OXFORD | HOYER

Oxford®/Hoyer®

Presence Lift

Professional Series

SERVICE MANUAL

SUNRISE MEDICAL®

294000.10015 Rev B

CONTENTS

INSPECTION CRITERIA

Sunrise Medical Ltd recommends a thorough inspection and test of the Oxford/Hoyer Presence and its lifting accessories, slings etc. is carried out every six months. The examination and test should be conducted according to the recommendations and procedures below. Sunrise Medical Ltd recommends, authorised service dealers should carry out maintenance, inspection and certified testing only.

Note: These recommendations are in compliance with the requirements of 1998 No2307 Health and Safety: The Lifting Operations and Lifting Equipment Regulations 1998. (LOLER) *This is a UK regulation. Outside the UK please check your local requirements.*

SPREADER BAR

Check the spreader bar for freedom of rotation and swing.
Check for wear on the central pivot and wear washer.
Check for firm attachment to the boom.
Check the security tab is visible on the fulcrum pin.
Examine sling strap retainers (if present). Check for effective function.
Check for adequate padding.
Inspect for excessive wear on the sling hooks and any side suspenders used in conjunction with the spreader bar.
Maintenance: - Lubricate main suspension point and central pivot as necessary.

BOOM:

Check for adequate boom padding.
Check for secure attachment of the boom to the mast/boom pivot.
Make sure there is only minimal side movement of the mast/boom pivot and that it is free to rotate in the mast/boom pivot.
Check the boom is in alignment with the centreline of the hoist.
Check the security and for wear on the actuator unit, mounting pin and mounting bracket on the boom.
(Any excessive movement or play of the actuator must be investigated)

MAST

Check for secure attachment of the handle bar to the mast.
Confirm the presence and the proper location of the mast engagement label.
Check the operation of the mast-locking device.
Make sure the mast fully engages onto the base socket.
Check for wear on the actuator unit mounting, mounting pin and mounting bracket on the mast.
(Any excessive movement or play of the actuator must be investigated).

POWER PACK

Check for secure attachment of the power pack mounting plate to the mast
Check for secure attachment of the power pack to the mounting plate
Check the function of the Emergency Stop button.
Check the hand control for correct functioning in both directions, i.e. lift and lower
Check the fit of the hand control plug and socket
Inspect the actuator plug for correct fitting.
Check the operation of the emergency raise and lowering function.

INSPECTION CRITERIA

ELECTRIC LEG ADJUSTMENT

Operate the leg opening buttons on the hand control and check the legs open and close correctly.
Check the legs are locked when the hand control button is released.

LEG PIVOTS

Check the leg pivots are secure and the legs pivot freely. Any stiffness must be investigated.
Make sure there is no excessive play in the leg pivots.

CASTORS

Check all castors for firm attachment to the legs.
Check for free rotation of the castor and the wheels.
Remove any build up of threads, hair or fluff.
Lubricate if necessary with a light mineral based grease.
Check correct operation of the brakes.

ACTUATOR

The actuator should require no maintenance.
Check for correct operation.
Check for correct operation of mechanical emergency lowering device.
Confirm anti-crush precautions are operational.
Listening for unusual noise.
Check for wear on the mounting boss top and bottom.
(Any excessive movement or play of the actuator must be investigated)

BATTERIES

The batteries in the power pack should not require maintenance, other than regular charging as detailed in the charging instructions.

CHARGING UNIT

Confirm the charger unit is charging the battery pack.
Check mains plug is fitted with the correct rated fuse.
Check the safety of the input and output lead wiring.

CLEANING

Clean with ordinary soap and water and/or any hard surface disinfectant. Harsh chemical cleaners or abrasives should be avoided as these may damage the surface finish of the lift. Avoid wetting any of the electrical parts.

TESTING

LOAD TEST
The load test should be carried out in accordance with the manufacturers test procedures. It is strongly recommended that, an authorised service dealer carry out the test.

Oxford Electric hoists have been designed to the requirements of:

1 BS EN ISO 10535 1998 Hoists for the transfer of disabled persons
The hoists are designed to lift the Safe Working Load only. The load lifting capability is set electronically and must not be increased as this causes excessive loading when the actuator reaches the limits of travel. This will affect the actuator's useful life.

2 BS EN ISO 10535 Load Raising Test
This test is a straightforward lift of a load the equivalent to the Safe Working Load, from the lowest position to highest position of the hoist.

TEST LOADS – OXFORD/HOYER PRESENCE
227kgs/500lbs
The load test should be carried out in accordance with the manufacturers test procedures. It is strongly recommended that an authorised service dealer carries out, the test.

