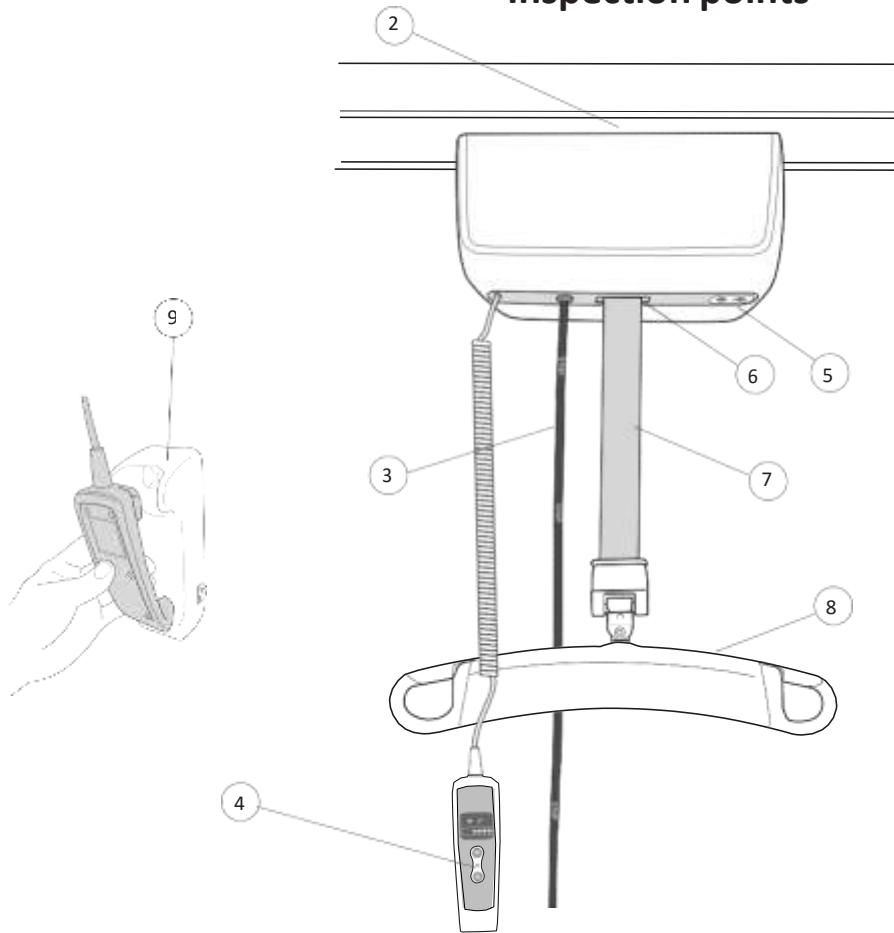


Inspection points



Instructions for the inspection points

1 General inspection

- Verify presence of decal with model type and serial number.
- Check the plastic cover for cracks and that they are properly fastened.
- Inspect non Liko® rail for noticeable damage.
- Inspect end stop for noticeable damage.
- Inspect end stop bolt to ensure bolt is tight and locknut is engaged with bolt threads.

2 Carriages

- Verify that carriages are secured to motor with bolts and nyloc nuts. Check these parts for abnormal wear.
- Roll the carriage with max load applied throughout the rail. Verify that each wheel turns freely that there are no abnormal noises or vibrations and the plastic wheel bearing covers not are cracked or missing.

3 Emergency Stop

- Check that the emergency stop cord is secured properly and have no damage.
- Activate the emergency stop button. Verify that it holds and locks in the activated position.
- With the Emergency Stop activated, check that the motor does not operate when the HandControl buttons are pressed.
- Deactivate the emergency button. Verify that the button releases from the activated position into the deactivated position.

4 HandControl

- Check cord for exposed wear or tear in the insulation sleeve.
- Inspect casing for damage, verify dust & water seal is intact.
- With the emergency stop deactivated, press each button and check for corresponding lift operation.

5 Electrical emergency lowering and lifting controls

- Test the electrical emergency lowering device by pressing the up and down arrows on the lift motor cover. Make sure the emergency stop is deactivated. Check for corresponding lift operation.

6 Limit Switch

- Check function of twist protection by twisting the strap when raising it (make sure the motor stops).
- With the emergency stop deactivated, move the lift strap all the way up to the Limit switch. Check that the motor does not operate when touching the Limit switch.

7 Lift Strap

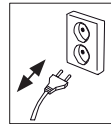
- Make sure the lift strap is not older than 5 years, according to service history. If service history is not available, the recommendation is to replace the lift strap if the lift is 5 years or older.
- Using the HandControl, lower the strap to its maximum extension. Inspect the strap for frayed edges, heavy wrinkles or wear-through areas.
- Make sure the plastic cover is not damaged and the screws are properly fastened
- Verify that the sling bar attachment is secure on strap.

8 Sling Bar

- Make sure only recommended sling bar is used according to the User Manual.
- Visually inspect the sling bar to detect any cracks or deformities.
- Check that the unit rotates freely on its bearings.
- Make sure the spring function on the latches is working.
- The latches on the SlingGuard should still be locked in place while the SlingGuard is held upside down.

