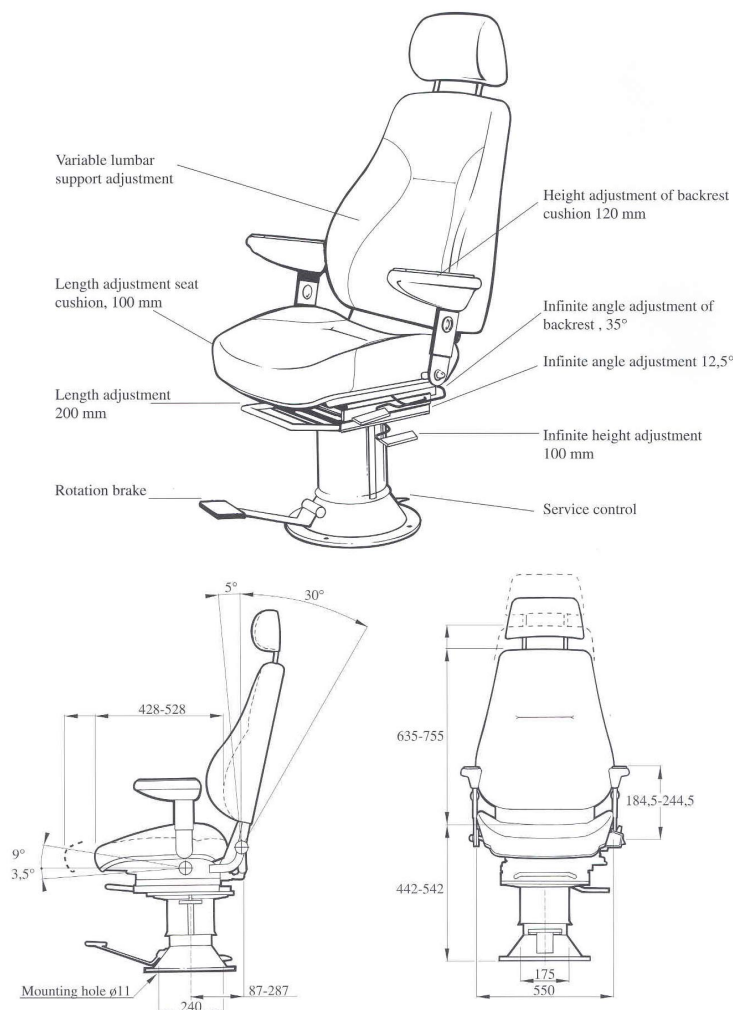
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Illustrated seat
Be-Ge 86-52
incl Rotolift 3


Recommended Scheduled Maintenance

Daily Inspection: Inspect and perform, if necessary, the required maintenance according to service items **1** and **2**.

Inspections every 1,000 working hours: In addition to extended inspections according to service items **1** and **2**, inspect and perform maintenance, if any, according to service items **3** and **4**.

If the recommended scheduled maintenance is not adhered to, Be-Ge Industri AB reserve the right to limit any warranty or compensation claims.





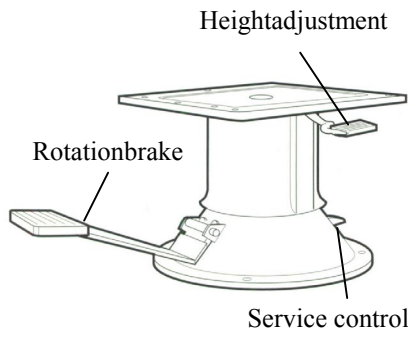
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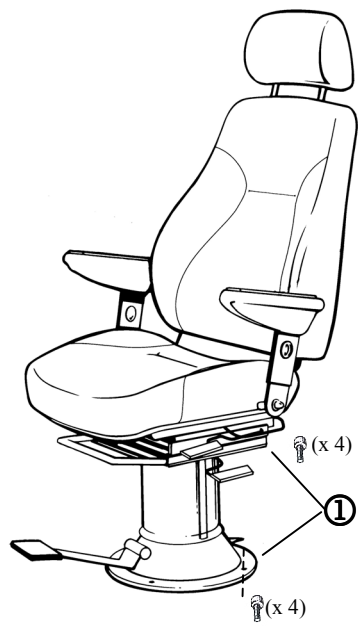


