

Service-manual: Guide for lubricating the RotoBed®

Recommended products for lubricating the RotoBed®



Grease

Use following grease or similar type:

OKS 470 – White Universal High-Performance Grease

Description: Universal grease with white solid lubricants and NSF H2 approval
- Lubrication of normal-load friction, rolling and pivoting bearings -
Lubrication of moving parts at fine-mechanical devices – Waterproof.



Spray

Use following Teflon Spray or similar type:

Würth HHS 2000 Lubricating Oil 500ml (spray)

Description: High-pressure resistant- Extraordinarily tear-resistant lubricating film with outstanding noise and vibration damping properties - High creep capacity - Excellent lubricating properties with close tolerances - Reliably protects against corrosion - Active adhesive effective. No throwing off of the lubricant with turning and rotating parts - Splash and saltwater-resistant, withstands weak acids and alkaline solutions - Contains no silicone, resin or acid.

Very important! Do not saturate metal parts on bed when using spray.



Clean and dry cloth

Use a clean and dry cloth to wipe off in case of excess spray.

Lubrication of the backrest

Move the backrest to an upright position. **Make sure to fix** it before you start removing bolts, otherwise it will fall down. You can fix the backrest either by getting help from another person holding it or by securing the backrest with a transport strap.



1) Remove the retaining clip

2) Remove the bolt



3) Apply grease (see below right)

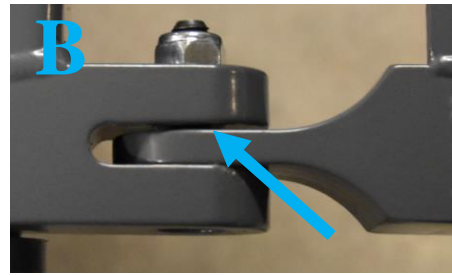
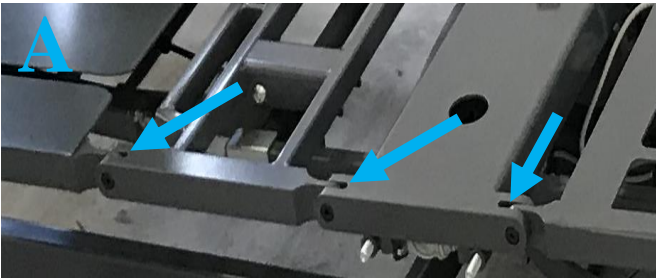
4) Insert the bolt and clip again



5) Follow the same procedure with the bolt at the other end of the motor. Do not remove the bolts at both ends at the same time.



Lubrication of the frame parts

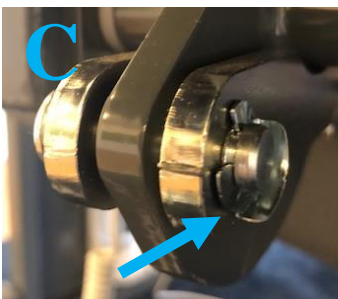


- 1) All the moving parts (see arrows in photo A) where the frames are connected to each other must be sprayed with Teflon. Spray in the gap between pieces of metal (see photo B)

Very important: do not tighten the locking nuts/bolts (A) too much as the frame parts pivot on them. Repeat the procedure on the other side of the bed.

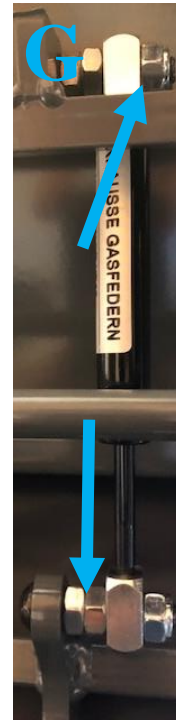
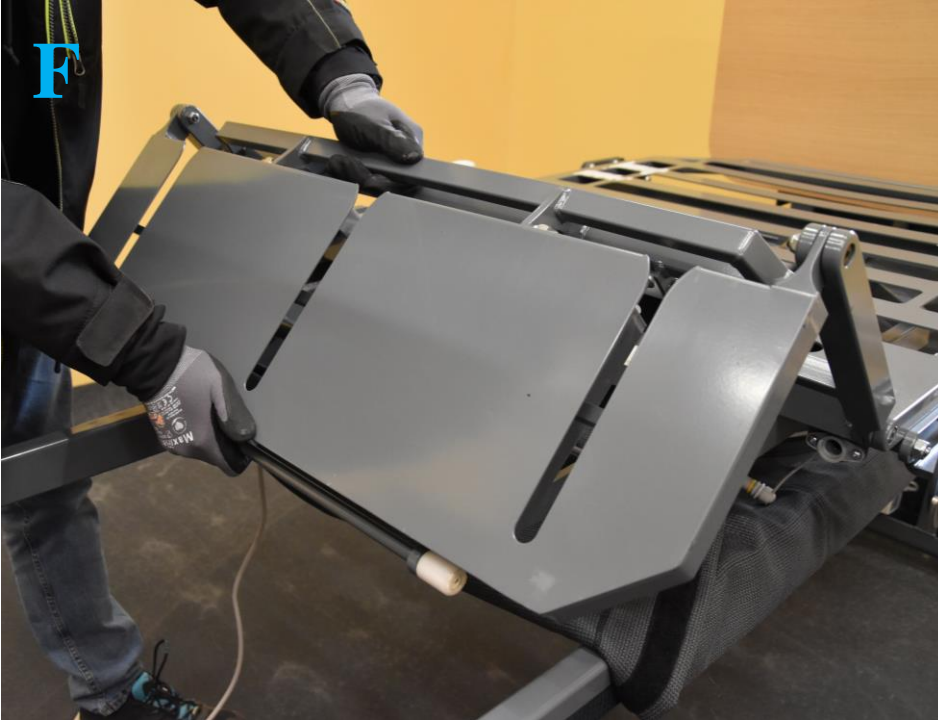
Lubrication of leg motor connection points

