

Routine Maintenance Overview

Periodic maintenance is a vital component of keeping your equipment in safe operating condition. A machine that is not properly maintained could create potentially hazardous situations for nursing staff and residents/patients. The following contains information on necessary periodic maintenance.

Use the checklist in combination with the Troubleshooting Guide and the Evidence of Learning training software. It will keep your Care Lifts and Stands in safe working condition and reduce the possibility of potentially dangerous situations. Equipment not passing the maintenance tests indicated below should be removed from service until the test can be passed.

Please call 800-695-4479 or visit our website at www.medcarelifts.com with any questions.

Every Day:

- Inspect slings and belts for wear and tear before every use. Immediately remove any damaged slings and belts from service and replace.
- After each use, inspect slings and belts for wear and tear. Immediately remove any damaged slings and belts from service and replace. If necessary, wash the slings and belts per the washing and care instructions.
- Check the battery. If the indicator lamp is illuminated, the batteries should be charged.
- To keep your Care Lifts and Stands clean, wipe down with a damp cloth using warm water to which a mild detergent has been added.

NOTE: Do not use petroleum-based solvents, trichloroethylene or similar products in cleaning the surface of Lifts or Stands, as they may damage the plastic. If a hot air dryer is used, the temperature must not exceed 175°.

Periodically:

How often the following actions are taken depends on how often the equipment is used. It is a good idea to start by doing it once a week and then rely on experience to decide how often it is necessary in the future.

- Check that the lift can be propelled in a normal manner, making sure that the casters are free in their movements (as clogging by debris can occur) and that the tread or caster is not damaged. Also ensure that the casters are firmly secured to the chassis.
- Carefully inspect all plastic parts, particularly where there is personal contact with the resident's/patient's body, making sure that no cracks or sharp edges have developed which could injure a resident's/patient's skin or become unhygienic.
- It is essential that the straps on the slings be carefully inspected. If the straps become frayed or worn, they should be removed from service immediately.
- Inspect slings and belts for wear and tear before every use. Immediately remove any damaged slings and belts from service and replace.
- Check that all external fittings are secure, and that all screws and nuts are tight.
- Check welded joints for any cracks, rust or signs of wear. Immediately remove any equipment from service that shows signs of weld or frame stress or excess wear and contact Medcare to schedule an inspection.

Periodic Testing:

For normal operation:

- Emergency lowering – With the lift arm in the raised position, press the emergency button on the backside of the battery receiver box. The arm should go down.
- Chassis function – Open and close the chassis legs and check for full range of movement.
- General lift condition – A general visual inspection of the external parts and all functions should be carried out to ensure no adverse damage has occurred. If in any doubt, remove the equipment from use and call the Medcare Technical Service Department.

NOTE: Apply LITHIUM grease to all smooth surfaces that move metal on metal such as shoulder bolts. Apply LOCTITE threadlocker (medium strength) to all threads before tightening.

Recommended replacement:

- Actuators are recommended to be replaced after 4 years of use.
- Support bars on lifts should be replaced when excessive wear is apparent.
- Slings are recommended to be replaced after 2 years of use.

Preventive Maintenance Checklist

General Maintenance

PASS FAIL

- Actuator and Connections** – Check the operation of the actuator. Remove bolts and check for lithium grease. If none present, apply and re-insert. Use of a thread locker is recommended when re-attaching nut to bolt.
- Actuator** – Check the up and down movement. If it makes noise or wobbles, it should be inspected.
- Actuator Cover** – Clean and check for wear & tear.
- Base Cover** – Clean and check for cracks and sharp edges.
- Boom/Arm Pivot Pins & Bushings** – Check the area where the arm or boom meets the mast. Be sure the nut and bolt are securely attached. If not operating smoothly, remove bolt and apply lithium grease. Re-insert the bolt; apply thread locker, and secure nut.
- Scale Display** – Check to make sure the wires in back of the display are secure. Calibrate the display. (See page 12.) (Only on units with scales.)
- Front Casters** – Clean debris from casters and test for smooth rolling.
- Hand Control** – Check for smooth operation.
- Leg Covers** – Clean and check for sharp edges.
- Leg Bolts** – Remove base cover and check to make sure bolts are flush with base. If not, tighten. Periodically remove bolts, apply lithium grease, and re-insert using thread locker on the threads.
- Leg Spreader Pivot Bar** – Check the bolt on the base and make sure the nut is at least 2 threads inside the end. This nut may be adjusted to your preferred tension.
- Mast/Base Bolts** – Check bolts to make sure that they are tight. If not, remove, apply thread locker and re-tighten.
- Rear Casters** – Clean and remove debris. Check to make sure the brakes are working properly and that the wheels are firmly attached.
- Receiver Box** – Clean and check for operation. Check that the on/off switch is functioning properly. Try out the toggle switch, and verify both the up and down motion of the actuator.
- Batteries** – Check for damage, and check voltage. Always check voltage of a fully charged battery.
- Charger** – Check for damage to plug, and check voltage.
- Slings & Belts** – Inspect slings and belts for wear and tear before every use. Immediately remove any damaged slings and belts from service and replace.

Stand Maintenance

PASS FAIL

- Foot Platform** – Remove the platform and clean. Be sure to remove the plastic footplate cover and clean underneath. Pay particular attention to the plastic and check for sharp edges.
- Knee Pad Assembly** – Check for tears and clean the leg strap and surface of pad.
- Padded Hand Grips** – Clean hand grips, and check that they are pushed all the way on.
- Arm Pads** – Clean and check for wear & tear.
- Foot Pedal** – Check for smooth operation.

Lift Maintenance

PASS FAIL

- Emergency Lower** – Open red collar. Turn shaft and make sure it lowers.
- Boom Head Cushion** – Check to make sure it is still present and securely attached.
- Hanger Bars** – Check that there are two hanger bars and no significant wear exists.
- Yoke Cover** – Clean the yoke cover and inspect for wear.
- Load Cell Housing** – Check for sharp edges & cracks.
- Mast Protector** – Check to make sure the mast protector is intact and clean. Check for cracks & sharp edges.
- Scale Hanger Assembly** – Verify that the nut and bolt are secure and that there are two hanger bars attached.

Additional Checklists and Maintenance Record Sheets are available at www.medcarelifts.com

Parts Guarantee

Medcare guarantees that all essential operating parts will be in stock and shipped the same day an order is placed or the part is free.*

Essential Operating Parts include:

- Actuators
- Batteries
- Receivers and Chargers
- Scales and Scale Displays
- Hand Controls

*Customers pay for the cost of shipping on parts not covered under warranty. Unless otherwise noted on the purchase order, parts will be shipped UPS Ground. Customers pay for any expedited shipping on parts covered under warranty. Orders received after 2:00 p.m. CST will not be processed until the following business day.