CERTIFICATION
An authorised service dealer will issue a test certificate after satisfactory completion of the thorough inspection and test.
This certificate will be valid for six months.

Thorough Examination Report
Lifting Operations and Lifting Equipment Regulations 1998 (LOLER UK ONLY)
LOLER requires certain information to be included on the report given to a customer after a thorough examination. The information can be found in Schedule 1 (page 56) in the LOLER L113 publication.

Sunrise Medical Ltd has prepared a Thorough Examination Report that includes all the required information and a copy can be found on page 18.
Please feel free to use this as the basis of your own report.

SERVICE & MAINTENANCE

TOOLS REQUIRED

- 21mm A/F Spanner *(for the rear castors)*
- 19mm or ¾ inch A/F Spanner *(for the mast and boom fixing bolts)*
- 17mm A/F Spanner *(for the front castors)*
- 9/16 inch A/F Spanner + ¼ Hex Key *(for the mast/boom pivot)*
- ½ inch A/F Spanner + 3/16 Hex Key *(for the lift and leg actuator bolts)*
- 4mm Hex Key *(for the screws on the base plate and all other fixings)*
- Medium Strength Thread lock (BLUE) type

SPREADER BAR

1 The spreader bar fulcrum pin is held in place with a security pin that runs through a steel outer sleeve Remove the security pin by depressing the security tab on the one end of the pin and withdraw it from the other side.

2 Examine the pin for signs of wear and for any deformation of the security tab. The diameter of the pin is 10mm. Reduction in diameter due to **wear must not exceed 1mm** before replacement.

3 Withdraw the outer sleeve bush from the boom end (hold the spreader bar while doing this as the spreader bar may fall) inspect the sleeve for wear as per the pin.

4 Remove the black plastic shrouds (2 off) from the spreader bar pivot and examine for damage. The shrouds are an important guard against finger traps. Make sure it will perform this function. Discard and replace if necessary.

5 Remove the rubber moulding from the spreader bar. The moulding is split along the bottom edge and will pull off the spreader bar quite easily.

6 Take off and retain the "O" ring that holds the main pivot in the spreader bar central boss.

7 Examine the main pivot and the central boss for wear.

8 Main pivot: Check for wear on the cross-hole for the fulcrum pin. The hole is 10mm in diameter; **wear should not exceed 1mm on diameter or 2mm elongation** before replacement.

9 Check the condition of the white acetyl wear washer that sits on the pivot shoulder. The wear washer is there to stop metal to metal contact on the pivot shoulder and the central boss on the spreader bar assembly. If the washer shows any signs of deformation or wear it should be replaced.

10 Spreader bar sling hooks: Check for wear, particularly if used in conjunction with side suspenders. The sling hooks are made from 9.5mm diameter material. Reduction in diameter by **wear should not be allowed to exceed 2mm before replacement.**

11 IMPORTANT: Side suspenders are often used in conjunction with the lift spreader bar. These may be stored away from the lift. It is important side suspenders are checked for wear. Side suspenders are made from 9.5mm material. Reduction in diameter by **wear at the suspension point or the hooks should not be allowed to exceed 2mm before replacement.**

12 Examine the sling strap retainers. Check that the plastic discs are fitted and move smoothly on the central shafts. Check the screw through the central shafts for tightness.

13 If the screws are loose they should be **tightened (after reapplying threadlock) to 5 Nm**

NOTE If the retainers are missing they should be replaced.

RE-ASSEMBLY OF THE SPREADER BAR

After performing all the actions and checks in section 1 reassemble the spreader bar as follows:

1 Lubricate the main pivot, fulcrum pin and sleeve with any light mineral-based grease, or silicon spray paying particular attention to the pivot shoulder, wear washer, and the fulcrum pin cross-hole.

2 Fit the main pivot to the spreader bar central boss. Refit the retaining "O" ring. Check rotation of the pivot in the boss.

3 Replace the rubber moulding.

4 Fit the black plastic shrouds to the spreader bar pivot and insert into the boom end. Line up the holes in the boom, shrouds and pivot and insert the sleeve.

5 Insert the security pin into the outer sleeve ensuring, that the security tab is visible when it passes through the outer sleeve.

NOTE: It is most important that the spreader bar assembly is carefully checked to ensure the wear washer is on the pivot and the spreader bar is completely secure before leaving the hoist

BOOM

1 Remove the grey plastic covers from the top of the boom .The covers are a push on fit. Remove the covers by gently levering a thin blade or screwdriver between the boom and the covers.

