

# **XO 4 / XO FLEX RETROFIT OF AUTO RETURN SUCTION HOLDER, CHAIR**

YB-992  
Version 2.00

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**This instruction is valid for the following part numbers.**

**XO-203** Suction with Auto Return Holder on left side of XO Chair.

**XO-204** Suction with Auto Return Holder on right side of XO Chair.

**XO-205** Suction with Auto Return Holder on both sides of XO Chair.

**XO-206** Retrofit XO Auto Return Holder for suction on left side of XO Chair.

**XO-214** Retrofit XO Auto Return Holder for suction on right side of XO Chair.

## 1. Tools



## 2. Remove the blinder.



3. If the unit is fitted with a lumbar support, disconnect the air hose from the electro valves quick fittings in the chair seat, and pull the hose out.

If the chair is already equipped with a spindle (newer models, see picture in step 10), ignore steps 4 to 10.



4. Unscrew hexagonal screw.



5. Pick the new MG-783 Threaded bushing from the kit and add Loctite 243 (UH-053) to the front part of the thread, before fitting.

**NB: Do not add Loctite to the brass bushing.**

Now mount MG-783 in the patient chair. Tighten to torque approximate 4 Nm.



6. Mark the 3 holes using the spindle supplied.



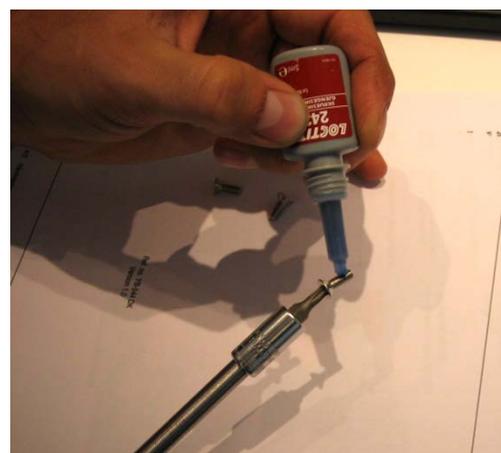
7. Drill the 3 holes using an  $\varnothing 3.3$  mm drill to a depth of min. 15 mm. It may be a good idea to drill one hole, cut the thread and fit the first screw. Then drill the other 2 holes, whilst the spindle is held in the correct position.



8. Cut M4 thread in the 3 holes. Use a small amount of cutting oil if necessary.



9. Add Loctite 243 to the installation bolts.



10. Mount the spindle with the screws supplied. Tighten the screws well, with a torque of approximately 1,5 Nm.



11. Fit cover onto the suction hose holder.



12. Pull the 4 wires from the suction hose holder out through the hole. Make sure the wires take up as little space as possible to leave room for the air hose of the lumbar support, if present.



13. If the lumbar support is fitted, lead the air hose through the same hole as the wires.



14. Carefully pull the wires (and air hose) through the hole until the suction hose holder can be fitted on the spindle.



15. Fit the cover over the hole and press the arm onto the spindle.



16. Tighten the hexagonal screw to obtain a suitable tension and friction for the arm movements.



17. Position air hose and wires as shown in the picture.



18. Adjust the tension in the forward arm.

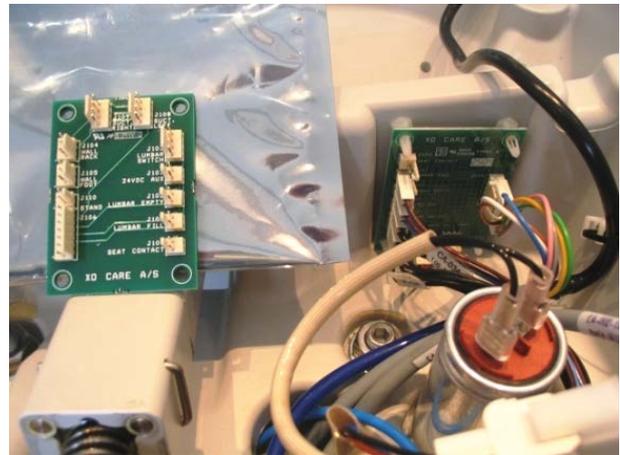


19. Fit the wires in the supplied Molex plug marked CA-045 or CA-046, as shown. Positioning:

1. Black
2. Brown
3. Red
4. Orange



20. PCB in chair (AN-960) must be ver. 1.01 when mounting suction hose holder.



21. Wires and air hose fitted to cable holder with cable binders.



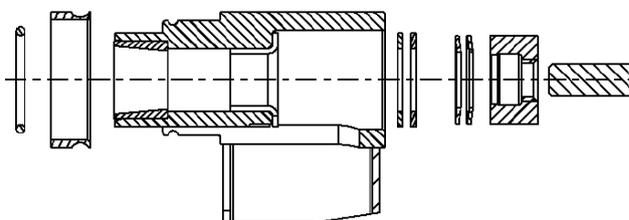
22. Connect the cable from the suction hose holder to J108 "Suct. Left" or to J109 "Suct. Right", depending on type.



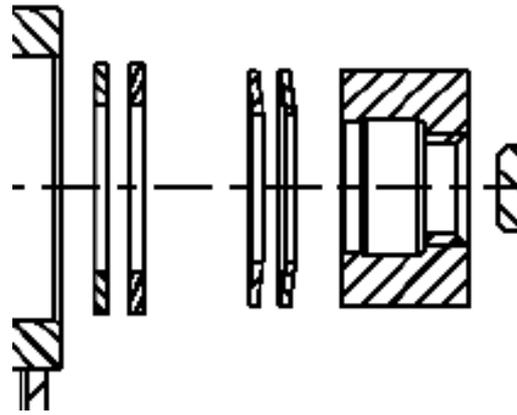
23. Place the suction hoses in the holder and switch on the XO 4. Check the suction triggers correctly.



24. Exploded view orientation of the inside washers & spring-washers.



25. Exploded view orientation of the inside washers & spring-washers



**The following should be checked after installation**

- Update to latest XO Firmware from XO Website.
- Check the “SUCT 1.01” is set to “ENABLE” in the technician menu.
- Test the suction hose holder by placing it in all outer positions.
- Adjust the tension in the pivots if necessary.
- Refit upholstery carefully on XO Patientchair