



HOW TO
Service a platform lift on a
wessel

EA6 / EA7 / EA9

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1 Introduction

Products mounted on a Wessel are often exposed to high humidity and a lot of salt in the air. The marine treated platform lift from Cama is developed so that it can operate under those conditions.

Since the product can differ in configuration, it is not possible to have one complete IP rating for the entire product. Therefor the product does not have one IP rating attached to the entire product.

Each electrical part in the lift, that is highly exposed to weather conditions, has been chosen carefully. One of the demands for choosing the electrical part is that it has got a unique IP rating which will be at least IP 65.

The main board which is positioned inside the lift is mounted in a double sealing consisting of a box put on top of the electronical board and the cover for the entire body of the lift.

It is although important to service the product more often than for example a product which is mounted in a house, where the humidity is lower and no salt in the air.

It is for this reason you must service the product with the frequency described in the following document.

1.1 Use the product on a regular basis.

The lift is consisting of a lot of parts that fit together. Should the lift not be used, there is a potential risk, some of the parts can get rusty and get stuck.

It is therefore important the lift is being used on a regular basis. It is recommended you use the product 2 x 15 minutes per week depending on the conditions.

1.2 Check the function of the lift

You can compare the lift with a car, if it is not being used, there is a risk that brakes etc. will get stuck. By using the lift and checking all functions the risk for moving parts to get stuck is much smaller. Therefore, it is recommended all the functions are being used/checked on a regular basis.

1.3 Check the charging points.

The charging points (only on the EA6) mounted both on the rail and on the lift must be inspected on a regular basis, as it is a wear part. Therefore, we recommend that you check it for wear and corrosion on a regular basis and that they are replaced regularly. Salt can cause transition in electrical parts, hereunder the charging point. Therefore, it is important to keep them clean from salt and possibly smear them with some lubrication that keeps moisture away.

1.4 Check the switches

Since some of the switches are rather exposed to the weather, it is important those are checked and tested on a regular basis. By cleaning the switches and afterwards greasing them you will prevent them from getting stuck. Finally, we recommend you test the switch by activating/deactivating it.

1.5 Check all stanchions

The stanchions are as well as the carriage a part of the entire lift construction. We recommend you sometimes make a visual test on the stanchions and the steel parts attached to the stanchions for scratches and especially for cracks.

1.6 Check all screws

Over time there is a risk some of the bolts and screws might loosen. We recommend you check the bolts and screws on the entire construction and the lift on a regular basis.

1.7 Grease the gear rack

The rack and pinion system on the lift is different on the straight inclined platform lift (EA7/EA9) and the curved inclined platform lift (EA6).

The rack and pinion system on the EA7/EA9 must be greased with traditional grease.

Since the wheels on the EA6 are made of nylon with a steel core you are **NOT** allowed to use grease at all.

It is very important you keep the rail clean with alcohol. The nylon wheel can be greased with silicon spray.

1.8 Do not shut off the main switch

When the lift is turned on, the electronical parts are producing a small amount of heat. This small amount of heat is meant to keep the box with the main board free from humidity. Therefore, it is important you do not shut off the main switch.



IMPORTANT Please make sure that no liquids can run into the lift and the parts on the lift.

1.9 Cleaning

Please vacuum the platform and take care that no objects will lay between platform and lift, especially in the autumn you should make sure to remove leaves and other dirt. The

easiest way to do that is to use a vacuum cleaner. In winter, please remove ice and snow from the rail and the driving lane/landing.

Please think about ordering an extra cover for your lift. This will protect your lift against the bad weather.

**IMPORTANT**

Even though some lift components are IP rated, as described earlier, and can withstand the tough weather conditions, it is not allowed to spray water directly on the lift.

In case any paint damages occur, you can help yourself with a painting pencil from a car store.

1.9.1 Maintenance

As all other technical installations, a regular maintenance must be done to ensure the perfect condition of your lift. Depending on location this must be done four times a year.

Maintenance includes safety checks that are basic for safety and condition of your lift.

It should only be done by Cama or by a company authorized by Cama.

1.9.2 Service

The following service must be fixed in time.

	2 times a month	Every month
Check the function of the lift	x	
Check the rail	x	
Check the switches	x	
Check the electrical cable		x
Check all screws		x
Check all stanchions		x
Grease the gear rack with grease/silicon spray		x