2 Check the two M12 hexagon headed bolts that hold the boom pivot casting , are **fully tightened to 15 Nm**.

3 Replace the grey plastic covers to the boom.

4 Examine the actuator mounting point. Without taking the mounting apart check for signs of wear on the fulcrum pin. Check for excessive vertical and horizontal movement in the mounting. This will give a good indication of wear but if there is any doubt the assembly should be stripped down as follows:

5 Remove the set pin from the actuator bracket.

6 Examine the pin for signs of wear. The diameter of the fulcrum pin is 9.5mm. Reduction in diameter due to **wear must not exceed 1 mm,** before replacement.

7 Remove the outer sleeve bush from the boom bracket and actuator top while holding the actuator, carefully lower the actuator to the ground. (Take care not to loose the nylon spacers on either side of the actuator on the inside wall of the boom).

8 Examine the outer sleeve bush for wear **this should not exceed 1mm**.

9 Examine the actuator mounting on the boom for wear on the bore of the bracket **this should not exceed 2mm**.

10 Examine the actuator top for wear **this should not exceed 1mm**.

11 Examine the split bushes for wear this should not exceed 0.5mm.

12 Reassemble the actuator to the boom bracket by replacing the sleeve, plastic washers, set pin and nut.

13 Tighten the nyloc nut to 5 Nm.

NOTE: Sunrise Medical recommends Nyloc nuts should always be replaced if undone **ALWAYS** torque fasteners to the correct setting.

MAST/BOOM PIVOT

1 Check the pivot for lateral, vertical and horizontal play that would indicate excessive wear. Signs of excessive wear must be investigated and the pivot stripped down Lateral play at the pivot point must not exceed 1 mm before replacement.

2 Remove the plastic SUNRISE logo covers from the Boom pivot.

3 Check the Set pin is **tightened to 8 Nm**.

4 Replace the plastic SUNRISE logo covers from the Boom pivot

REMOVAL OF THE MAST/BOOM PIVOT

Construction of the mast/boom pivot, comprises of 8 components, 1 off 2.125ins x 0.500ins x 3/8BSW Set pin, 1 off 3/8BSW Nyloc Nut, 2 off 25mm x 13mm x 2mm steel washers, 1 off 20mm O/D outer sleeve, 2 off 80mm x 1.5mm plastic pivot bearing washers, and 1 off boom pivot casting.

1 To remove the boom Pivot it is advisable to first remove the two M12 bolts from the boom end this will enable the pivot to be removed and replaced more easily.

2 The boom pivot is held in place with a set pin.

3 Remove the pin.

4 Examine the pin for signs of wear. The diameter of the pin is 12.7mm Reduction in diameter due to **wear must not exceed 1 mm** before replacement.

5 Withdraw the outer sleeve bush from the boom pivot (if you did not remove the two M12 bolts hold the boom while doing this as it may fall forwards).

6 Inspect the sleeve for wear as per the fulcrum pin.

7 Remove the plastic bearing washers (2off) from the pivot and examine for any wear or damage. Lateral movement at the pivot is most likely to be because of wear on the washers.

8 Examine the Mast/Pivot casting, the pivots internal bore and the holes in the mast in particular for wear or damage. The bore and holes are 20mm in diameter; **wear should not exceed 1 mm on diameter** before replacement.

RE-ASSEMBLING THE MAST/BOOM PIVOT

After performing all the actions and checks in section 5 reassemble the Mast /Boom pivot as follows:

1 Lubricate the Set pin and sleeve with any light mineral-based grease, or silicon spray paying particular attention to the bearing washers, and the boom pivots internal bore.

2 Insert one end of the outer sleeve into the hole on one side of the mast.

3 Refit the Boom pivot and one bearing washer into the top of the mast.

4 Align the holes in the mast, bearing washer and Boom pivot.

5 Insert the sleeve into the holes and ensure it passes into the boom hole on the opposite side.

6 Pull back the sleeve until it is inside the pivot.

7 Insert the remaining bearing washer between the pivot and the inside of the mast.

8 Line up the hole of the washer with the bore of the pivot and push the sleeve through the washer and into the boom.

9 Insert the set pin into the sleeve including the steel washers and fasten the Nyloc nut. **Tighten to15 Nm**.

10 Insert the Boom pivot into the boom and refit the 12mm bolts refit M12 Nyloc nuts. (See note below). **Tighten each bolt to 15 Nm**.

11 Replace plastic covers.

NOTE: Sunrise Medical recommends Nyloc nuts should always be replaced if undone.

NEVER fit a new pin or sleeve to a worn or damaged casting/component.
ALWAYS torque fasteners up to the correct setting.

MAST

1 Remove the grey plastic covers from the top of the mast. The covers are a push on fit. Remove the covers by gently levering a thin blade or screwdriver between the mast and the covers.