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Inspection	Service Instruction	Illustration
<p>1.</p> <p>Check that the seat adjustment controls work normally and that foreign objects do not jam them.</p> <p>If the seat is fitted with safety belt, check that all belt elements are undamaged.</p>	<p>Remove objects, if any.</p> <p>If any adjustment control does not work normally – <i>See service items 3–8.</i></p> <p>If any belt element is damaged, replace the entire belt kit. <i>See service appendix 5.</i></p> <p>If the seat is very dirty then it can be cleaned/sprayed with normal textile cleaning. The textile cleaning and protection kit can be supplied by Be-Ge Industri AB.</p> <p>Instructions on the package.</p>	
<p>2.</p> <p>Check that the seat retains its adjusted height and that the Rotolifts action is of satisfaction.</p>	<p>If the function does not work satisfactory, i.e. if the seats Rotolift cannot be lowered or raised or does not rotate.</p> <p><i>See service item 8 and service appendix 6.</i></p> <p>If the rotation pedals allowance is more than 2 mm, then the catch plate's needs to be changed.</p> <p><i>See service item 8 and service appendix 6.</i></p> <p><i>An annual maintenance and re-lubricating is to be done according to service appendix 6.</i></p>	



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Inspection	Service Instruction	Illustration
<p>3. Check lengthways adjustment.</p> <p><i>Appliances:</i> Lint-free cloth Grease (Texando 20 or the equivalent) Brush Box wrench 13 mm</p>	<p>Lubricate the slide rails of the seat runner thinly with grease (Texando 20 or the equivalent). Move the seat to its end positions in order to lubricate the rails in between. Before lubricating, clean the slide rails with a lint-free cloth.</p> <p>Replace the slide rails, if the allowance (sideways or lengthways) of the slide rails exceeds 1 mm.</p> <p>Replacement of slide rails- <i>See service appendix 4</i></p> <p>An annual maintenance and re-greasing of the seatback and seat cushion slide surfaces is to be done. NB. Make sure of that no grease is added onto the back adjustment locking. Recommended grease is Kernite, Skidoo, or equivalent.</p>	
<p>4. Check the bolts and frame fastening of the seat.</p> <p><i>Appliances:</i> Box wrenches 13mm</p>	<p>Check for loose bolts.</p> <p>Check the seat fastening to the floor- and / or the frame (1).</p> <p>To dismantle/assemble driverseat and rotolift- <i>See service appendix 2</i></p>	



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Inspection

**5.
Check the seatback adjuster
and the seatback high
adjustment function.**

Appliances:
 Slotted chisel
 Box wrench 17 mm
 Riveting Punch 7 mm
 Striking tool
 Grease solvent cleaner
 (CRC™ Bräkleen, or equivalent)
 Grease
 (Recommended grease is of type
 Kernite, Skidoo, or equivalent)

Service Instruction

If the seatback does not keep position and does not keep the positioned angle, then the seatbacks angle adjustment gasspring needs to be changed.

Remove the seat cushion (1).
See service appendix 3

Loosen the gassprings front locking (2).

Strike out the tension peg at the rear attachment (3) on the frame back section alternatively unscrew the gascylinders body from the rear attachments of the fork attachment

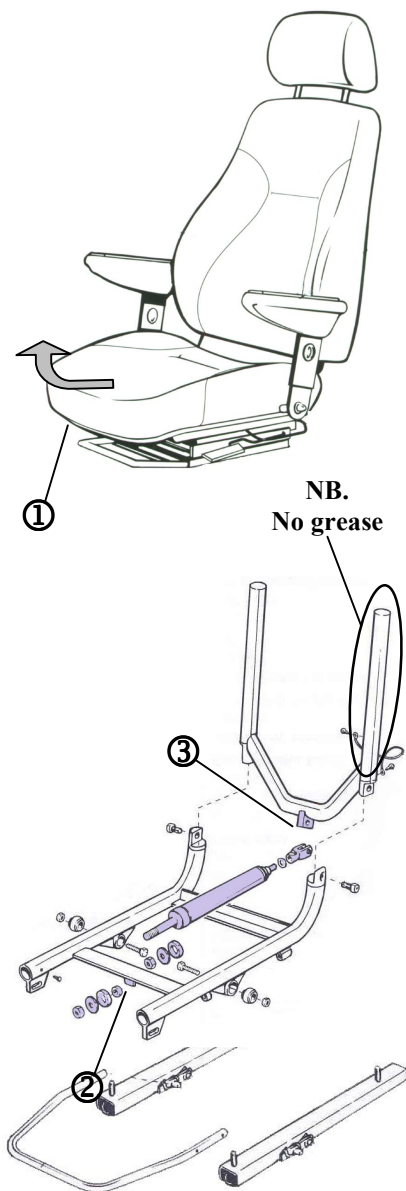
Change the gasspring.


