

MORTUARY LIFT™ COMPANY

A Lifting Experience™



127 COTTAGE GROVE AVE S.E.
CEDAR RAPIDS, IOWA 52403
800-628-8809 • 319-364-4910
www.mortuarylift.com

Name: _____

Address: _____

Phone: _____

Serial Number: _____

Machine Checklist

External Parts

- _____ Inspect all straps for rips, punctures, fraying, cracks, bent hooks wear & tear.
- _____ Inspect the Head Sling for fraying, loose parts, broken hooks & damage.
- _____ Inspect all cords & ends for fraying, cracks, tears, cuts & loose parts.

Chain & Sprocket (suggested: CRC - Power Lube - Multipurpose lubricant)

- _____ Inspect chain links, lubrication & half link. Ensure cotter pin is secure.
- _____ Check & tighten set-screw in sprocket.
- _____ Ensure sheer pins are not bent.

Gears (suggested: Lucas Heavy Duty Grease X-Tra)

- _____ Inspect Gears for breaks, wear, chips & rounded edges.
- _____ Make sure gear & sprocket are tight together & secure to gearbox shaft (set screws).
- _____ Check & ensure set screw on sprocket is tight.
- _____ Grease gears as needed with Lithium grease.

Pillow Blocks - Zerks (grease fitting)

- _____ Grease Zerks with one squirt of a grease using a grease gun.
- _____ Make sure bolts & set-screws are tight & secure.

Pulley Wheels (white lifting straps are attached to them)

- _____ Remove cotter pins & sheet pins, inspect for wear & tear on sheer pin.
- _____ Inspect for grooves, breaks & damage.
- _____ Replace nylon lifting straps, cotter pins & sheer pins annually.

Motor

- _____ Inspect & make sure mounting bolts are tight & secure.
- _____ Inspect gear box for any cracks & leaks.

Receiver Board (please do not touch the board as this may cause malfunctions)

- _____ Visually inspect the receiver board for any loose or stray wires.

Pendant

- _____ Be sure strain wire is connected from pendant to base & is shorter than the yellow cord.
- _____ Check inside pendant that all wires are secure in terminals.

Base Plate

- _____ Inspect base plate welds (ensure no detachments or cracks).
- _____ Check bolts coming through the machine base plate. Bolts should be double nutted or have a lock-nut.
- _____ Make sure all thread extends past the nuts.

Gearbox (Models - ML-011, ML-012 ML-013)

- _____ Make sure breather plug has been installed.
- _____ Check for leaking from seals.
- _____ Wipe seals clean.

TO REPLACE OIL:

- _____ Place receptacle under gear motor.
- _____ Remove screws from bottom plate of gearbox to release oil.
- _____ Clean seals where bottom plate was removed with rubbing alcohol.
- _____ With silicon glue re-apply a seal around the hole opening of bottom plate.
- _____ Replace bottom plate.
- _____ Wipe off excess silicone.
- _____ Let dry 24 hours.
- _____ See Notes "To Fill Lost or Low Oil"

TO FILL LOST OR LOW OIL:

- _____ Remove the fill plug located under the breather plug.
- _____ Using an oil pump dispenser fill with 600 weight cylinder oil.
- _____ Tighten bolts that hold the motor & gearbox together.
- _____ Replace fill plug.
- _____ Check for leaking grease.

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Installation Checklist

Track

- _____ Check ceiling attachments.
- _____ Tighten end stop bumpers.
- _____ Check side anchor bolts on the side of the bracket & make sure the track does not slip.
- _____ Check the bolts & threaded rod at the mounting bracket location.
- _____ Check upper threaded rod (if visible).

Trolley (No Pivot)

- _____ Tighten set screw on side of trolley.
- _____ Make sure the trolley is bolted to the machine with both the 5/8" & the 3/8" bolts.
- _____ Ensure there is no gap between the metal base plate of the machine & trolley.

Pivot

- _____ **MACHINE SHOULD NOT SPIN 360° (Liberally apply thread-lock on all of the 5/8" - 11 bolt threads).**
- _____ Determine what style of pivot is installed (large block, short block, or keyway).
- _____ Always ensure one set screw on the pivot spindle is in place.
- _____ Tighten set screw on side of trolley (wheels).
- _____ Check pivot bolt, pivot rotation, & trolley set screw.
- _____ Grease Pivot twice a year.
- _____ Make sure the flat roller bearing on the bolt head & under pivot spindle are not crushed or worn.

Recommended Cleaning

White Plastic Machine Cover:

Spray with a non abrasive household cleaner such as 409 or Windex.

You may use a Magic Eraser to remove scuff marks.

White Nylon Lifting Straps:

You may disinfect with a diluted bleach spray.

Follow-up by spraying fresh water on straps.

Spray starch and a hair straightener (on low) will remove creases

White plastic Glidetec straps:

Wash with hot soapy water.

You may disinfect with a diluted bleach spray.

Head Sling:

Wash in warm water in a washing machine (put in garment bag)

Do not use bleach

Do not machine dry

Air dry only

Black Nylon Casket Straps:

Wash in warm water in a washing machine (put in garment bag)

Do not machine dry – Air Dry only

NOTES