2 Check the two M12 hexagon headed bolts that hold the boom pivot casting, are **fully tightened to 15 Nm**.

3 Replace the grey plastic covers to the mast.

4 Check the socket headed counter sunk screws (4), which hold the push handle to the mast. With a 5 mm A/F Allen key confirm the screws are fully tightened to **5 Nm**.

5 Examine the actuator mounting point for damage or wear.

6 Without taking the mounting apart check for signs of wear on the set pin.

7 Check for excessive vertical and horizontal movement in the mounting. This will give a good indication of wear but if there is any doubt the assembly should be stripped down as follows:

8 Remove the set pin that secures the actuator to the mast bracket.

9 Examine the pin for signs of wear. The diameter of the set pin is 9.5mm. Reduction in diameter due to **wear must not exceed 1mm** before replacement.

10 Remove the outer sleeve bush from the mast bracket, and actuator-mounting boss while holding the actuator, carefully lower the actuator and boom to the ground.

11 Examine the outer sleeve bush for wear **this should not exceed 1mm**.

12 Examine the actuator mounting bracket on the mast, for wear on the bore of the bracket **this should not exceed 1mm**.

13 Examine the actuator bottom mounting boss for wear **this should not exceed 1mm**.

After performing all the actions and checks reassemble the actuator to the mast as follows:

1 Lubricate the Set pin and sleeve with any light mineral-based grease, or silicon spray paying particular attention to the, bearing washers, and the boom pivots internal bore.

2 Replace the pin and sleeve through the actuator and mast bracket.

3 Replace washer and nyloc nut **Tighten to15 Nm**.

4 Confirm the presence and the proper location of the engagement label.

5 Check the mast is fully engaged as per the engagement label.

6 Check the engagement of the mast-locking knob.

7 Confirm the mast will lift from the mast socket when the locking knob is unscrewed.

8 Check the electric leg opening contact assembly, for secure fitment and damage or wear.

NOTE 1: It is most important set pin and sleeve assemblies are re-assembled carefully. Check to ensure complete security.

NOTE 2: Sunrise Medical recommends Nyloc nuts should always be replaced if undone.

NEVER fit a new pin or sleeve to a worn or damaged casting/component.
ALWAYS torque fasteners up to the correct setting.

BATTERY PACK & CONTROL UNIT

1 Confirm the mounting bracket is firmly attached to the mast. Three M6 cap head screws secure the mounting bracket. **Confirm the screws are fully tightened to 5 Nm**.

2 Check the engagement of the battery pack with the mounting. The battery pack should snap into place and be retained by a latch at the top of the pack. Make sure the latch is functioning correctly and holds the battery pack firmly in place.

3 Check the actuator, and hand control plugs are inserted fully into the appropriate socket on the base of the control unit. The plugs, particularly the hand control plug, are a tight fit in the sockets and must be pushed fully home. The hand control plug is indexed and can only be fitted in one position. The other plug is not indexed and can be fitted with a straight push.

4 Inspect the hand control and coiled lead for any obvious signs of damage. Damage to the hand control and particularly to the lead can cause intermittent faults. The hand control should be replaced if damage is evident. The mounting hook on the rear top of the hand control, can be replaced by unscrewing two screws and fitting a new hook.

5 Check the operation of the hand control. Press the up and down buttons and confirm the boom moves in the proper direction.

6 Press the leg open and close buttons and confirm the legs move in either direction.

7 Check the operation of the Emergency stop switch. Push in the red button, this will latch and remain depressed and cut off all power to the lift.

8 Confirm by looking at the LCD panel that should now state the word STOP and show the image of a plug by the side of it and, by using the hand control.

9 Return power to the lift by twisting the red button clockwise and releasing. The LCD panel should no longer be showing the word STOP or the image of a plug and battery power should now be displayed instead.

Check the operation of the Emergency raise and descent buttons. These are small flush buttons on the front of the control unit under the Emergency stop switch labelled EMERGENCY and an up and a down arrow. The button is operated by pushing with a ballpoint pen or similarly shaped object.

CROSS MEMBER - LEGS/LEG PIVOT PINS

1 Check the leg pivots are secure and **tightened to 5 Nm**, and the legs pivot freely. Any stiffness must be investigated.

2 Check that there is no excessive play in the leg pivots.

3 Support the underside of the cross member so the front castors are off the floor and check the up and down movement of the leg. Movement in excess of 5 mm is not acceptable and the pivot should be stripped down for closer inspection.

4 Removal of the legs/leg pivots can be done as follows.

5 Remove the mast and boom assembly and set aside. Turn the lift base upside down and unscrew the 24 off M6 CSK head screws that secure the base plate to the cross member.

