

Service Procedure

PRIMUS CE

Code No. : H951 522131 A
Date : Feb. 2006
Subject : Procedure for bearing job replacement.
Valid for : **Rigid standing washer extractors 18 kg / 40 lb and 22 Kg / 50lb**

Warning :

- Disconnect electrical power before any servicing.
- Installation, maintenance and service can be executed by skilled service personnel only.
- Replace parts only with original parts.
- After servicing replace and secure all panels in the original way.

This service instruction is intended for doing the bearing job of rigid standing washer extractors 18 kg / 40 lb and 50 kg / 50 lb

1. Removing the rear panels of the machine.

2. Removing the micro V-belts.



3. Loosing bolt M12 on the drum pulley



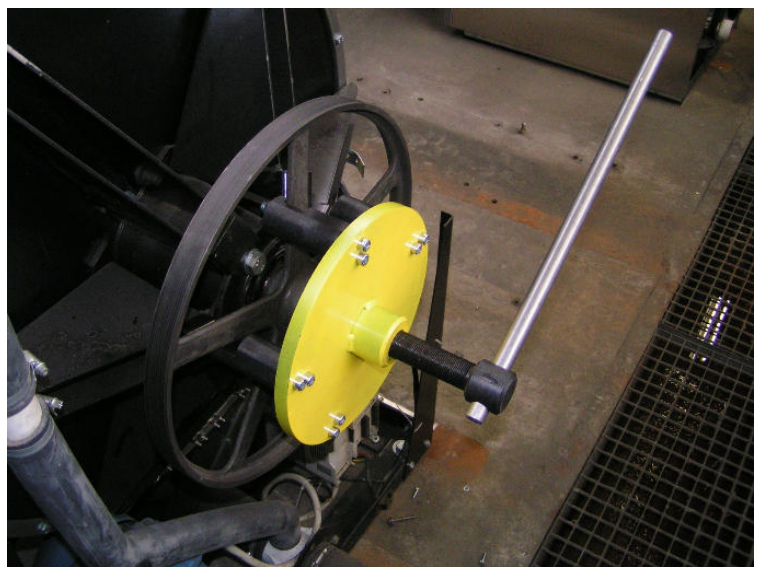
4. Assembly bolt

Tool: 518940



5. Remove drum pulley

Tool: 518936



6. We advice to move the cabinet ahead
and disconnect thermal sensor and
wiring from frequency inverter

7. shore up the rear side of tub

Tool: 518963



8. Loose two bolts M14 which fix +trunion
with frame

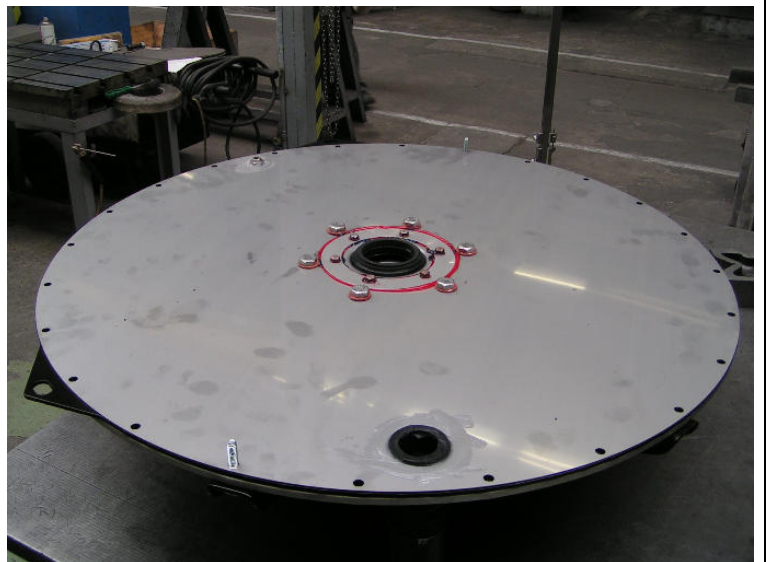
9. Removing 24 bolts around the tub +
removing drum with trunnion complete