If the seatback does not keep position and does not keep the positioned height then dirt/grease or similar might have got in the locking surface for the height adjustment locking eccentric.

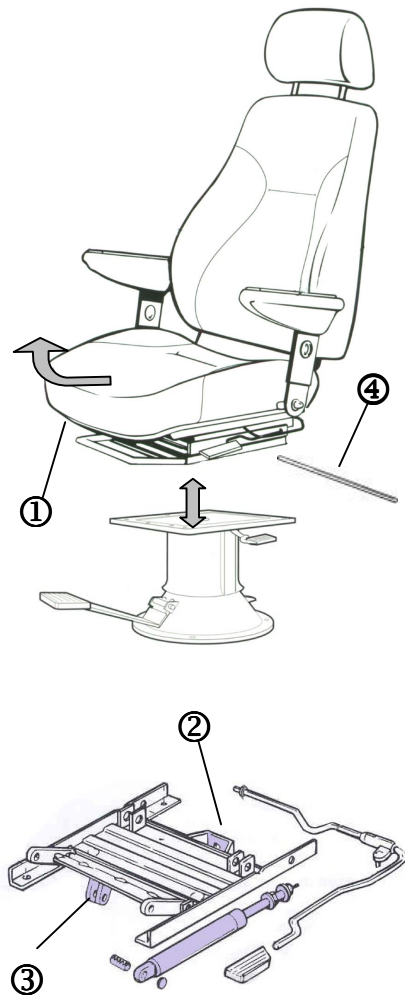
This calls for cleaning of the frames tube profile, back frames inner tube profile and eccentric locking parts. Recommended cleaning is CRC™ Bräkleen or equivalent.

An annual maintenance and re-lubricating of the seatback and seat cushion slide surfaces is to be done. NB. Make sure of that no grease is added onto the back adjustment locking. Recommended grease is Kernite, Skidoo, or equivalent.


Illustration



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Inspection	Service Instruction	Illustration
<p>6. Check the seat adjuster and the seats lengthways adjustment.</p> <p><i>Appliances:</i> Box wrench 13 mm Slotted chisel Riveting Punch 7 mm Striking tool</p>	<p>If the seat cushion adjuster does not keep position and does not keep the positioned angle, then the seat angle adjustment gasspring needs to be changed.</p> <p>Dismantle the seat from the Rotolift and turn the seat upside down, alternatively remove the seat cushion (1). <i>See service appendix 3</i></p> <p>Loosen the gassprings rear locking (2).</p> <p>Strike out the tension peg at the front attachment (3) on the frame back section alternatively unscrew the gascylinders body from the rear attachments of the fork attachment</p> <p>Change the gasspring.</p> <p>If the seat cushions does not keep it's lengthways position then the latch rod needs to be replaced (4). The latch rod is placed underneath the seat cushion and is dismantled/mounted easily, without tools, by pulling the rod sideways out of its fastening points.</p>	




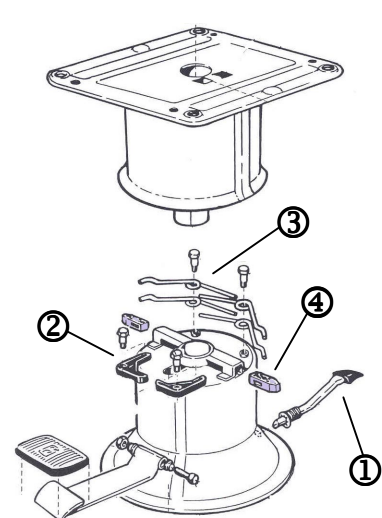
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Inspection


