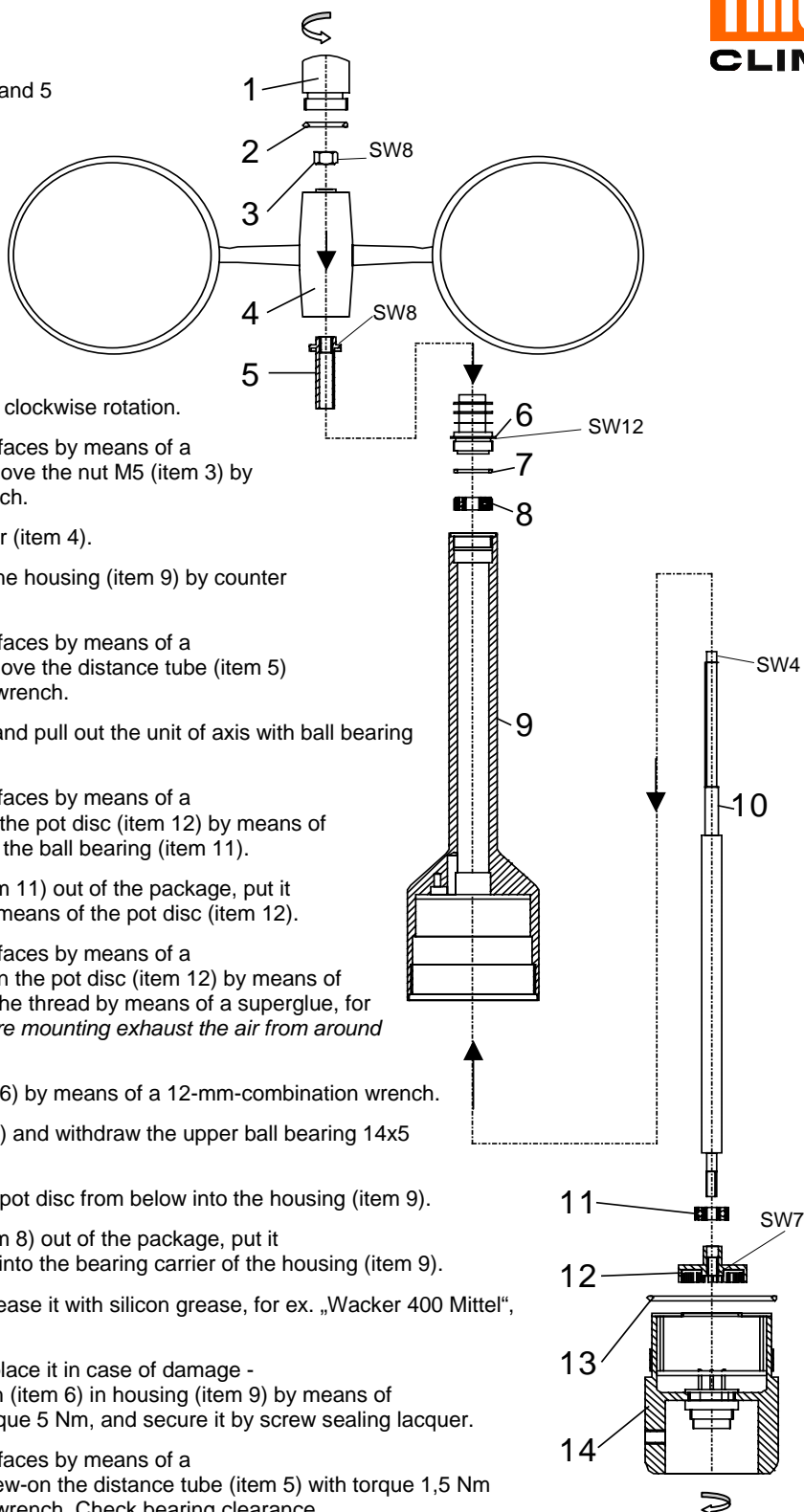


Changing Ball Bearings at Wind Transmitter 4.3350.X0.xxx

Tools:

- Combinat. Wrench SW 4 for Item 10
- Combinat. Wrench SW 8 for Item 3 and 5
- Combinat. Wrench SW 12 for Item 6
- Socket Wrench SW 7 for Item 12



1. Remove cap nut (item 1) by counter clockwise rotation.
2. Hold on the axis (item 10) at the surfaces by means of a 4-mm-combination wrench, and remove the nut M5 (item 3) by means of an 8-mm-combination wrench.
3. Pull upward and remove the cup star (item 4).
4. Remove receptacle (item 14) from the housing (item 9) by counter clockwise rotation.
5. Hold on the axis (item 10) at the surfaces by means of a 4-mm-combination wrench, and remove the distance tube (item 5) by means of an 8-mm-combination wrench.
6. Push the axis (item 10) downward, and pull out the unit of axis with ball bearing (item 11) and pot disc (item 12).
7. Hold on the axis (item 10) at the surfaces by means of a 4-mm-combination wrench, remove the pot disc (item 12) by means of a 7-mm-socket wrench, and pull out the ball bearing (item 11).
8. Take the new ball bearing 13x5 (item 11) out of the package, put it onto the axis (item 10), and fix it by means of the pot disc (item 12).
9. Hold on the axis (item 10) at the surfaces by means of a 4-mm-combination wrench, screw-on the pot disc (item 12) by means of a 7-mm-socket wrench and secure the thread by means of a superglue, for example "Cyanolit". *Important: Before mounting exhaust the air from around the thread!*
10. Remove the nut with labyrinth (item 6) by means of a 12-mm-combination wrench.
11. Remove the o-ring 11,5x1,5 (item 7) and withdraw the upper ball bearing 14x5 (item 8).
12. Insert the axis with ball bearing and pot disc from below into the housing (item 9).
13. Take the new ball bearing 14x5 (item 8) out of the package, put it onto the axis (item 10), and insert it into the bearing carrier of the housing (item 9).
14. Replace o-ring 11,5x1,5 (item 7), grease it with silicon grease, for ex. „Wacker 400 Mittel“, and insert it.
15. Clean labyrinth on nut (item 6) - replace it in case of damage - Screw together the nut with labyrinth (item 6) in housing (item 9) by means of combination wrench 12 mm with torque 5 Nm, and secure it by screw sealing lacquer.
16. Hold on the axis (item 10) at the surfaces by means of a 4-mm-combination wrench, and screw-on the distance tube (item 5) with torque 1,5 Nm by means of an 8-mm-combination wrench. Check bearing clearance.
17. Push the cup star (item 4) onto the labyrinth until the square bar steel of the distance tube (item 5) locks in place in the cup star.
18. Hold on the axis (item 10) at the surfaces by means of a 4-mm-combination wrench, tighten the nut M5 (item 3) with torque 1,5 Nm by means of an 8-mm-combination wrench, and secure it by screw sealing lacquer.
19. Replace o-ring 13x2 (item 2), grease it with silicon grease, for ex. „Wacker 400 Mittel“ and insert into the cap (item 1). Screw-on cap (item 1) by clockwise rotation.
20. Replace o-ring 45x2 (item 13), grease it with silicon grease, for ex. „Wacker 400 Mittel“ and insert it into the receptacle (item 14). Screw tight the receptacle (item 14) in the housing (item 9) until bedstop by clockwise rotation.



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