6 Remove the base plate.

7 To enable the leg pivot pin to be inspected, it will be necessary to remove the set pin that holds the piston end of the actuator in place on the cross member. Once the pin is removed the leg and the actuator can be lifted free from the cross member.

8 Remove the leg and actuator taking care not to loose the bronze bearing washers at each end of the leg pivot pin.

NOTE: Support the actuator to prevent damage to the mounting point still attached to the leg. If any work is to be done on the leg it is safer to remove the actuator.

9 The leg pivot pin can now be withdrawn and inspected.

10 Clean the pin of any debris or replace the pin if worn.

11 Inspect the leg pivot bush in the leg. Clean the bush in the leg of any debris or replace the leg if it is worn.

RE-ASSEMBLY OF THE LEG PIVOT PINS

1 Lubricate the leg pivot pin with any light mineral-based grease, or silicon spray.

2 Place one of the bronze washers over the hole in the main base casting of the cross member.

3 Refit the pin into the leg with the deeper shoulder of the pin going into the main base casting of the cross member.

4 Place the leg over the pivot.

5 Place remaining bronze washer over the leg pivot pin so that it rests on the surface of the leg bush.

6 Replace the set pin **(after applying threadlock)** that secures the actuator piston to the centre of the cross member and **tighten to 5 Nm**.

7 Replace the plates.

8 Apply locktite to the M6 CSK screws and **tighten them to 5 Ncm**.

9 Ensure the leg actuators opens and closes the legs correctly.

NOTE: Before applying threadlock to any screw or bolt check it can be screwed into the component without hindrance from old remaining threadlock. As this could affect the proper torque setting.

CROSS MEMBER - LEG ACTUATORS

1 To remove the actuators you will need to remove the base plate and leg assemblies as per the procedure in section **CROSS MEMBER - LEGS/LEG PIVOT PINS**.

2 The set pins can now be removed from the leg end on the actuators.

3 Disconnect the bullet connectors on the wiring looms to remove the actuators from the hoist.

4 After inspection or replacement, reconnect the bullet connectors.

5 Refit the set pin and nyloc nut for the actuator on the leg end first and **tighten to 5 Nm**.

6 Replace the set pin **(after applying threadlock)** that secures the actuator piston to the centre of the cross member and **tighten to 5 Nm**.

7 Replace the plates.

8 Apply locktite to the M6 CSK screws and **tighten them to 5 Nm**.

9 Ensure the leg actuators opens and closes the legs correctly.

NOTE 1: Sunrise Medical recommends Nyloc nuts should always be replaced if undone.

NOTE 2: Before applying Locktite to any screw or bolt check it can be screwed into the component without hindrance from old remaining threadlock. As this could affect the proper torque setting.

REAR CASTORS

1 Check the front and rear castors are firmly fixed to the legs. Remove any loose castors with a 21mm A/F Spanner, re-assemble with Loctite or similar thread locking compound. **Tighten to 10 Nm**.

2 Make sure the castors swivel and the wheels rotate freely. Remove any build up of threads, hair or fibres that may clog the bearings and prevent free rotation. Lubricate if necessary with a light, mineral based grease or silicon spray.

3 Check the action of the brakes on the rear castor. A foot-operated pedal activates the brake. Check the brake pedal locks in place and that the castor does not move when the brakes are engaged.

NOTE: Before applying Locktite to any screw or bolt check it can be screwed into the component without hindrance from old remaining Locktite. As this could affect the proper torque setting.

FRONT CASTORS

1 Check the front and rear castors are firmly fixed to the legs. Remove any loose castors with a 21mm A/F Spanner, re-assemble with threadlock. **Tighten to 10 Nm**.

2 Make sure the castors swivel and the wheels rotate freely. Remove any build up of threads, hair or fibres that may clog the bearings and prevent free rotation. Lubricate if necessary with a light mineral based grease or silicon spray.

NOTE: Before applying threadlock to any screw or bolt check it can be screwed into the component without hindrance from any old remaining threadlock. As this could, affect the proper torque setting.