Service Instruction

Illustration

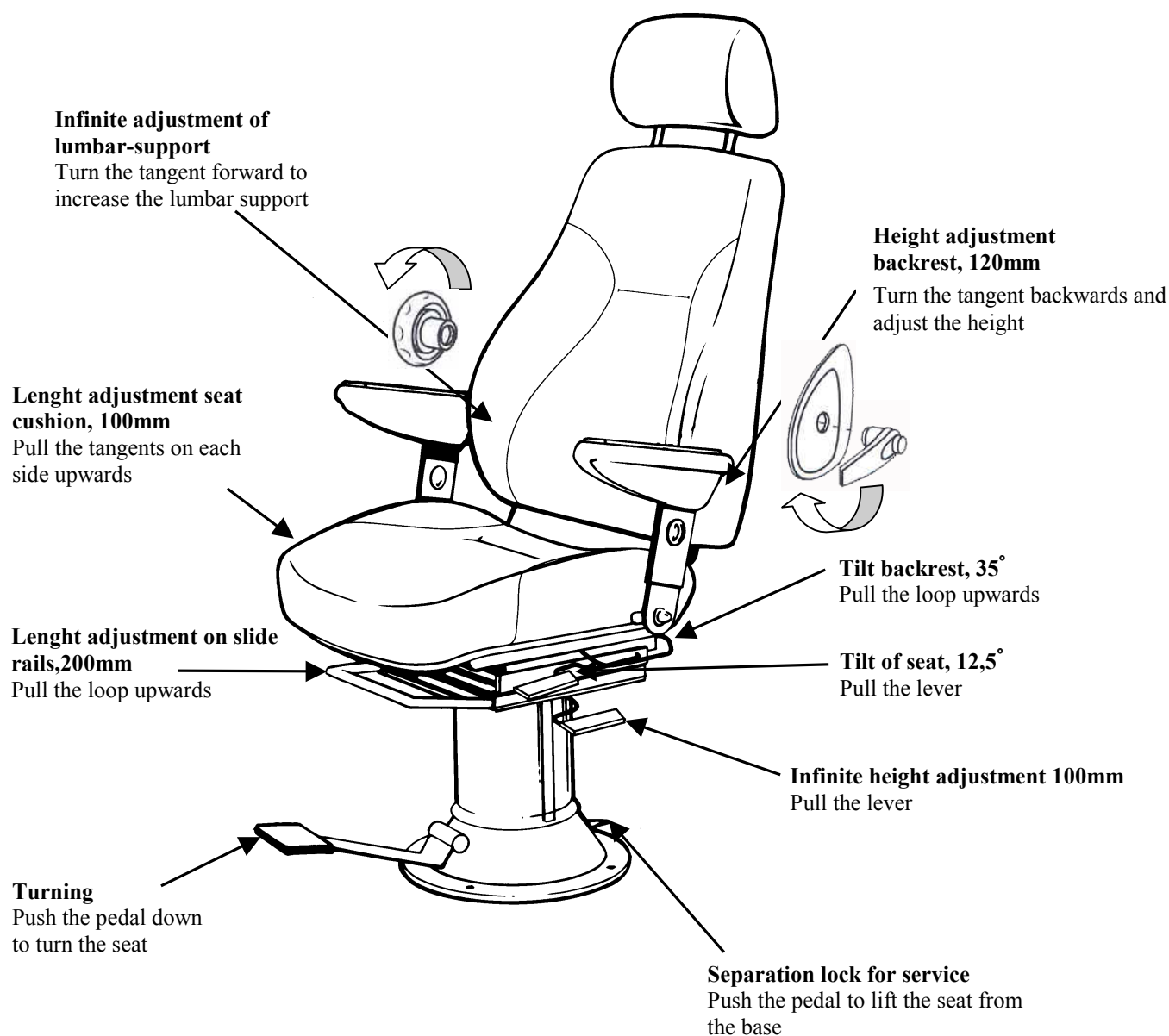
<p>7. Check of the armrests fastening points and folding.</p> <p><i>Appliances:</i> Slotted chisel Box wrench 17 mm Allen wrench 6 mm</p>	<p>If the armrest does not lock in the fastening point in the seat cushion then the lock screw underneath the seat cushion (1) needs to be tightened. (Allen wrench 6 mm).</p> <p>If the folding of the armrest does not work satisfactorily then adjust the nut lock (2).</p> <p>Recommended dynamometric for the inner nut is approx. 10Nm and for the outer nut the approx. minimum dynamometric is 24Nm (max 47Nm).</p> <p>If the slide washer (3) is worn out it should be replaced.</p>	
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<p>8. Change of catch plate on Rotolifts.</p> <p><i>Appliances:</i> Slotted chisel Box wrench 13 mm</p>	<p>If the rotation barriers function allowance exceeds 2mm, then the catch plate's needs to be replaced. The catch plates are changed by dividing the Rotolift with help of the service barrier (1).</p> <p>Loosen the lock handle (2) and springs (3). Change the catch plates (4) and re-mount the lock handle and springs. See service appendix 6</p> <p>Note. The inner of the Rotolift is sensitive against dirt and great precaution is to be taken when the Rotolift is apart for service.</p>	
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Appendix 1
Operating instruction 8652 with Rotolift 3