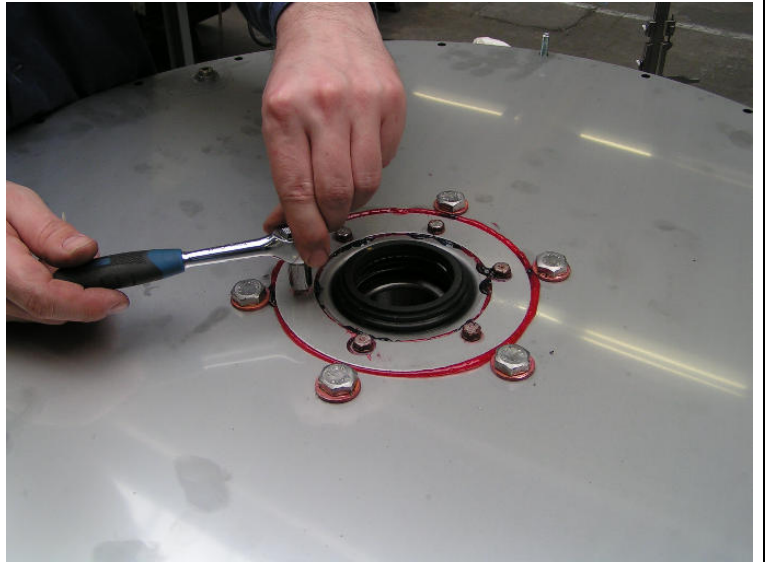
10. Assembly bolt into shaft and press
trunnion complete from shaft .
Tools: 518940+standard remover



