

# Servicing Or Upgrading Wheeliez® & Roleez Wheels

Instructions below are to guide you in servicing or upgrading Wheeliez® & Roleez wheels.

Wheel & Bearing Reference Chart	
11.8" X 7"(30cm) wheel:	1/2" plastic sleeve bushing standard
	3/4" stainless steel ball bearing optional
	1" stainless steel ball bearing optional
16.5" X 7.9"(42 cm) wheel:	1" stainless steel ball bearing standard
	3/4" stainless steel ball bearing optional
19.3" X 9"(49 cm) wheel:	1" stainless steel ball bearing standard
	3/4" stainless steel ball bearing optional

## Replacement Of Sleeve Bushings On The 30cm Wheels

1. Remove 4 bolts from wheel
2. Remove gray plastic retainer rings (1 on each side of wheel)
3. Before disassembly take note of how the existing black plastic bushing sleeve is sitting in the wheel hub
4. Remove black plastic bushing sleeve from wheel hub (1 on each side of hub)
5. Insert the new bushing sleeve(s) into each side of hub. They are designed to seat into the hub only one way
6. If your wheel is being used on a Wheeliez Folding Beachcart or Roleez Sports Caddy be sure to mount the slotted sleeve on the outside or front of the wheel & the non-slotted sleeve on the inside or rear of the wheel
7. Replace gray plastic retainer rings over newly inserted bushing sleeve(s)
8. Replace 4 bolts being careful not to over tighten or you will crack the retainer ring.

**Note:** During re-assembly you may need to let some air out of the tires in order to get the nuts started on the bolts. Re-inflate to 2-4 lbs psi after tightening bolts.

## Change Sleeve Bushings To Bearings On The 30cm Wheels

1. Remove 4 bolts from wheel (set them aside you will not be using them)
2. Remove gray plastic retainer rings (1 on each side of wheel)
3. Take note of how the existing black plastic bushing sleeve is sitting in the wheel hub
4. Remove black plastic bushing sleeve from wheel hub (1 on each side of hub)
5. While still in the package, Inspect how the new bearings are assembled in the cellophane bag. Do not separate any of the felt seals or plastic ring from the bearing when you open the bag. If there is a rubber band around the bearing it is only to hold it together in shipment. It should be removed at time of assembly
6. Insert a new bearing into each side of hub (Make sure to keep all the felt seals & plastic ring in the same order as when packaged) The base or fatter part of the bearing with the white plastic ring is made to seat into the hub only one way
7. Replace gray plastic retainer rings over newly inserted bearing
8. Insert new longer bolts\* being careful not to over tighten or you will crack the retainer ring.

**Note:** During re-assembly you may need to let some air out of the tires in order to get the nuts started on the bolts. Re-inflate to 2-4 lbs psi after tightening bolts.

\* Longer bolts available at additional cost Order part # BC-175 - Conversion Stainless Steel Nuts & Bolts

## **Changing Or Replacing Bearings On The 42cm & 49cm Wheels**

1. **Remove 4 bolts from wheel**
2. **Remove gray plastic retainer rings (1 on each side of wheel)**
3. **Take note of how the existing bearing is sitting in the wheel hub before removing**
4. **Remove bearing from wheel hub (1 on each side of hub)**
5. **While still in the package, Inspect how the new bearings are assembled in the cellophane bag. Do not separate any of the felt seals or plastic ring from the bearing when you open the bag. If there is a rubber band around the bearing it is only to hold it together in shipment. It should be removed at time of assembly**
6. **Insert a new bearing into each side of hub (Make sure to keep all the felt seals & plastic ring in the same order as when packaged) The base or fatter part of the bearing with the white plastic ring is made to seat into the hub only one way**
7. **Replace gray plastic retainer rings over newly inserted bearing**
8. **Replace bolts being careful not to over tighten or you will crack the retainer ring.**

**Note: During re-assembly you may need to let some air out of the tires in order to get the nuts started on the bolts. Re-inflate to 2-4 lbs psi after tightening bolts.**