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Appendix 2

Assembly instruction 8652 with Rotolift 3

1.

Assemble the seat to rotolift by locking the bolt (M8x20 x4) and nuts (M8 lockn. x4) **(1)**

Note the washers!

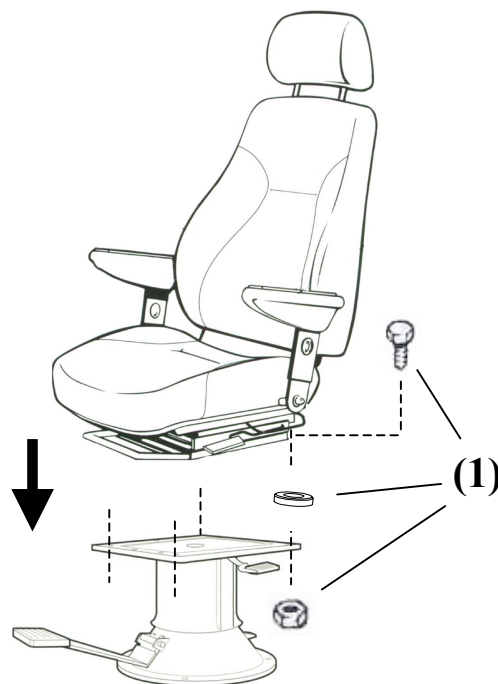
Screw kit 820070;


422040 Bolt M8x20 M6S FZB SMS 2165

440027 Washer BRB 8,4x16x1,5 FZB

430015 Locking nut M8 low FZB K6

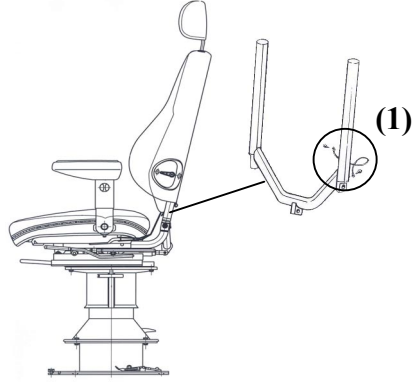
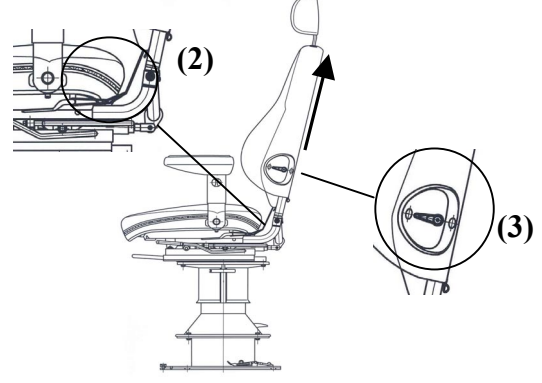
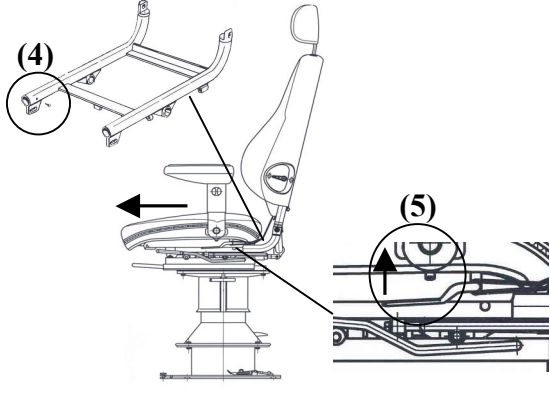
Use a spanner, box wrench or a socket wrench 13 mm.
Dynamometric approx. 24 Nm.