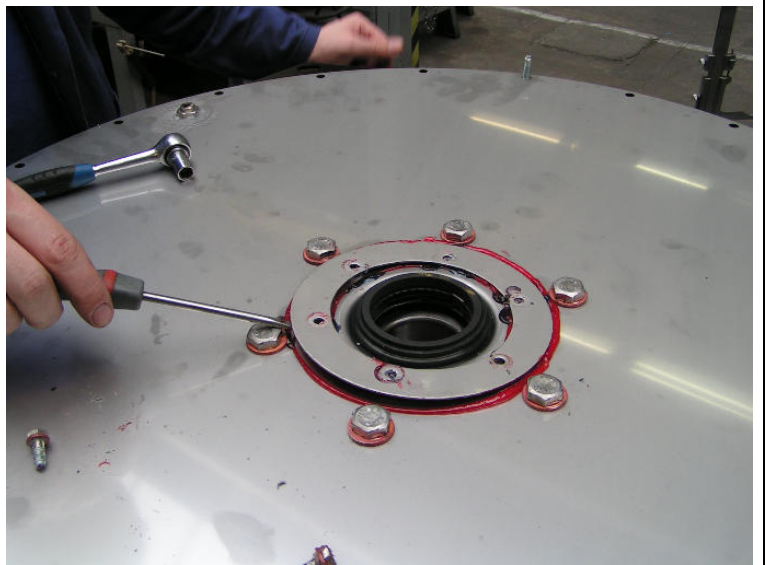
11. Trunnion complete



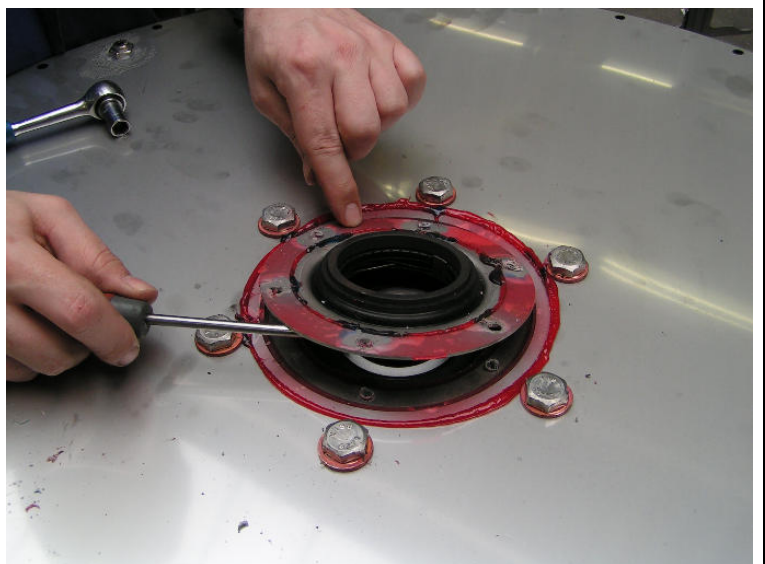
12. Removing 6 bolts M6



13. Removing cover



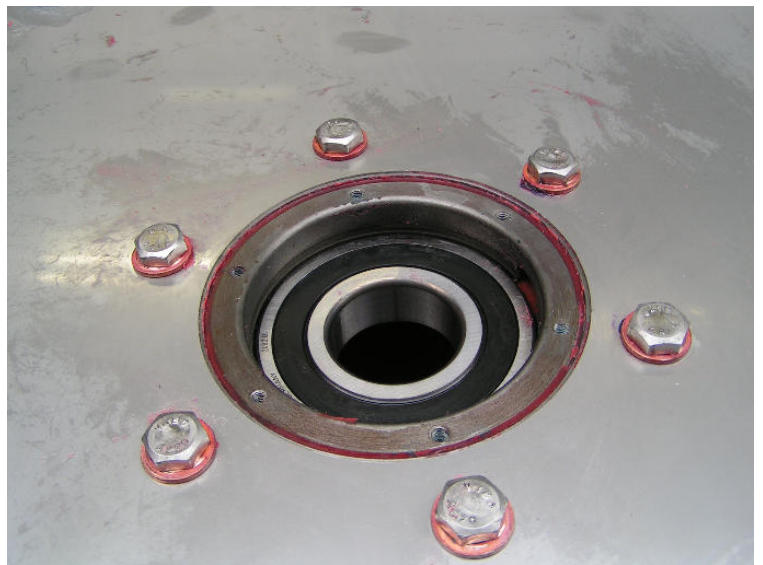
14. Removing holder of axial seal



15. Removing retaining ring

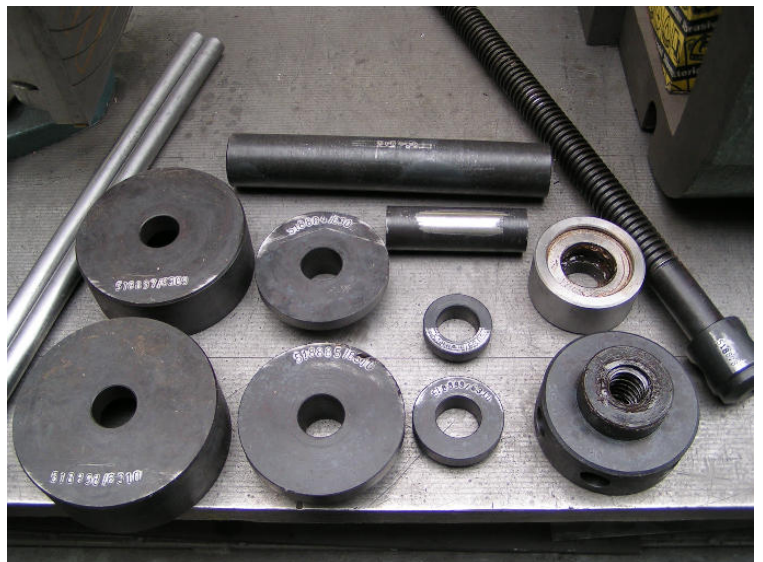


16. Cleaning area



17. Tool set for removing and assembling bearings SKF6309 and 6310