9 Charger function

- Access to the mains connections must not be blocked and have no damage



Wall Charger

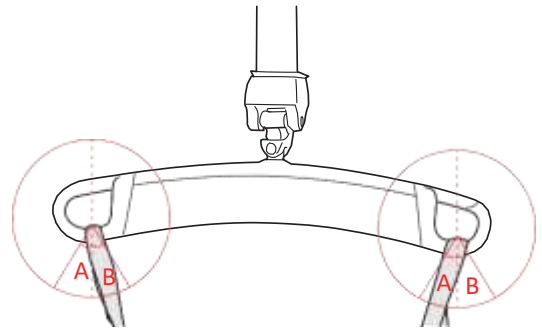
- With the emergency stop deactivated, insert the Hand Control into the wall-mounted charger outlet (110 - 240V).
- Visually inspect that diode lights on the Hand Control light up according to the User Manual.

IRC Charger (In Rail Charging system)

- Make sure the IRC charging function is working according to the user manual.

Load Testing

- Note:** - Make sure to use material that, when securing the weights, does not harm the SlingBar.
- When performing the load test, make sure the straps are:
 $A \leq 25^\circ$ and $B \leq 25^\circ$
 - Never go below start position with the maximum load.



10 Mechanical lowering load test (50 kg / 110 lbs)

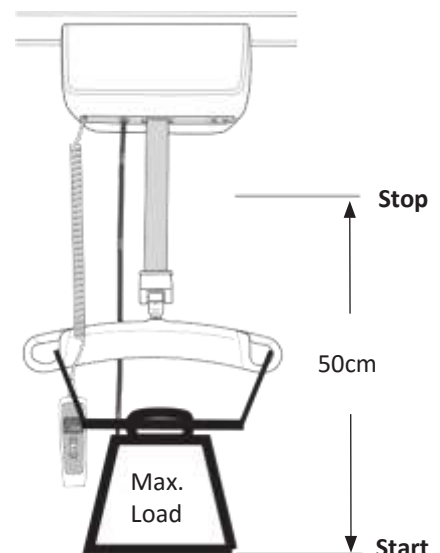
- With the emergency stop deactivated, and the strap with the Sling Bar lowered, secure the weights.
- Using the hand control, raise the weights approximately 10-15 cm (4-6 inch).
- Pull the red emergency-lowering strap repeatedly until the lift strap begins to slowly lower the weight to the floor.

11 Maximum-load test

LikoGuard L: 272 kg / 600 lbs
LikoGuard XL: 363 kg / 800 lbs

- With the emergency stop out, and the strap with the sling bar lowered, secure the weights.
- Using the HandControl, raise the maximum load 50 cm (20 inch).
- Make sure the lift strap does not drift more than 15 cm (6 inch)/30 sek.
- Lower the maximum load to the start position.
- Listen for peculiar noises and vibrations.

 **Note: Never go below start position with the maximum load!**



12 Instructions / Instruction guide.

- Make sure the User Manual to the lift unit is available.

Corrosive environments

13 Environmental Impact – corrosive environments

Due to the environment an overhead system is installed in, components may be subject to corrosion. High temperature, high relative humidity, poor ventilation, presence of chlorine and different combinations of these factors, will affect the corrosion rate.

Depending on material type a corrosion attack can occur suddenly or in other cases form gradually. The corrosion rate and type of corrosion attack might be different in one area of the installation compared to another. **Fixing points classified as safety critical, installed in a corrosive environment such as indoor pool or bathroom, must be inspected.** When a component has reached a certain stage of corrosion it might need to be replaced.

Note! If printed, print in color.

Check for visible severe corrosion and material loss and identify if components need to be replaced.

Galvanized steel

These pictures describe the evaluation method for all galvanized steel components.



1. New bolt 2. Acceptable 3. Replace 4. NOT acceptable

1. A galvanized steel component.
2. White rust on a component appears when the surface treatment corrodes.
3. Red rust appears when the actual steel has started to corrode. Corroding steel will result in material loss and should therefore be replaced.
4. A component covered in red rust is unfit for use.


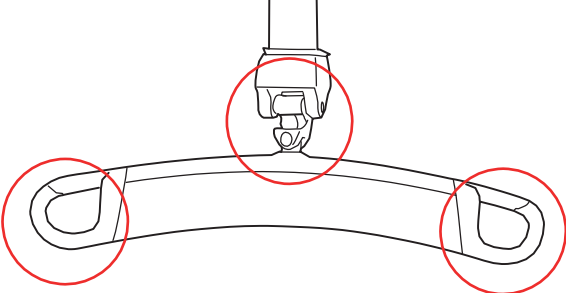
Powder coated steel

These pictures describe the evaluation method for all powder coated steel components.




1. New 2. Acceptable 3. Replace 4. NOT acceptable

1. A powder coated steel component.
2. Local discoloration may occur in close proximity to corroding non-painted components. Stains on the painted surface are acceptable.
3. Cracks in the paint and red corrosion under the paint are a sign of corroding steel. Corroding steel will result in material loss and should therefore be replaced.
4. A component with peeling coating bubbles in the paint and red corrosion under the paint is unfit to use.

Safety critical fixing points:	Example of load bearing parts:
<ul style="list-style-type: none"> Carrier bolts and pins 	
<ul style="list-style-type: none"> Load bearing components below lift motor. 	

14 Clear Service

When approved Periodic Inspection has been performed, reset the handcontrol service symbol  according to instructions in Service Manual chapter 4.7 "Reset Service".



Notes
