



2022 MODEL XL-4

# Assembly Instructions and Maintenance Guide



1. **Unpack your Prime Kart.**  
Remove the top box and lay out all pedal kart components to verify nothing is missing from the package.



**Box contains the following:**

- |                  |                  |
|------------------|------------------|
| 1 front assembly | 1 rear assembly  |
| 1 drive wheel    | 3 coast wheels   |
| 1 seat           | 1 seat frame     |
| 1 front spoiler  | 1 steering wheel |
| 1 hardware bag   | 1 fender set     |
| 1 safety flag    |                  |



2. **Unpack the hardware set located inside the steering wheel bag.**



**Assembly set includes:**

- Wheel hub caps Qty 4 (A)
- Frame connection bolt assembly (B)
- Spoiler mounting brackets Qty 2 (C)
- Seat/seat frame hardware (D)
- Steering wheel cap (E)

**NOTE:** All other hardware is threaded into the corresponding location.  
**DO NOT** remove any of the hardware until the you get to that part of the assembly.

**Installation tools.needed for assembly:**

- 1/4 or 3/8 drive ratchet sockets: 13mm, 17mm, 19mm
- 19mm wrench
- Rubber mallet
- 6mm allen wrench (only for Charger model)



# Rear Bumper Assembly Instructions

ONLY FOR CHARGER MODEL

(For Blizzard, Daisy, Trailblazer and Ranger models, skip to the next page)

**a.**

Unpack the rear bumper frame and remove all of the packing material. You will find all of hardware needed to install the rear bumper assy to your pedal kart already pre-attached to the frame.



**b.**

Remove the hardware from all 3 tab locations using a 6mm Allen wrench and a 13mm socket.



**c.**

Slide the rear bumper assembly under the brake arm until its all the way up as far as it can go.



**d.**

Align the metal channels of the rear bumper frame onto the rear square frame of the kart and re-assemble the hardware onto all 3 tab locations until tight.

3.

Install the rear fenders.

Locate the 2 fenders and identify the left and right fender by looking on the inside of the fenders and find L for left and R for right.



Install the fenders by sliding them over the fender support bracket as shown and lightly tap them with a rubber mallet. You may need to move the hand brake lever tab to fully install the right side fender.



4.

Locate the drive wheel.

The drive wheel does not have a bearing on each side like the coast wheels do. Instead there is a bushing on one side and a star pattern on the other side.

Using a 17mm socket, remove the bolt and washer from the drive side of the rear axle. Slide the drive wheel over the square on the drive axle until the inside of the wheel makes contact with the stop washer. A rubber hammer may be used. Reinstall the bolt and washer and tighten



5.

Using a 17mm socket, remove the bolt and washer from the coast side of the rear axle. Remove ONLY the metal spacer from the axle. (NOT the plastic spacer) from the axle. Slide the coast wheel on the axle with the air fill valve facing inward. Reinstall the bolt and washer and tighten using the 17mm socket.



6.

Slide the metal seat frame into the slot on the back of the plastic seat and line up the hole on the seat frame with the hole on the seat.

Insert the seat bolt (D) through the plastic seat then attach the washer and nut (D) on the back of the metal seat frame using a 13mm wrench or socket.

7. Place the seat in the last seat position and stand the kart up on end, resting on the seat back (or the back bumper).



8. Remove all pre-assembled hardware: 2 bolt assemblies from the front axles (17mm socket), 1 bolt from the end of the steering shaft (13mm wrench), 1 screw from the front of the spoiler mount bracket (Phillips), 2 bolts and washer from the top of the rear frame for bracing rod (17mm wrench) and 1 bolt from the steering wheel mounting plate (13mm socket)



9. Slide the front assembly into the tube of the rear assembly



10. Slide the end of the steering shaft into the end connection bearing. Thread the bolt and washer into the end of the steering shaft. Do NOT tighten.



11. Line up the 2 holes for the steering shaft bracing rod with the holes in the top side of the rear frame. Install 2 bolts and washers and tighten using a 17mm wrench.



12. Tighten the end connection bolt to the end of the steering shaft using a 13mm socket.



13.

Install the frame connection bolt, washers and nut through the top of the frame just in front of the steering bracing rod and pedals.

Tighten using a 19mm wrench and socket.



14.

Install both front wheels and tighten using a 17mm socket. The valve stems should face inward while installing the wheels



15.

Install the Phillips head screw through the hole at the bottom of the spoiler into the metal tab on the kart. Do not tighten all the way.



16.

Place the plastic top of the spoiler over the metal support brackets as shown below, then slide the metal clips (C) onto the metal brackets where the spoiler sits, then position it with the washer on the outside towards the locking nut and tighten using a 13 mm wrench or socket.



17.

After the bolts are tight on the top of the spoiler mount, tighten the screw at the bottom of the spoiler using a Phillips screwdriver.



18.

Remove bolt from the steering wheel metal plate.



19.

Place steering wheel over the triangle plate. Install bolt and washer. Tighten the bolt and washer tighten using a 13mm socket.



20.

Snap the steering wheel cap (E) into place using a rubber hammer.



21.

Snap the wheel caps (A) into place on all 4 wheels using a rubber hammer.





**Check all the nuts and bolts to be sure they are tight as some may have loosened up during transit.**

**Pay special attention to check the crank arm bolts.**

**Check the tire pressure on all 4 wheels regularly and inflate to 28 PSI.**

**Overinflating the tires can be dangerous and cause damage as well as personal injury.**

**Install the safety flag into the flag holder that's welded onto the rear right frame.**

**It's normal for the front chain to stretch, especially during the first 8 hours of riding. After the initial use of 8 hours, check the chain tension and re-check that all bolts are still tight.**

**Once your Prime Pedal Kart is assembled and all bolts are tight, you are ready to ride!**

**[www.primekarts.com](http://www.primekarts.com)**

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