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Appendix 3

Dismantling instruction of seatback and seat cushion 8652

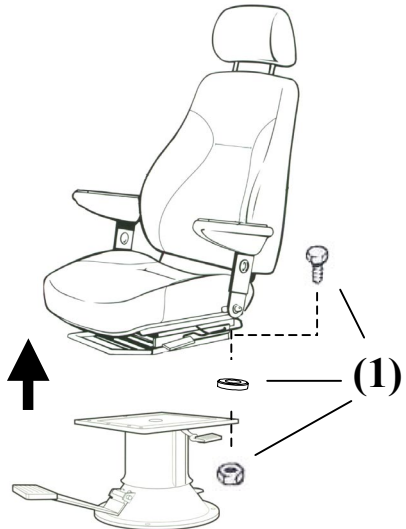
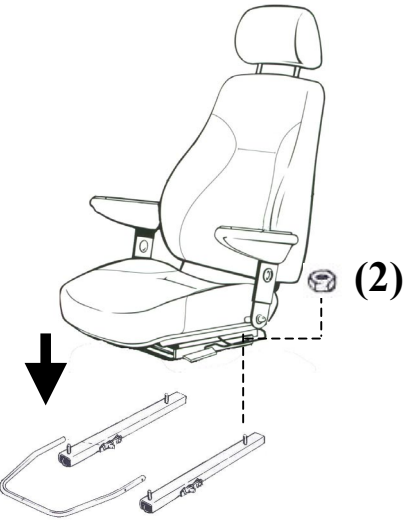
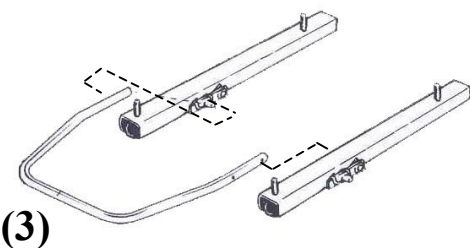
<p>Dismantling seatback</p> <p>1. Disconnect the wire control for the seatback (1)</p> <p><i>Disconnect electrical contacts that are between the back and seat, if any.</i></p>	
<p>2. Disconnect the rubber band stop in the backrest trim (2) that is connected on the lengthways level in the seat cushion.</p> <p>Release the backrest locking level (3) and pull upwards in order to take away the backrest from the back frame.</p>	
<p>Dismantling seatcushion</p> <p>3. Disconnect the seat cushions locking screw. (4)</p> <p>Disconnect the rubberband stop in the backrest trim (2) that is connected on the lengthways level in the seat cushion.</p> <p>Release the seatcushions lengthways level (5) (two levels, one on each side of the seatcushion) and slide the cushion forwards in order to get it of the seat frame.</p>	
<p>Reassemble</p> <p>4. Reassemble the seatback and seatcushion in reverse order.</p>	




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Appendix 4

Exchange instruction slide rails 8652

<p>1. Dismantle the seat from rotolift by loosen the bolts (M8x20 x4) and nuts (M8 lockn. x4) (1)</p> <p>NB The washers!</p> <p>Use a spanner, box wrench or a socket wrench 13 mm.</p>	
<p>2. Dismantle the slide rails by loosen the nuts (M8 lockn. x4) (2)</p> <p>Move the seat to its front position to reach the rear bolts and to its rear position to reach the front bolts.</p> <p>Use a spanner, box wrench or a socket wrench 13 mm.</p>	
<p>3. Reassemble according to item 1 and item 2 in reversed order.</p> <p>NB the washers!</p> <p>The slide rails loop (3) is attached in pins on the inside of each rail and locked by the tension in springs.</p>	