Tools: 518894, 518897, 518899, 518898, 518884, 518885, 518896, 518905, 518878



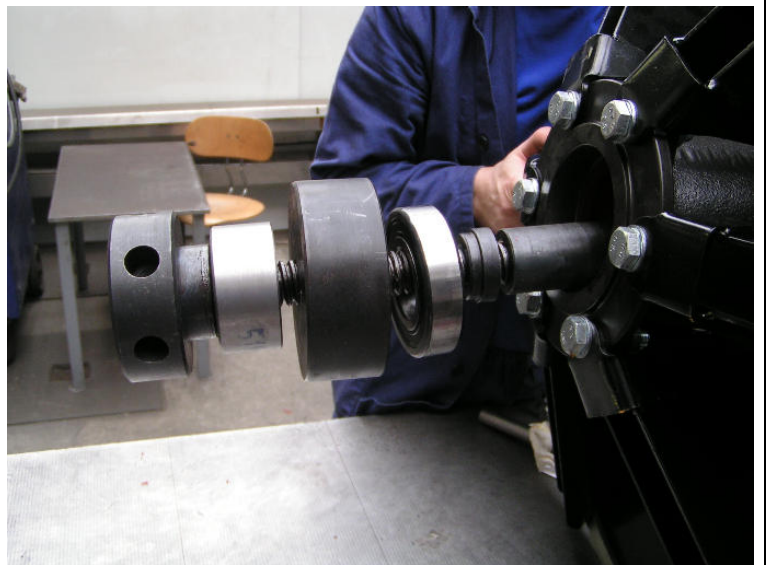
18. Preparation for removing bearing SKF 6309

Tools: 518878, 518897, 518894, 518896



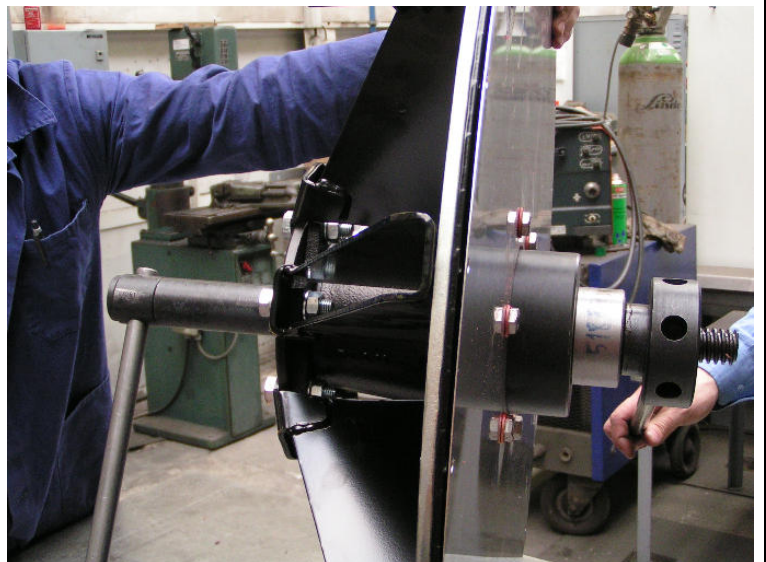
19. Removing bearing SKF 6309

Tools: 518878, 518897, 518894, 518896



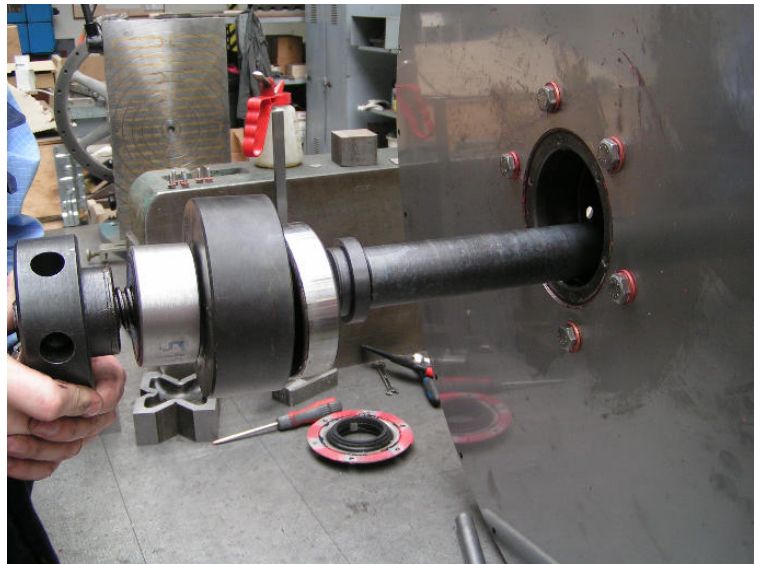
20. Preparation for removing bearing SKF 6310