FAULT FINDING

• Problem - Hoist not working

Possible Fault	Remedy
Emergency stop switch activated	Can be identified by a LCD panel that will have the word STOP and a picture of a plug in the panel. Turn red button clockwise or anticlockwise (try both) and release.
Flat batteries	Can be identified by a LCD panel that will have none of the four blocks illuminated (audible beep should have been heard prior to this)
Power supply disconnected (detachable battery packs)	Push battery into place until a CLICK can be heard
Completely flat batteries (discharged beyond recovery)	Replace batteries

• Problem - Hoist won't go up or won't go down

Possible Fault	Remedy
Hand control plug not fully engaged	Push plug firmly into socket (in an emergency use of the Emergency raise and lower function on the control box will suffice)
Wiring in hand control plug detached	Replace hand control + As above
Hand control switches not working	Replace hand control + As above
Wires detached inside handset	Replace hand control + As above
Hand control socket damaged	Replace control box
Relay on control board inoperative	Replace control box
Defective actuator	Replace actuator
Anti-crush micro switch activated (Safety Device)	Check for correct function of micro switch, or remove any obstacle that may have come between the boom as it was lowering
Actuator jack plug disconnected	Checkout plug and re-connect
Actuator socket damaged	Replace control box

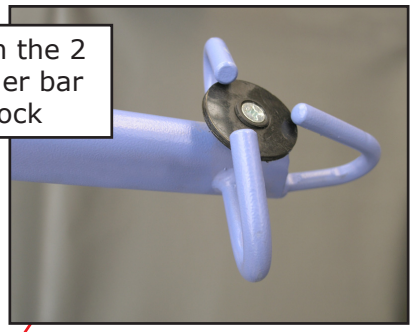
• Problem - Electric Leg Operation not working (one or both legs not moving)

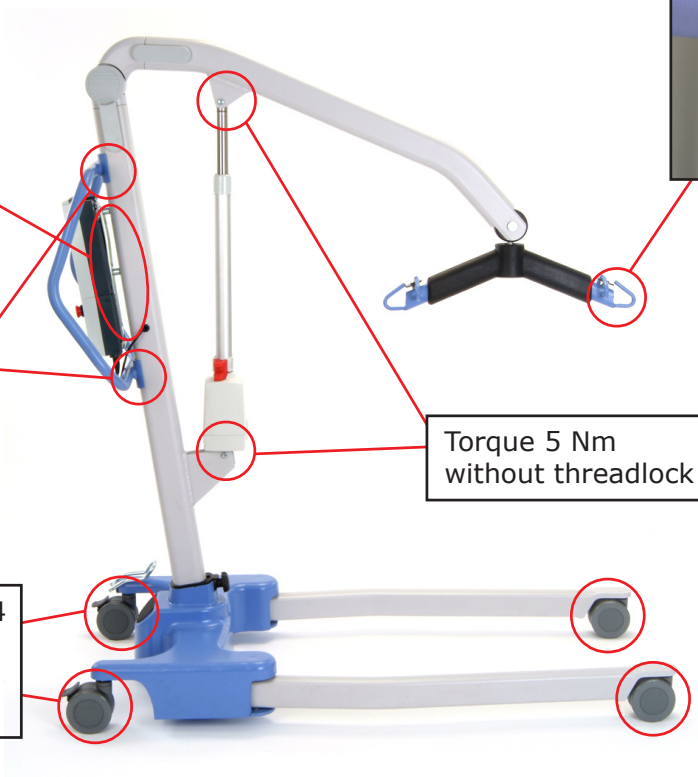
Possible Fault	Remedy
Leg opening plug disconnected	Re-connect
Actuator disconnected from leg or centre mounting	Re-assemble, replace mounting bolts
Actuator defective	Replace actuator
Power coupling in mast base defective	Replace coupling

