



# Stannah

## Lowriser Service and Inspection Log card

### Manufacturer Information

**Model:** Lowriser Lifting Platform

**Serial Number:**

**Manufacturer:** Stannah Lifts Ltd

**Address:** Anton Mill  
Andover  
Hampshire  
SP10 2NX

**Service Branch :**

**Telephone Number:** 01264 339090

**Fax Number:** 01264 333050

**E-Mail:** [liftsales@stannah.co.uk](mailto:liftsales@stannah.co.uk)

## Procedure

The service schedule is based on recommendations by BS6440:1999.

A technically competent person should carry out the service and inspection within 6 months of commissioning the lift. Subsequent service intervals should not exceed 6 months.

Refer to the safety advice in section 2 before commencing any work.

Refer to the installation manual as an aid for servicing, and for details of assembly, setting switches etc...

1. Remove the side panel covers.
2. Remove the bellows fixings.
3. The up & final limit switch brackets will need to be removed if the lift rise is under 950mm.
4. Send the lift up to 1m and put the scotch in place.
5. Disconnect the power to the powerpack and the power to the lowering valve.
6. Clean any dust and debris from underneath the scissor area and apply the appropriate grease in the specified areas. (*Chassis & scissor braces, slider pads and roller areas*)
7. Check all the scissor and chassis fixings are tight.
8. Check the slider pads and rollers are not excessively worn.
9. Check the wiring around the interface PCB for any signs of damage.
10. Remove the scotch.
11. Reconnect the bellows.
12. Clean the bellows thoroughly with a damp cloth. (*When extended the full 1 metre*)
13. Refit the limit switch brackets.
14. Reconnect the power to the powerpack and lowering valve.
15. Check the safety edge stops the lift, when operated in all four corners and at the midpoints, when the lift is travelling down.
16. Check the operation of all call station switches and car controls.
17. Check the lift stops at both levels correctly.
18. Check the operation of the final limit.
19. Check the operation of the anti-creep switch.
20. Check the down limit overrun timer is set to the required time.
21. Check the ramp sensor switches and ramp limit switches are functioning correctly.
22. Check all wiring for signs of damage.
23. Check the battery charge voltage is 27.5 Volts.
24. Check the battery backup works. Turning the mains supply off to the lift, the lift should raise and lower a minimum of two journeys with a person on the platform.
25. Check the hydraulics for any signs of leaks.
26. Check the hydraulic fluid level with the lift fully down, and top up if necessary.
27. Check the manual lowering valve functions correctly.

## Procedure

28. If the rams require bleeding, refer to the LR Ram Service Bleeding Procedure.
29. Check all fixings are tight.
30. Check the threshold gate if applicable locks correctly and the interlocks are functioning correctly.
31. Check the platform gates *(if applicable)* lock correctly and open simultaneously.
32. Check the bridging if applicable is functioning correctly and the safety switches are working.

### Ram Service Bleeding Procedure

1. This procedure should only be used if the lift is completely assembled, and you have no access to fit the ram bleed tool.
2. If the platform is going up and down level, and is not spongy **DO NOT** bleed the rams.  
Proceed to the next step if you need to bleed the rams.
3. Press the manual lowering valve in until the lift is fully down, keep pressing it for a further 3 seconds to allow the rams to spring into their synchronisation zone.
4. Check the fluid level in the powerpack and fill as necessary.
5. Connect bleed hoses to both rams and clip in place. Put the other end of the hoses in a plastic container. Note: The plastic container must have a breather hole.
6. Press the up button for 1 second and wait for 2 seconds, then press the manual lowering valve for 3 seconds. Repeat this until only clear oil is coming out of the bleed hoses.  
**STOP immediately if the platform rises.**
7. Remove the bleed hoses from both rams and fit the dust covers to the rams, clip them in place.
8. Check the fluid level in the powerpack and fill as necessary.
9. Send the lift up, the platform should raise level, if not stop immediately and lower the lift. Press the manual lowering valve in until the lift is fully down, keep pressing it for a further 3 seconds to allow for the rams to spring into their synchronisation zone.
10. Send the lift up again, the platform should raise level, if not stop immediately and lower the lift down. Press the manual lowering valve in until the lift is fully down, keep pressing it for a further 3 seconds to allow for the rams to spring into their synchronisation zone.
11. If the platform will not go up level repeat the bleed procedure from the beginning. If this still doesn't work go to the next step.
12. If the platform rises whilst you are bleeding the rams you can create a hydraulic lock. The only way of clearing this, with the lift fully assembled is to disconnect the hydraulic hose completely from where it connects to the powerpack. You must ensure the lift is fully down and you have a lot of rag to catch the oil which will



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## Procedure

come out. Connect the hose back to the powerpack and repeat the bleed procedure.