Raise the leg-part to a horizontal position. Both motor connection bolts, ONE AT EACH END, should be loose.



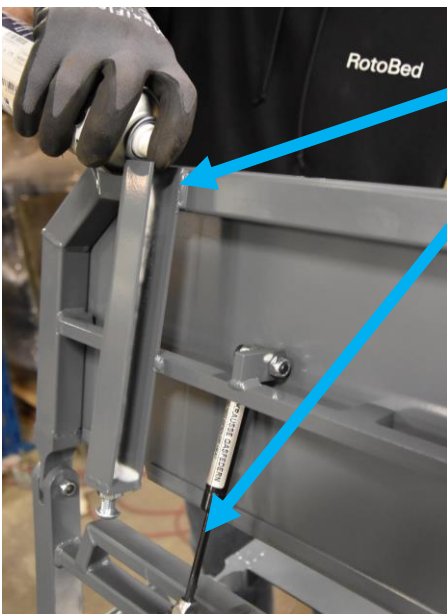
- 1) Remove the rear bolt retaining clip (see photo C).
- 2) Remove the bolt.
- 3) Apply grease (see photo D).
- 4) Reinsert bolt and make sure the clip is secured in place (see photo E).
- 5) Follow the above procedure for the bolt at the other end of the motor.

Lubrication of gas strut, U-profile, and wheel runner



- 1) Remove the leg part from the runners (see photo F).
- 2) Apply spray to the bolts on both ends of the gas strut (see photo G). Spray in gas between metal.
- 3) Follow the same procedure at the gas strut on the other side of the bed.

Very important: do not overtighten the outer locking nuts (see photo G upper arrow) as struts pivot on the bolts.



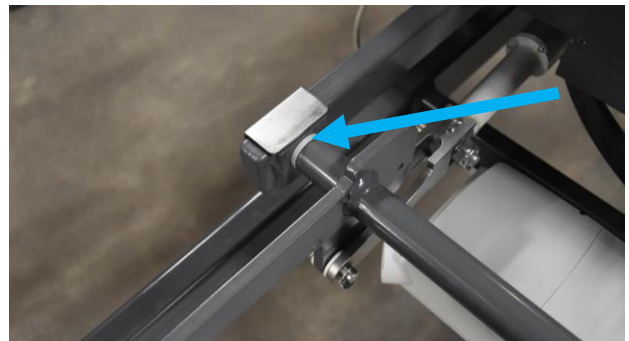
- 4) Spray into the U-Profile (under the leg-part) on both sides.
- 5) Spray little on the thin strut on the gas strut on both sides.
- 6) Wipe off with a clean and dry cloth excess spray from spraying both the U-Profile and the thin strut.

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- 7) Remove the white wheel runners from axle (see photo H)
- 8) Apply a little grease to the shaft (see photo I).
- 9) Remount the plastic wheels (see photo J)

Lubrication of foot plate axle



- 1) Spray on the white roller as shown in both photos.
- 2) Repeat on both sides of the foot plate axle.

Lubrication of rotation platform

Turn the bed to end position for better access. The five rotation wheels located under seat should be sprayed periodically and minimum once a year.



- 1) Spray all five wheel housings located on the rotation platform. Spray in the little opening above or below the bolt head on the wheel housings as shown on the photos.