TORQUE SETTINGS

All 3 bolts on battery bracket are torqued 5 Nm with threadlock

Torque 5 Nm on the 2 bolts on spreader bar with threadlock

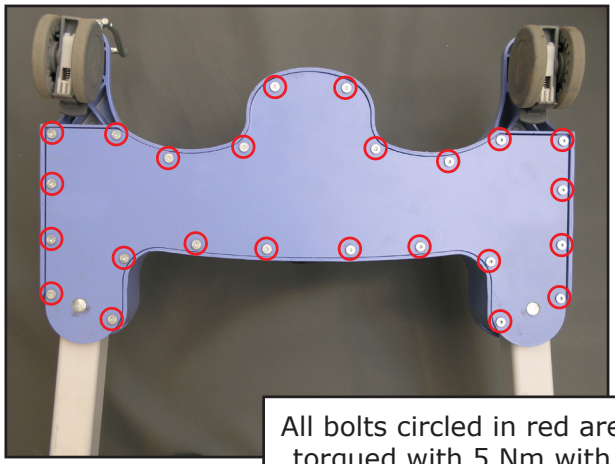




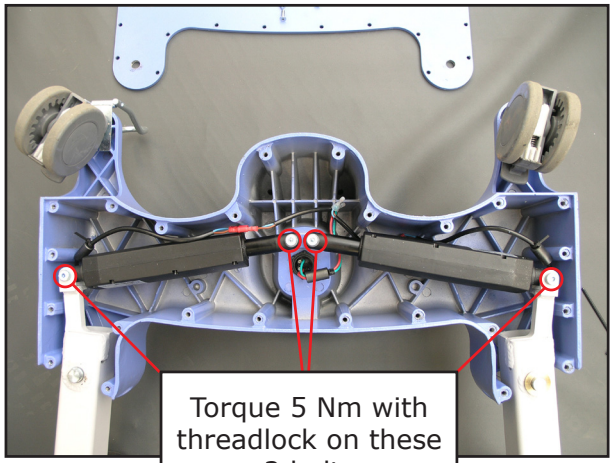
All 4 bolts on handle frame are torqued 5 Nm and with threadlock

Torque 5 Nm without threadlock

Torque 10 Nm on all 4 castor stems (front and rear) and with threadlock



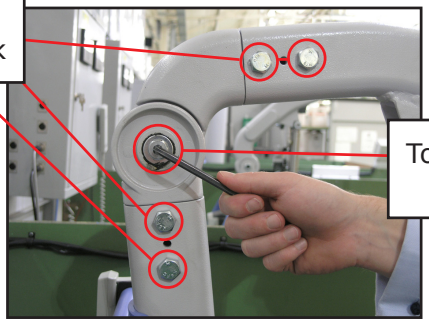
All bolts circled in red are torqued with 5 Nm with threadlock



Torque 5 Nm with threadlock on these 2 bolts

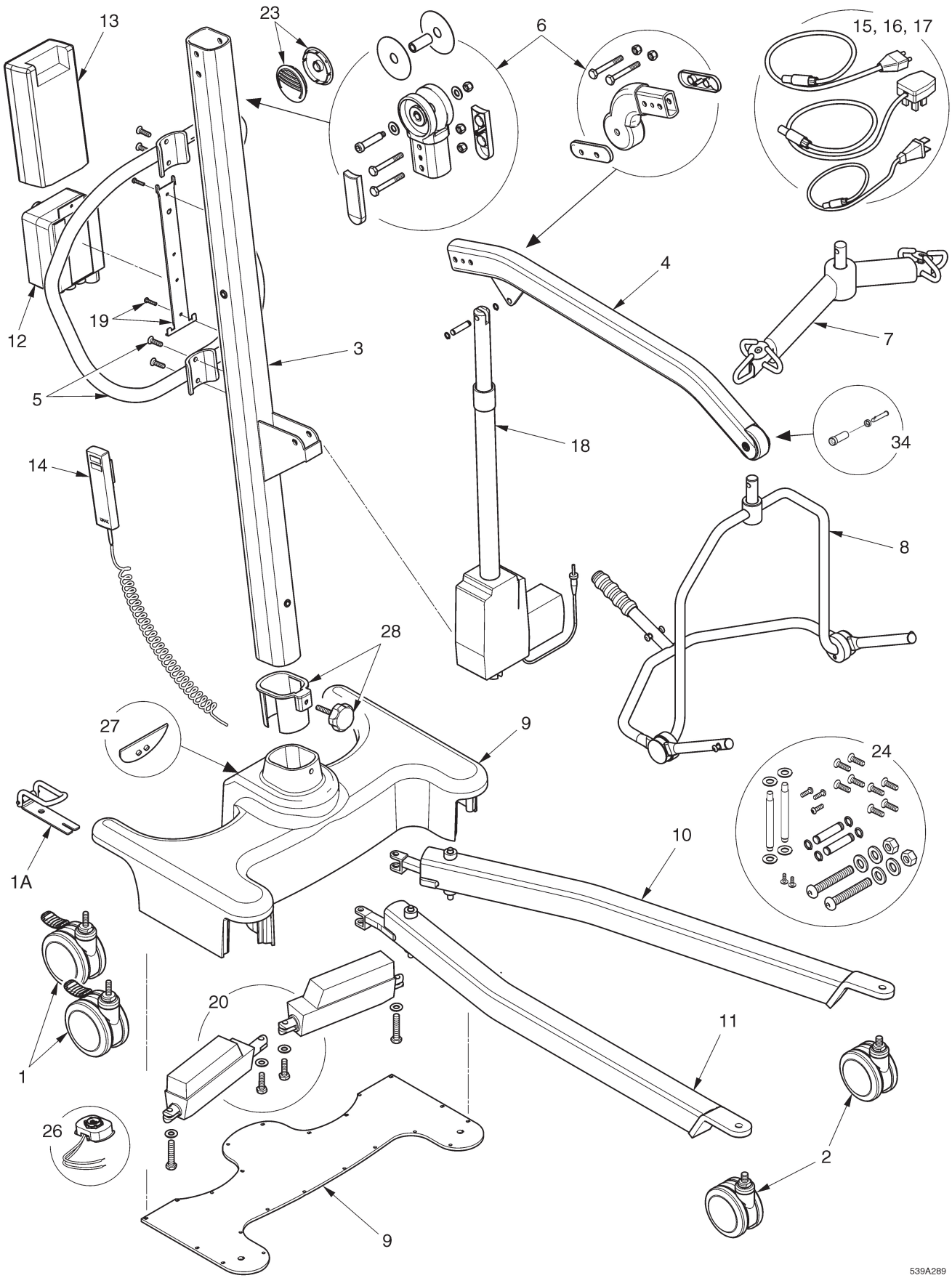
Torque 5 Nm without threadlock on these 2 bolts