Tools: 518878, 518896, 518899, 518898



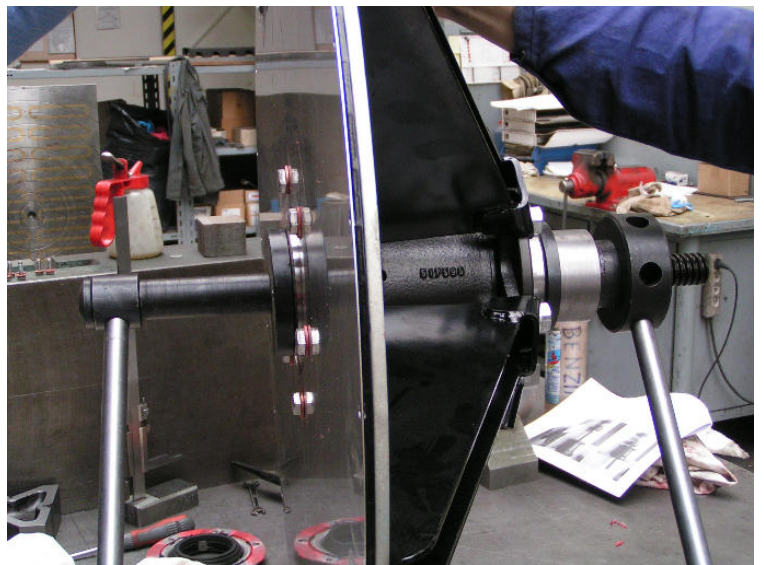
21. Removing bearing SKF 6310

Tools: 518878, 518896, 518899, 518898

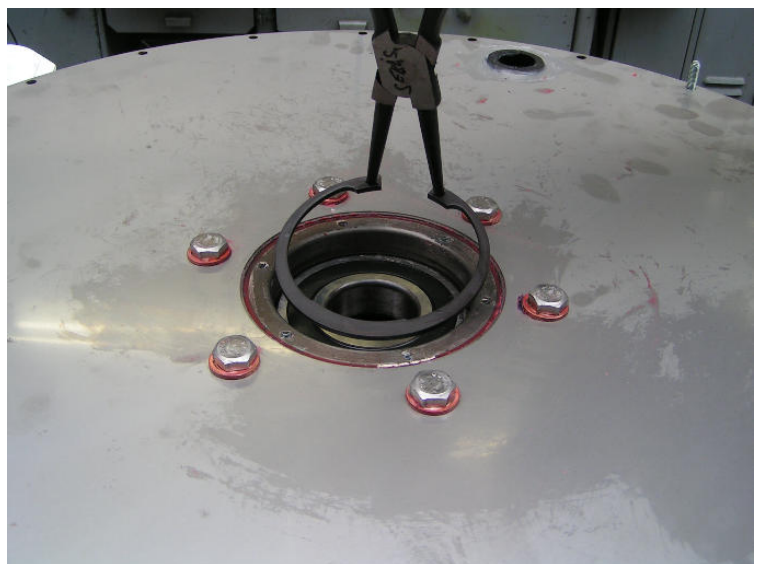


22. Assembling bearings: left side - bearing 6310 and right side - bearing 6309

Tools: 518878, 518884, 518885



23. Assembling retaining ring into trunnion



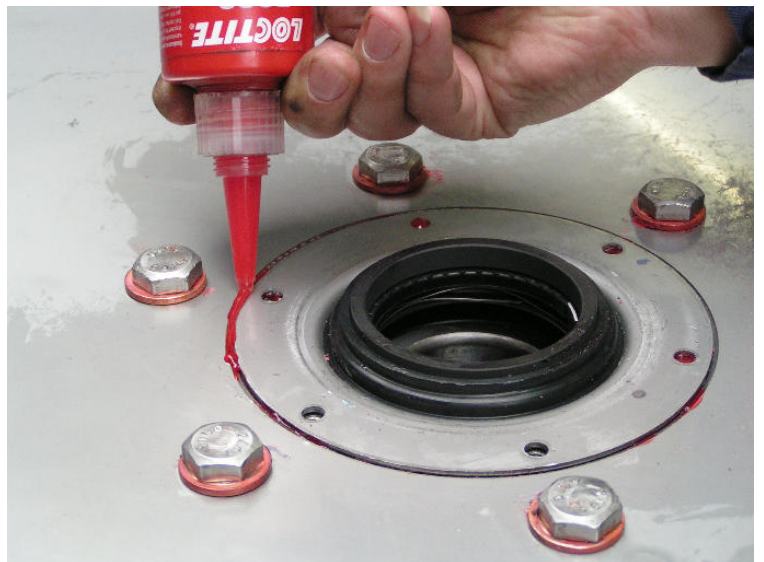
24. Sealing area by Loctite 5203



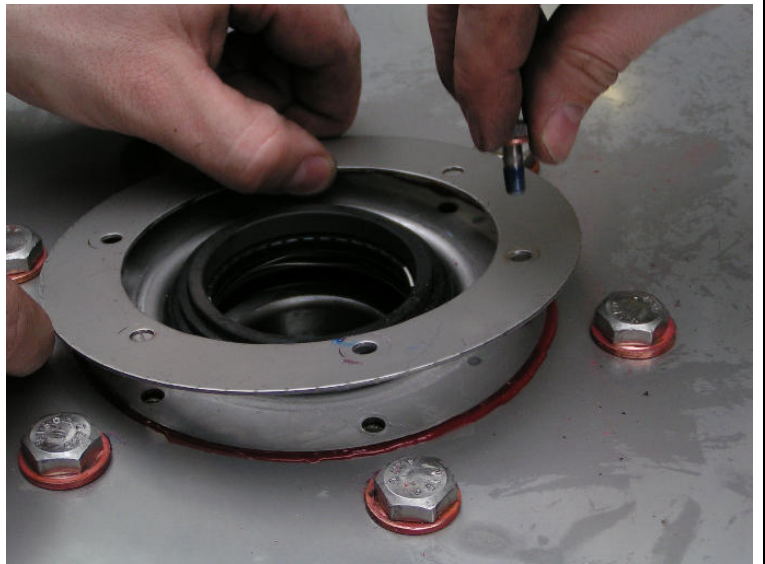
25. Cleaning area of axial holder +
assembling on trunnion



26. Sealing by Loctite 5203



27. Cleaning cover + assembling on trunnion with 6 bolts M6 (use Loctite 243 on thread)



