

XO® 4

Exchange kit KT-001,2,3 for lower part bridge
and forearm link2



YB-798
Version 1.10

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Needed tools.

1. Hammer.
2. Seeger ring removal tool.
3. Cylindrical punch.
4. Box spanner.
5. Blanket
6. ESD wristband

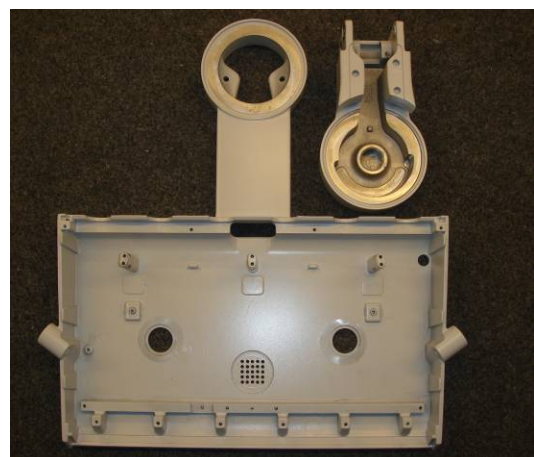


WARNING:

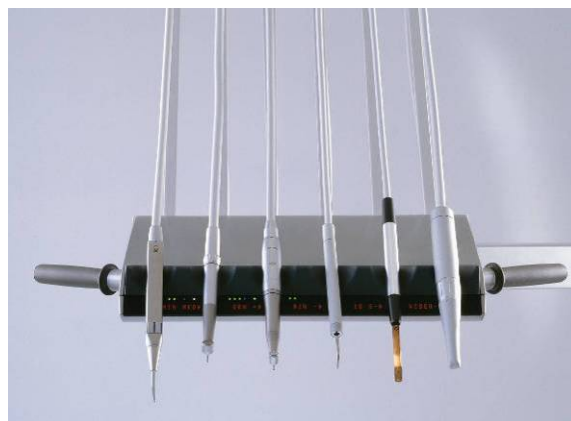
When making changes and handling electronics in the instrument bridge – always use ESD antistatic wristband (UC-600).



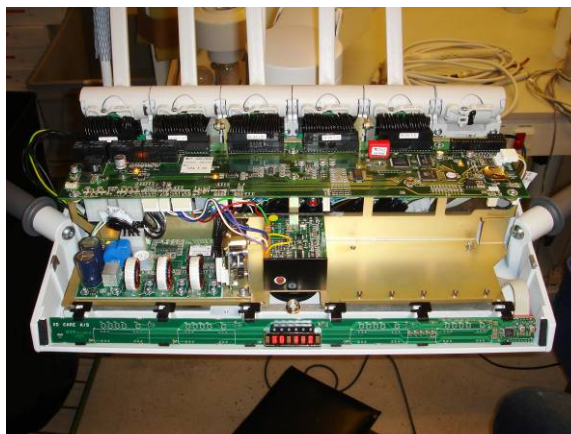
The complete kit KT-001,2,3



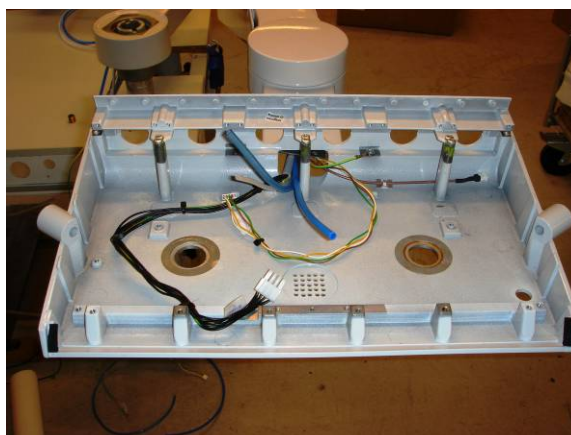
Remove all instruments and suspension arm, take of the end caps and remove the top cover of the bridge.



Remove the front panel, electronics, the valve block and the handles from the bridge.



Draw the cable and the tube back to after the forearm link2.



Do not dismount the horizontal locking mechanism from the cable and tube.



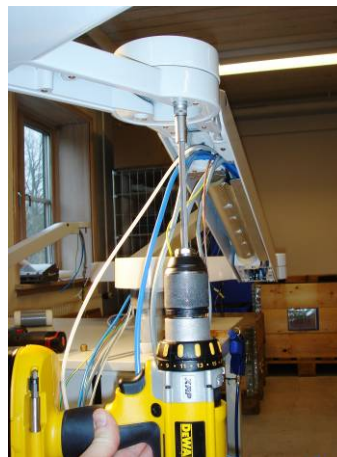
Loosen the brake screw.



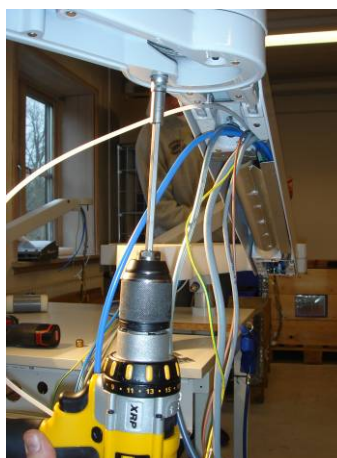
Loosen the balance screw so the arm is not so tight anymore.



Unscrew the first hex nut which holds the lower part of the bridge.



Unscrew the second hex nut which holds the lower part of the bridge. (please observe that the lower part of the bridge will now come loose)



Now you will have to remove the axel holding the U-profile with a cylindrical punch.



Lift up the U-profile carefully and put some soft tissue under to avoid scratching the paint.



