

Open/ Close Reservoir

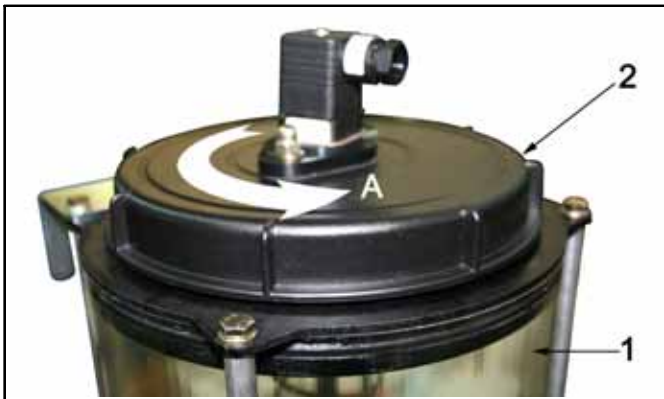


Fig. 1 Open reservoir cover
1 - Reservoir
2 - Reservoir cover

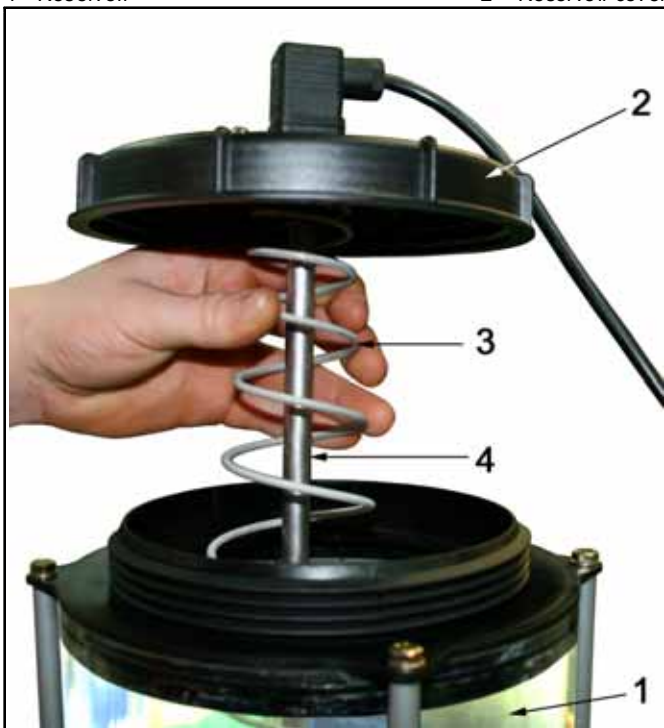


Fig. 2 Assembly:
Reservoir cover, contact rod and spring

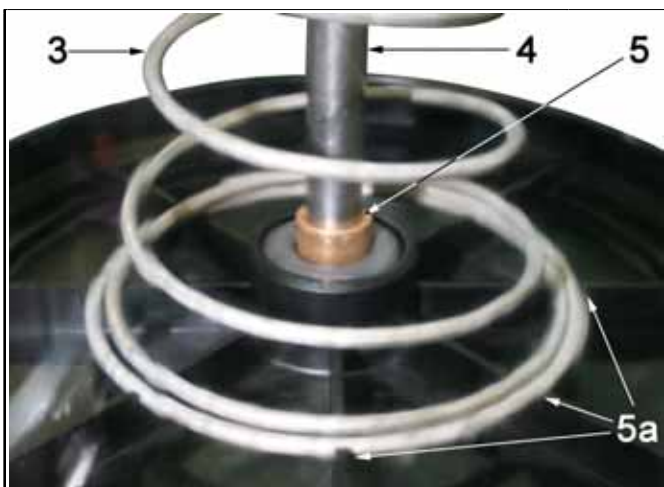


Fig. 3 Assembly:
Follower plate, contact rod and spring



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IMPORTANT NOTE

Before the first start-up the lubricant reservoir must be primed and vented below the follower plate.

Air inclusions below the follower plate result in suction problems and functional faults.

Observe all work steps (Fig. 1 to 7) to provide the readiness for operation of pump 603 S.

Open reservoir

- ➔ Remove the reservoir cover 2 (Fig. 1) counterclockwise (direction A) from the reservoir 1.



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CAUTION!

Inside the reservoir, the reservoir cover is still under spring tension to feed the follower plate back.

When removing the reservoir cover avoid any sudden spring release.