**13.** The platform should now go up and down level.

### **The theory of how the rams work: -**

The pressures between the rams can only be equalised when the rods are fully down and the ram rods are pushed up by the springs. This is the synchronisation zone. They can only be bled properly with both bleed hoses attached and the rams in the position described above. This allows oil to flow between both rams flushing out the air.

## Lubrication Schedule

Time of Application →	Production	Installation	Service
Items to be lubricated ↓			
Scissor Pivots	MM31 5010 Castrol CL Grease		MM31 5010 Castrol CL Grease
Slider Block Area		MM31 5010 Castrol CL Grease	MM31 5010 Castrol CL Grease
Bellow Guide	MM31 5010 Castrol CL Grease	Check it has been greased in production	MM31 5010 Castrol CL Grease
Ramp Pivots	MM31 5010 Castrol CL Grease	Check it has been greased in production	MM31 5010 Castrol CL Grease
Actuator Sensor Bracket	Kilopoise Grease MM31 5009	Check it has been greased in production	
Gate Hinges	MM31 5010 Castrol CL Grease	Check it has been greased in production	MM31 5010 Castrol CL Grease
Twin Platform Gates	Kilopoise Grease MM31 5009	Check it has been greased in production	

## Service and Inspection Record

Service Period	Engineers Name	Company	Signature / Date
6 Months			
One Year			
18 Months			
Two Years			
30 Months			
Three Years			
42 Months			
Four Years			
54 Months			
Five Years			
66 Months			
Six Years			
78 Months			
Seven Years			
90 Months			
Eight Years			
102 Months			
Nine Years			
114 Months			
Ten Years			

## Periodic Examination Certificate

### 1. Property Details

<b>Name</b>	<b>Lift Location</b>	<b>Inspection/Examination Company</b>
	<input type="text"/>	<input type="text"/>
<b>Address</b>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
<b>Tel No.</b>	<input type="text"/>	<input type="text"/>

### 2. Lift Details

Model	Description	Install Date	Serial No
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

### 3. Construction of Lift

Are all parts of good mechanical construction, sound material and adequate strength (so far is ascertainable)	YES	NO
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### 4. Lift Condition

Service Report	Serviceable	Requires Replacement	Serviceable	Requires Replacement
Motors,gears,brakes,drums	<input type="checkbox"/>	<input type="checkbox"/>	Labelling (incl. SWL)	<input type="checkbox"/>
All safety edges/limits	<input type="checkbox"/>	<input type="checkbox"/>	Lights/alarm	<input type="checkbox"/>
Lift enclosure	<input type="checkbox"/>	<input type="checkbox"/>	Oil levels & seals	<input type="checkbox"/>
Guide rails, tracks and fixings	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic components	<input type="checkbox"/>
Push buttons	<input type="checkbox"/>	<input type="checkbox"/>	Batteries	<input type="checkbox"/>
Pads and Guides	<input type="checkbox"/>	<input type="checkbox"/>	Door mechanism	<input type="checkbox"/>
Trailing cables	<input type="checkbox"/>	<input type="checkbox"/>	Door/Gate Interlocks	<input type="checkbox"/>
Wiring and fuses	<input type="checkbox"/>	<input type="checkbox"/>	Door locks	<input type="checkbox"/>
Isolators	<input type="checkbox"/>	<input type="checkbox"/>	All fixings	<input type="checkbox"/>
Manual lowering	<input type="checkbox"/>	<input type="checkbox"/>	Safety circuits/fuses	<input type="checkbox"/>

### 5. Accessibility

Were any parts of the lift inaccessible for inspection or service?	<input type="text"/>
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## Periodic Examination Certificate *continued*

### 6. Repairs, Renewals or Alterations

<p>What repairs, renewals or alterations are required to enable the lift to continue to be used with safety?</p>	<p>Immediately</p>
<p><i>If no such repairs, renewals or alterations are required, enter none.</i></p>	<p>Within a specified time limit</p>

### 7. Defects

<p>Check for any signs of defects?</p>	
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### 8. Safe Working Load

Subject to the repairs, renewals or alterations (if any) stated in section 6, what is the safe working load of the lift?

Kg
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## 9. Other Observations

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## 10. Declaration

I/We certify that on the date below, I/we thoroughly examined this lift and that the foregoing is a correct report of the examination.

<b>Signature(s):</b>		
	<b>Service Engineer</b>	<b>Service Engineer</b>

**Address(es):**

**Date:**

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