

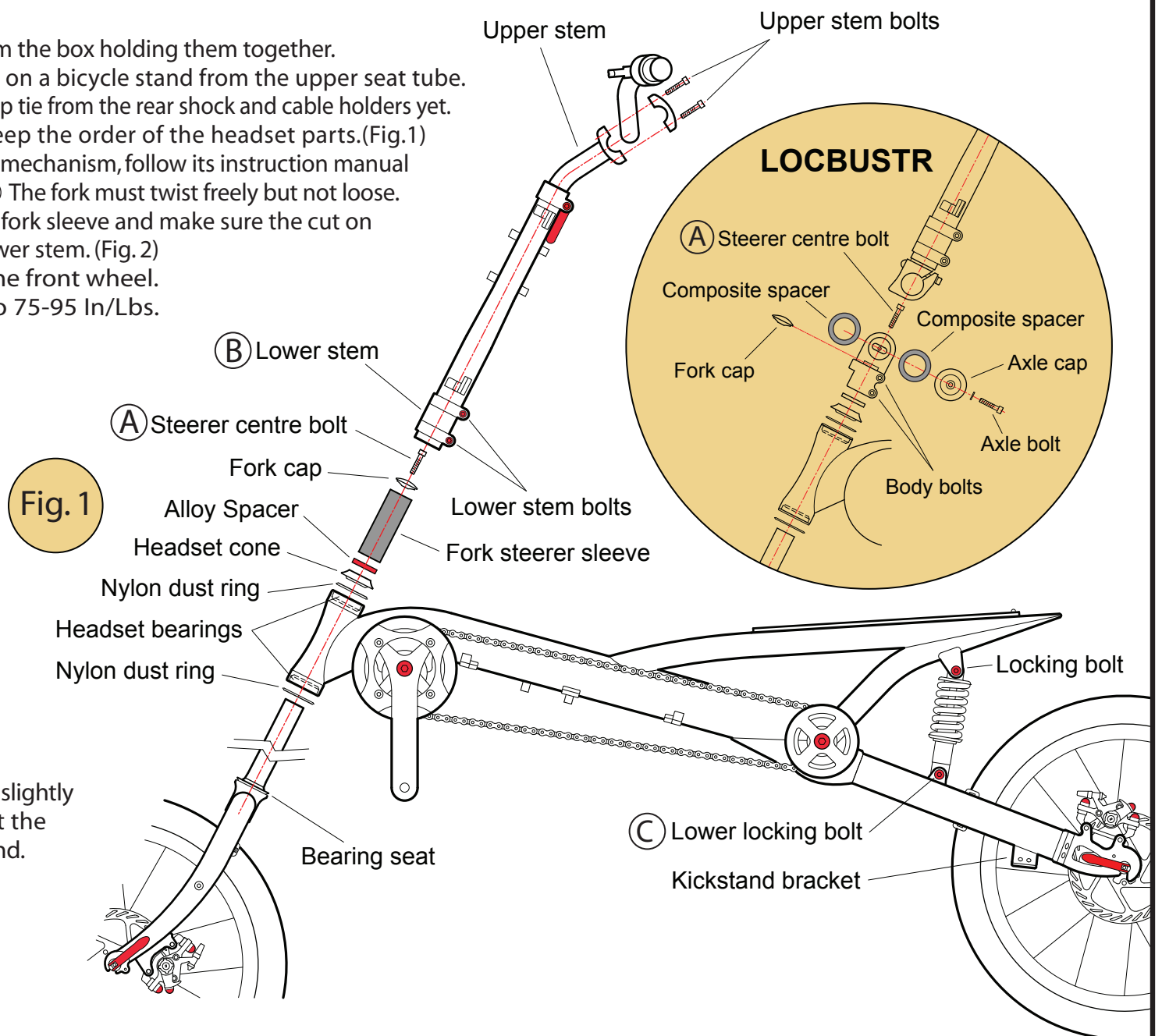
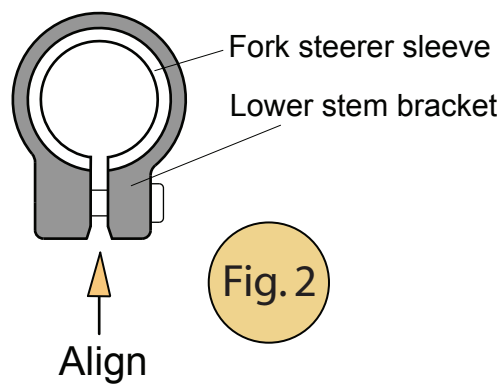
# MAXARYA RAY 2 ASSEMBLY GUIDE

**ATTENTION!** Improper assembly, modifications or manipulation may cause serious damages to your bike and make it unsafe.