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Appendix 5

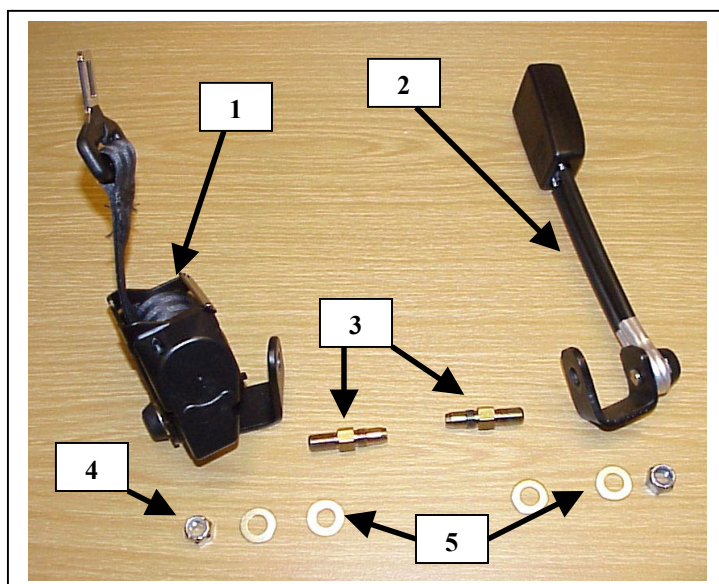
Monteringsinstruktion 2-punktsbälte 86-52 (instr nr 627715)

Eftermontering av 2-punktsbälte på Be-Ge 8652 sker genom att använda sig av befintliga skruvhål i sittramen. Bältesrullen (1) monteras på stolens vänstra sida och bälteslåset (2) på höger sida.

Mounting of 2-point belt on Be-Ge 8652 is done by using existing holes in the seat frame. The belt roller (1) is mounted on the left side of the seat and the belt locking device (2) on the right side.

Bältessetsen 621641 innehåller följande detaljer/ The belt-kit621641 consists of the following details :

Pos. 1	Höftrullbälte fast låsdel med beslag / 2-point belt fixed locking device with bracket	1st/1pcs
Pos. 2	Bälteslås med beslag / belt locking device with bracket	1st/1pcs
Pos. 3	Tapp (3) / Bolt (3)	2st/2pcs
Pos. 4	Mutter 7/16" UNF (4) / Nut 7/16" UNF (4)	2st/2pcs
Pos. 5	Bricka (5) / Washer (5)	4st/4pcs



Skruva bort skruv som håller ryggen med stativet och montera bältesrullen här med Tapp (3), bricka (5) och mutter (4).

Dismount the screw that holds the backrest to the base frame and mount the roller belt here with bolt (3), washer (5) and nut (4).

Montera bälteslåset (2) på andra sidan i motsvarande hål med tapp (3), bricka (5) och mutter (4).

Mount the belt locking device (2) on the oppsite side in corresponding hole with bolt (3), washer (5) and nut (4).

OBS! Bältesrullen är vinkelkänslig $\pm 2^\circ$ och måste monteras med dess beslag 0° i förhållande till horisontalplan. (se bild)

NOTE! The belt roller will not function properly if the angle of its bracket exceeds $\pm 2^\circ$ in comparison with its horizontal plane.