28. Tighten bolts M6



29. Drum with counter ring (if is counter ring damage - change by new according service instruction No.518385)



30. Assembly trunnion complete on drum



31. Pressing trunnion on the drum

Tool: 518950, 518913

32. Assembly drum with trunnion into machine (touch area must be clear and sealing by silicone again)

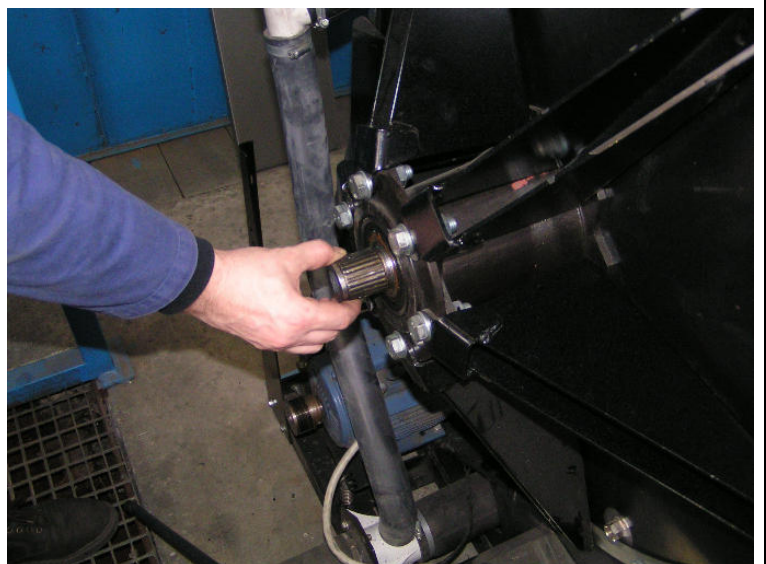
33. Torque for 24 bolts M8x50 is 30Nm

34. Torque for 2 bolts M14x50 is 140Nm

35. Remove shore up the rear side of tub



36. Assembly of **new** tolerance ring + apply grease



37. Assembly of drum pulley + big washer
+ bolt M12 + belt micro V

Tool:518950