**STOP! SAFETY FIRST! - PLEASE READ THE SERVICE AND OPERATION GUIDE AND THE MANUALS CAREFULLY.**

The major parts of your new MAXARYA recumbent are already assembled. All necessary items to finalize it are included. For final assembly and adjustments, carefully follow the steps below. Please keep this guide for your future reference.

- 1-Bring the frame and handlebar stem out from the box holding them together. For easier access and control, place the frame on a bicycle stand from the upper seat tube.
- 2- Unwrap the frame and stem. Do not cut the zip tie from the rear shock and cable holders yet.
- 3-Assemble the front fork and wheel first. Keep the order of the headset parts.(Fig.1) If your bike comes with the **LOCBUSTR** folding mechanism, follow its instruction manual carefully. Now tighten the steerer centre bolt. (A) The fork must twist freely but not loose.
- 4- Place the handlebar lower stem (B) over the fork sleeve and make sure the cut on the sleeve stays aligned with the slot of the lower stem. (Fig. 2) Precisely align the stem and handlebar with the front wheel. Tighten the two bolts of the lower stem to 75-95 In/Lbs.



- 5-Install the handlebar on the upper stem and slightly tighten its two bolts. You may want to adjust the handlebar and controls to your liking at the end.
- 6-The cable housings and inner cables are already arranged and placed in order. Make sure they are staying in their cable holders.

- 7-The rear shock is assembled to its upper bolt. Install the lower bolt (C) and tighten both bolts to 95-130 In/Lbs.
- 8- Install the pedals. Control their "L" / "R" marks to match with the ones on the crankset arms. Tighten to 130 In/Lbs.
- 9- Install the kickstand by following its manual and using included hardware.
- 10- Now, bring the bike down from the bicycle stand and place it on the floor.
- 11-For seat assembly, enter the seat base clamp (D) inside the seat back plates (E). (Fig. 3) The seat's quick releases, slides and extension springs are already installed. Enter the quick release shaft inside the pivot hole (F) to connect the back seat frame and seat clamp together. Enter the middle quick release shaft inside the top one of seat back plate's holes passing through seat base clamp. (For Ray 2 models the first hole from top is most likely the best.)

- 12- To install the completed seat on your bike, align the rear slides (G) with the front of the seat rail and carefully push the seat over it. (Fig. 4) **To avoid scratching the frame, keep the seat tilted backward.** By holding the seat, push it backward until reaching the front slides. Lower the seat and align the front slides (L) with the front of the seat rail. Now, by pushing the seat, enter the front slides over the seat rail. (Fig. 4)

- 13-For the final adjustments, sit on the saddle and examine your posture, the pedals, handlebar and controls' reach. You may need to adjust the shifters or brake levers to your liking. Follow the instruction manual of each part/component for details. The saddle can be adjusted forward/backward. It can also be tilted upward/downward for 7 degrees. Adjust the saddle position best to meet your physique and comfort. After adjustment, tighten its two locking bolts (H) using two Hex keys from both sides to 75 In/Lbs. Tighten all three quick releases properly to avoid any slippage of the seat. Adjust and tighten the cable bolts on the front and rear disc brakes. The left chain's tension is adjustable using an eccentric bottom bracket shell. It is already adjusted and a bit of extra tension is normal. It will settle as it stretches slightly after a few rides. For any future adjustment, refer to the service and maintenance manual of your bicycle.

Make sure all the bolts and quick releases are tightened properly. If you need to fold the swing arm for transportaion, follow the folding instruction lable on the right side of the swing arm of your bicycle. Follow the service manual to inspect and maintain your bicycle regularly. Do not ride your bike if you detect any crack or damage to the frame, steering parts or other major parts such as the seat frame and brakes. For further assistance contact your dealer or Maxarya Tech Services: [tech@maxarya.com](mailto:tech@maxarya.com)

**For your safety wear a helmet anytime riding your bicycle.**

**Ride on!**