Torque 15 Nm without threadlock



Torque 8 Nm with-out threadlock

EXPLODED VIEW



PARTS LIST

OXFORD / HOYER PRESENCE			
Nº	**PART NUMBER**	**DESCRIPTION**	**QTY**
1	0Y0066	100mm rear castor (braked)	2
1A	0Y0263	Straight-line steering device	1
2	0Y0073	100mm front castor including tightening wrench (wrench not shown)	2
3	0Y0082	Mast extrusion including labels	1
4	0Y0083	Boom extrusion (inc. boom end caps and labels except Oxford/Hoyer dome label)	1
5	0Y0084	Push handle assembly (inc fixings)	1
6	0Y0089	Casted boom to mast pivot joint (includes connection bolts/fixings/spacers)	1
7	0Y0048	Spreader bar assembly complete (2 point)	1
8	0Y0050	Spreader bar assembly complete (4 point)	1
9	0Y0080	Base assembly (including base casting, bottom plate and labels, not internal parts)	1
10	0Y0085	Left leg extrusion (including fixings)	1
11	0Y0086	Right leg extrusion (including fixings)	1
12	0Y0074	Linak controller (4 way)	1
13	0Y0067	Linak battery	1
14	0Y0075	Linak hand control (4 way)	1
15	0Y0071	Linak charge lead (UK)	1
16	0Y0114	Linak charge lead (US)	1
17	0Y0072	Linak charge lead (EU)	1
18	0Y0087	Linak actuator - 400mm stroke (inc. location pins, sleeves, washers, circlips and labels)	1
19	0Y0069	Linak battery and controller (including brackets/fixings)	1
20	0Y0081	Linak leg opening actuators - 30mm stroke (including bolts and fixings)	1
21	0Y0091	Decal set (Oxford) not shown - no serial number labels	1
22	0Y0090	Decal set (Hoyer) not shown - no serial number labels	1
23	0Y0126	Sunrise Pivot Caps	2
24	0Y0088	Fixings Kit (all bolts, screws and fixings)	1
25	0Y0070	Handset clip (not shown)	2
26	0Y0077	Mast to base electrical connection kit (including wires)	1
27	0Y0078	Foot push pad assembly complete	2
28	0Y0079	Mast locking knob assembly including plastic base insert	1
29	0Y0128	Caster tightening wrench (not shown)	1
30	0Y0053	Linak charger and stand assembly (not shown)	1
31	0Y0129	Base to actuator electrical connection kit (including wires)	1
32	0Y0108	Boom to mast pivot plastic caps	2
33	0Y0076	Mast side caps	2
34	0Y0222	Quick release pin kit	1

LOLER: Thorough Examination Report

Lifting Operations and Lifting Equipment Regulations 1998 Schedule 1

Client Name & Address _____

_____ Tel _____

Address of Examination _____

Model _____ Serial No. _____ Date of Manu. _____

Date of last Examination _____ Safe Working Load _____

Commissioning Examination ❑ Yes ❑ No Safe to Operate ❑ Yes ❑ No ❑ N/A

Periodic Examination ❑ Yes ❑ No
Interval of Examination ❑ 6 Months ❑ 12 Months ❑ Examination Scheme ❑ Exceptional
Safe to Operate ❑ Yes ❑ No ❑ N/A

Defective Parts (Immediate Attention):

Part Number	Description	Defect	Action Taken

Defects requiring rectification at a later date:

Part Number	Description	Defect	Action Taken	Latest Date

Next examination due date _____

Load test conducted according to ❑ BS 5827 ❑ BS EN ISO 10535 ❑ Other (state) _____

Thorough examination carried out (Date) _____

Name of Examiner _____ Job Title _____

On behalf of (Company/Organisation) _____

Address _____

_____

Signed _____ Signed on behalf _____

Date of Report _____ Name & address _____

_____

_____

_____

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NOTES

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