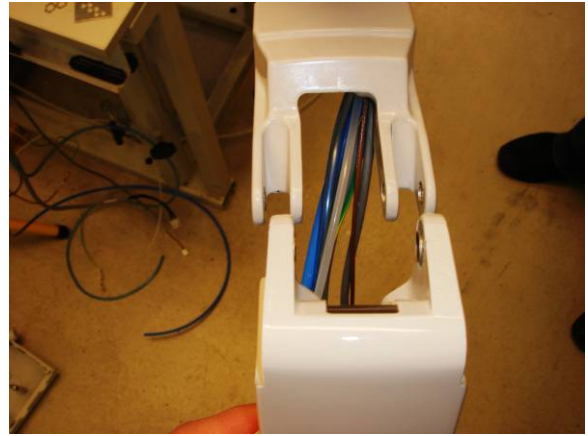
The forearm link2 will now be hanging freely and can be removed by removing the left seeger ring.



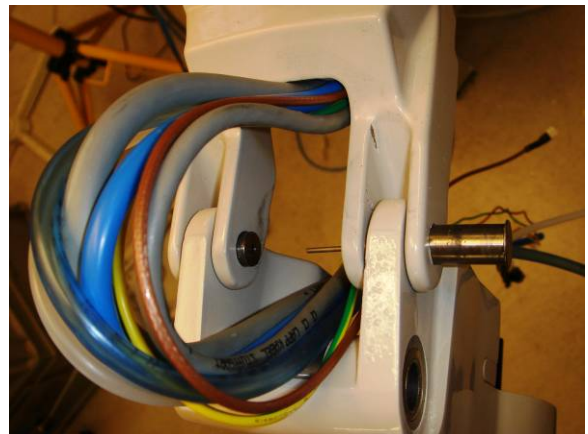
Remove the right seeger ring.



Remove the two axles by gently pressing them out with your finger.



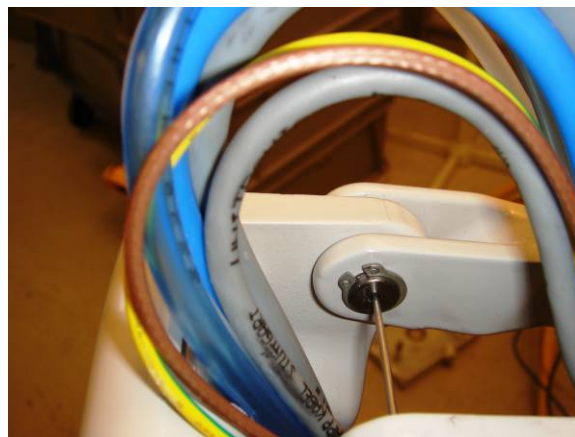
Mount the left axle and put the cables and tubes in, make a loop like shown on the picture and mount the right axle together with the cable holder pin.



The loop on the cables and tubes.



Mount the seeger ring on the left and right axle.



Pull down the cables and tubes.



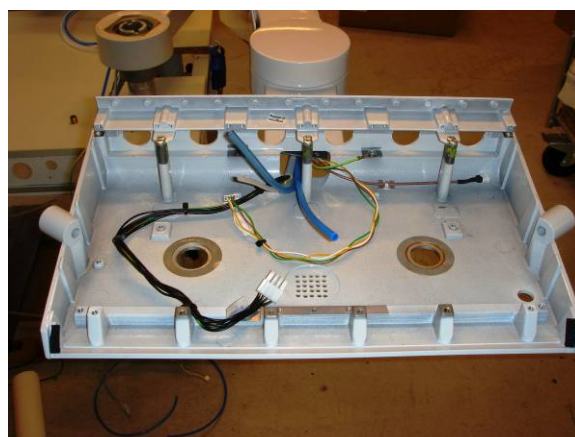
Lift up the forearm link2 and U-profile. Mount the axle removed previously.



Be careful not to damage the nylon bearings inside the U-profile.



Put the cable and tube through the lower part of the bridge.



Mount the roller bearing between the two washers.



Mount the lower part of the bridge on the forearm link2.



Screw the forearm lower part together with the forearm link2 by using the hex nut and the washer, (NB: use the new one. Supplied in KT-00X Kit).

Tighten the hex nut so much that you can feel it is start tighten and then screw one half anticlockwise, do the same with the other hex nut, now take the torque wrench and tighten the two hex nuts to a torque of **2 Nm**. Make sure parts still moves easily from side to side.



Adjust the brake in forearm link2.



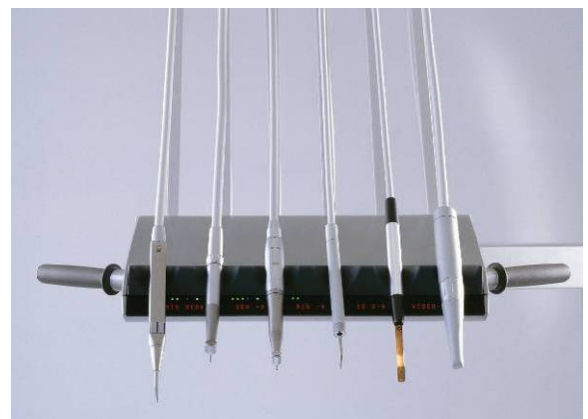
Control the level on the newly mounted lower part by applying a spirit level to the underside as shown on picture. If not in level then level it in according to level instruction of bridge lower part. (YB-797)



Mount the parts in the bridge that you removed previously.



Mount the bridge top cover and instruments and test the XO 4 unit.



Adjust the balance force proportioned to the max.
Weight the dentist uses at the tray (if used).



Tighten the brake so that the arm force is as the
dentist wants it.

