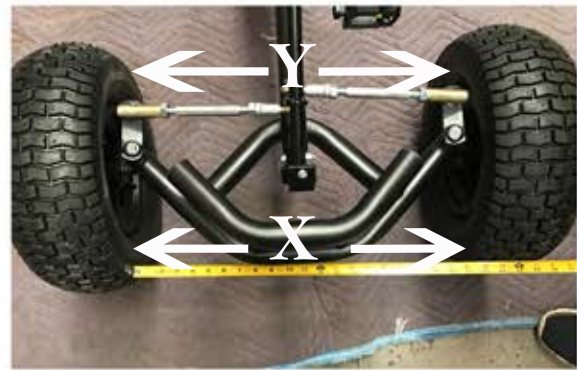
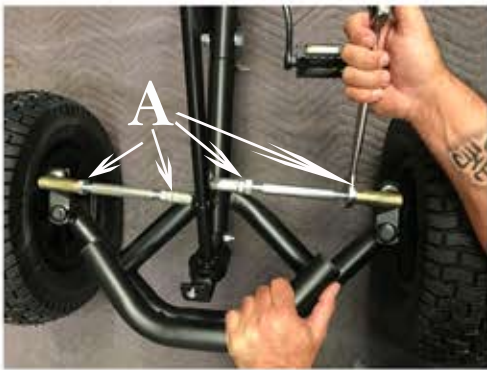


6. Steering adjustment

If the front wheels are hit hard during impact, it is possible for the front end of the pedal kart to go out of alignment. The signs of this are excessive or uneven wear on the front tires. To adjust the front wheels, first make sure the steering wheel is centered, then loosen all 4 jam nuts (A) on the tie rods. Next, turn the center of each tie rod to move the front wheels closer together, or further apart.

The dimensions from inside front tire to inside front tire (X) should measure the same as the inside back tire to inside back tire (Y)

Make sure to retighten all 4 jam nuts.



7. Rear axle and sprocket

Production models after June 2012 have removable axles and adjustable rear sprockets.

To adjust the sprocket, loosen the set screw to align the sprocket with the sprocket on the transmission



8. Coaster brake/transmission

The mounting nuts need to be checked for tightness bi-weekly. If they loosen up, damage to the transmission may occur. See section 2 for chain adjustment.

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

9. Steel Frame

The frame of the pedal kart is made from strong heavy wall steel tubing and is protected with durable powder coat paint. If the paint coating becomes damaged exposing the bare steel, touch up the area with any type of close match spray paint. to keep the frame from rusting.