Wear protective glasses.

- ➔ Remove reservoir cover assembly 2 with contact rod 4 and spring 3 (see Fig. 2).



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IMPORTANT NOTE

Carefully pull contact rod 4 out of follower plate 5 (Fig. 3).

- 1 - Reservoir
- 2 - Reservoir cover
- 3 - Spring
- 4 - Contact rod
- 5 - Follower plate
- 5a - Cavities for guiding the spring 3

Close reservoir

- Assembly of the reservoir cover is effected in the reverse order to the above description "Open reservoir".
- ➔ Make sure that the centered position of the spring 3 (Fig. 3) is secured in the cavities of the follower plate 5a.

Priming

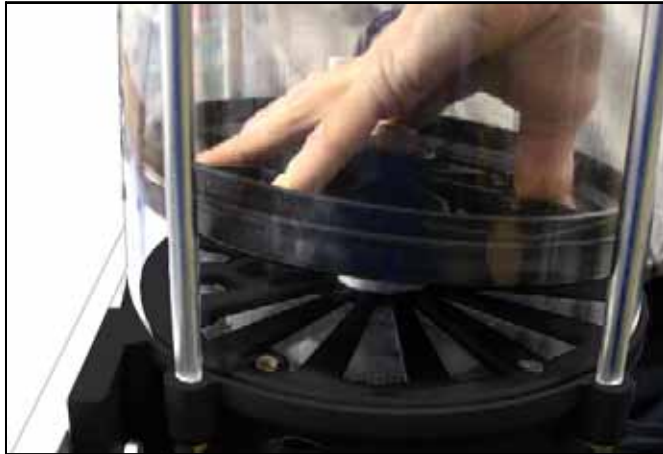


Fig. 5 Tilt follower plate

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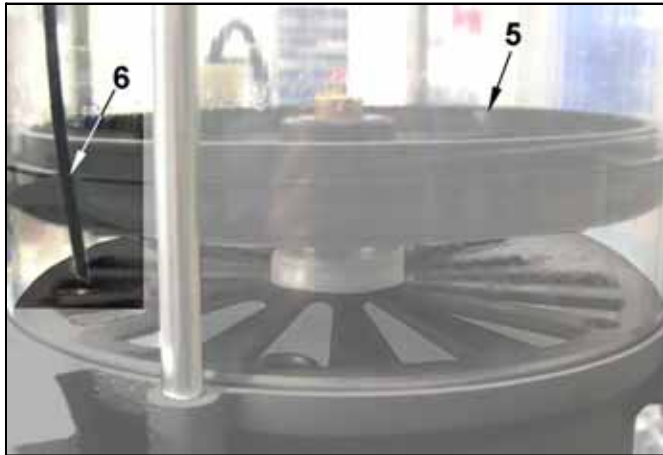


Fig. 6 Cable tie for venting

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Fig. 7 Connect filler pump to lubrication fitting

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Preparation

- Apply oil evenly on the inner sides of the reservoir and on the sealing lip of the reservoir.



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IMPORTANT NOTE

Never install the follower plate with a dry sealing lip inside the reservoir.

- Tilt follower plate (see Fig. 5)
- Push cable tie 6 through tilted follower plate 5 and reservoir wall (see Fig. 6).



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NOTE

To achieve an optimum venting result, position the cable tie 6 opposite the lubrication fitting 7 (Fig. 7) on the rear wall of the reservoir.

- Tilt the follower plate 5 back into the horizontal position again. Thereby ensure that on the cable tie 6 there results a gap between the upper and lower side of the follower plate 5 (see Fig. 6).
- Mount the reservoir cover 2 onto the reservoir 1 provisionally (see Fig. 4)

Venting

- Connect the filling pump 8 to the lubrication fitting 7 of pump 603 S (see Fig. 7) and start the filling procedure.
 - First, the reservoir is filled below the follower plate 5 on the side of the lubrication fitting 7 (Fig. 7). The air is displaced to the opposite sidewall of the reservoir through the gap on the cable tie 6 (see Fig. 8).
- After venting is completed, open the reservoir again in order to remove the cable tie again. Make sure that the sealing lip on the follower plate is not damaged during this procedure.
- Screw the reservoir cover 2 onto the reservoir 1 (see chapter "Close reservoir").
- Switch the pump P 603 S on and fill the reservoir up to the MAX marking.
- Now pump 603 S is ready for operation.



Fig. 8 Venting