Beslagets undersida 0° i förhållande tillhorisontallinje

Bracket of the belt roller 0° in comparison with horizontal plane

Be-Ge Industri AB

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info@be-ge.se www.be-ge.com



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Appendix 6 Serviceinstruction Rotolift 3

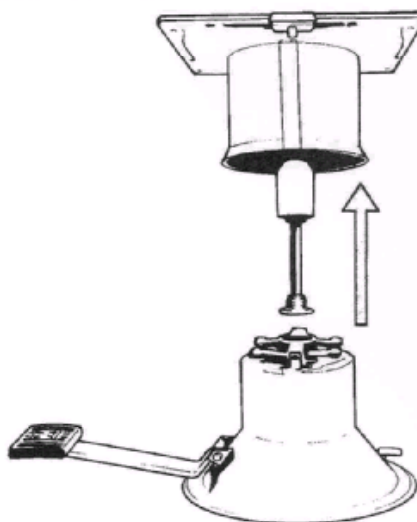


Service instruction **ROTOLIFT 3**



Easy service

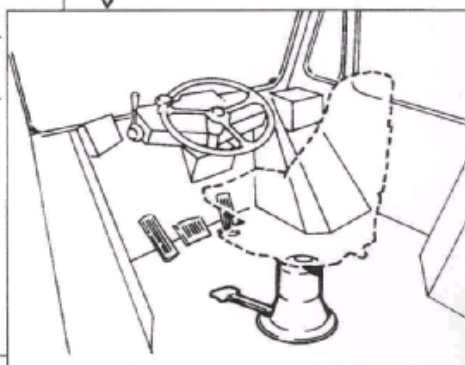
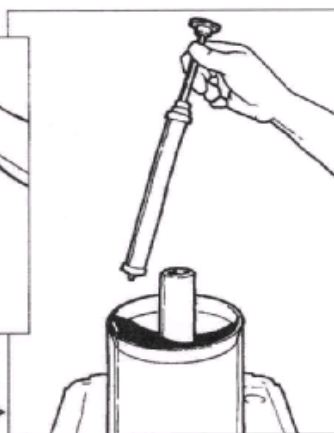
The design of the Rotolift permits easy removal of the upper portion when the quick release is depressed. This allows easier access in restricted spaces. When returning the seat to its place, the rotation lock must be pressed down in order to prevent damage to the ratchets of the locking mechanism.



The seat of the Rotolift can be removed in a few seconds, this greatly improves access for maintenance when space is limited.




Easy dismantling improves access for service.



Annual maintenance

Clean the telescopic tubes and re-grease at least ones a year with Kernite SKIDOO or similar. The plastic parts, including the bushes, must be cleaned and re-greased with Teflon paste. Check the tightness of the screw bolts that hold the rotation lock.



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Appendix 7

Troubleshooting chart Be-Ge 8652 with Rotolift



Problem	Possible reason	Solution/Action
Be-Ge 8652 with Rotolift 3		
The headrest can not be assembled	Burnt weld in the headrests tubes inside of the backframe.	Drill in the tube with a drill of diam. 10 approx. 200mm
2-way headrest does not stay in requested position.	The headrest pegs has the wrong angle.	Bend slightly the headrest pegs.
4-way headrest does not stay in requested position	The plastic headrest grommet has the wrong dimension	Change the plastic headrest grommet
The seats back seams to have to much allowance and does not work correctly	The gasspring is defected or has got disconnected from its fastening point/s.	Change the gasspring or re-connect the fastening points.
	Heightadjustment barrier does not lock due to dirt/grease or similar	Clean the frametubes, backseats frame and eccenter with CRC TM Bräkleen or equivalent
	Heightadjustment barrier does not lock due to defect eccentric lock	Change backseat cushion
The seats cushion seams to have to much allowance and does not work correctly	The gasspring is defect alternately disconnected from is fastening point/s	Change the gasspring alternately re-connect the fastening points
The armrest seams to have to much allowance and does not work correctly	Need of after adjustment of the nut locking	Adjust the nut locking
	The slide washer is worn out	Change the slide washer
Slide rails of the seat appear to have too much allowance	Defective bearing balls in the rails	Replace the slide rails
Slide rails of the seat appear to be slow	Rails are not clear of the frame	Check for distance washers between seat and rotolift
	Soiled rails	Clean and re-lubricate the slides
Rotolift's heightadjustment does not work or does not work correctly,	The gasspring is defect	Change gasspring
	Dirt or similar is inside of the Rotolift	Clean and re-lubricate the Rotolift
Rotolift rotation does not work or does not work correctly	Catch plates or/and springs are defected	Change the catch plates and/or springs
	Dirt or similar is inside of the Rotolift	Clean and re-lubricate the Rotolift

