

# QUICK ASSEMBLY GUIDE

**ATTENTION!** Incorrect assembly, modifications or manipulation may cause serious damages to your bike and make it unsafe. It may also void the warranty. Your bike must be assembled, adjusted and tested by an Authorized Maxarya Dealer before being delivered to you.

## STOP! PLEASE READ THE SERVICE AND OPERATION GUIDE AND THE MANUALS COME WITH THE BIKE FIRST.

Maxarya recumbents are assembled up to 80% at our facilities in Concord, Canada. All necessary items to finalize the assembly are included. For final assembly and adjustments please carefully read the included manuals and follow the steps below.

**1-** First carefully bring the frame and handlebar stem out from the box holding them together.

**2-** Carefully unwrap the frame and stem. Don't cut the ties from rear shock and cable holders yet.

**3-** Assemble the front fork. Keep the order of the head set parts. (Fig. 1) Tighten the fork cap. The fork must twist freely but not loose. Now you can adjust the rebound control of the fork using a 6mm Hex key. (Refer to Service manual for details).

**4-** Place the Handlebar stem over the fork assembly. Align the stem and handlebar with the front wheel precisely. Tighten the stem locking bolts to 75-95 In/Lbs.

**5-** The cable housing and cables are already arranged and tied to the stem. Cut the ties and put the lower cable housing inside the cable stoppers.

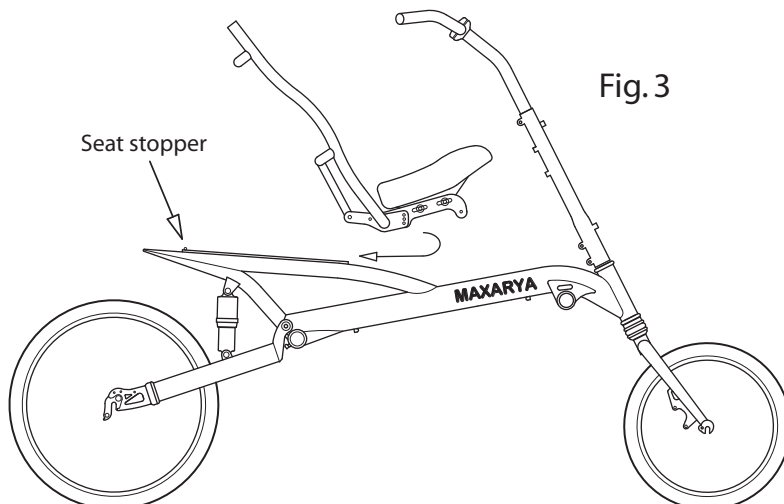
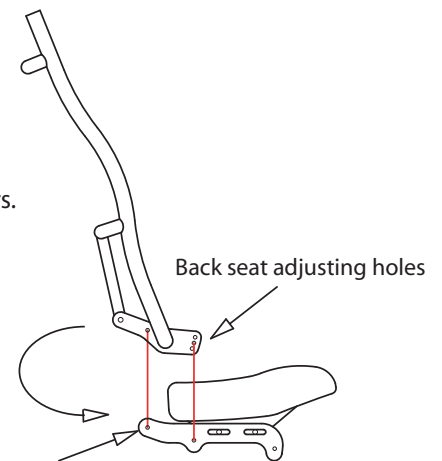
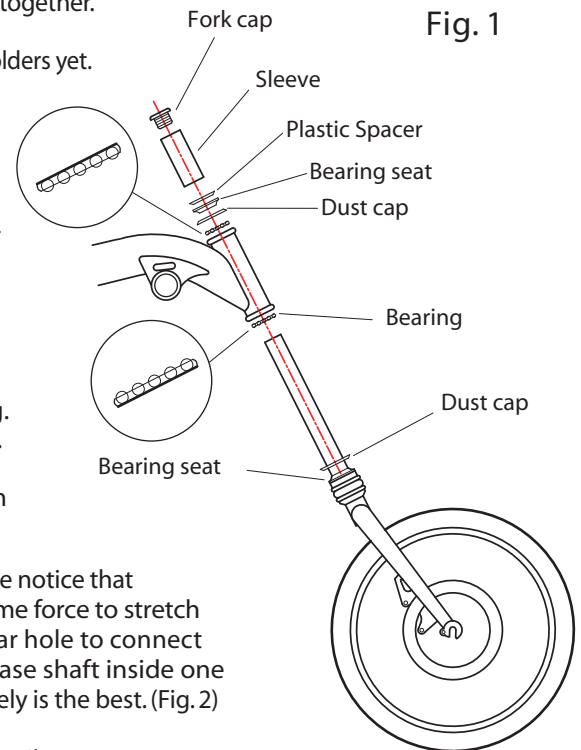
**6-** Reinstall the rear derailleur. It is removed for protection during shipping. It is already adjusted and tested. Read the included manual to avoid any mistake.

**7-** The rear shock is assembled to its lower bolt. Install the upper bolt and tighten both bolts to 95-130 In/Lbs.

**8-** To assemble the seat enter the seat base clamp inside the seat back plates. Please notice that the slides and extension springs are already installed. You may need to apply some force to stretch the plates to create enough clearance. Enter the quick release shaft inside the rear hole to connect back seat frame and seat clamp assembly together. Now enter the quick release shaft inside one of the three holes of your choice. For Ray-1/Ray-1X the first hole from top more likely is the best. (Fig. 2)

**9-** Align the alloy rear slides and carefully enter the assembled seat into the seat rail from front of the seat rail. Hold the seat and enter the front slides into the seat rail. Be careful not to scratch the paint. Adjust the seat and tighten the quick release clamps. Adjust the seat position and tighten its two locking bolts using two 5mm Hex key from both sides to 75 In/Lbs. (Fig. 3)

**10-** Install the kickstand using the two supplied bolts. Follow the instruction card come with it. Tighten the bolts to 95 In/Lbs. Install fenders using the included hardware. They need some adjustments to fit the wheel properly. Check the clearance between the wheels and fenders.



**11-** Install the pedals. Control the marks "L" and "R" on pedals and crankset arms. Tighten them to 130 In/Lbs.