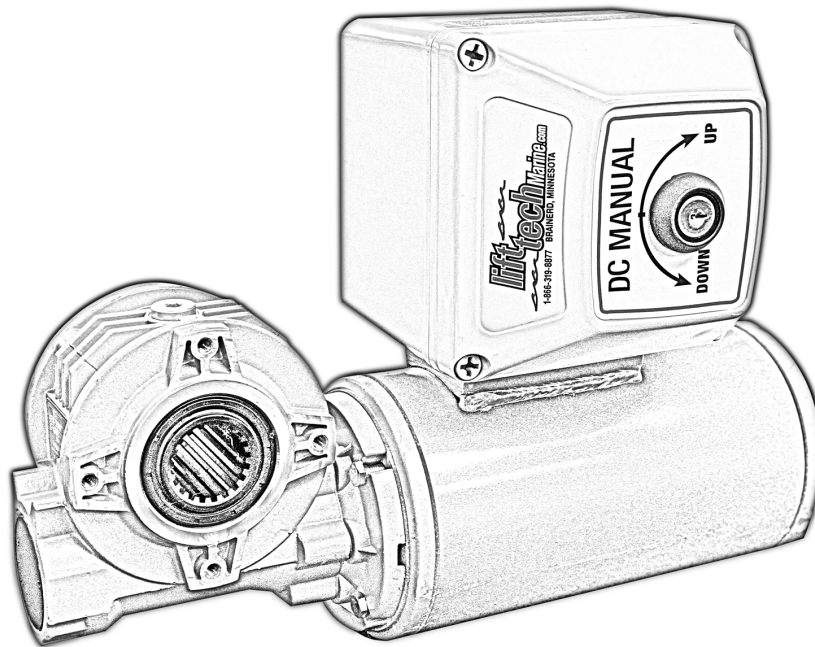


# ***DC GEN 2*** ***OWNERS MANUAL***

***lift***   
***tech*** **Marine**  
218-454-0682



**WWW.LIFTTTECHMARINE.COM**

## **Operating the DC Motor:**

When the lift is going “up” the gear head should be going clockwise. When the lift is going “down” the gear head should be going counterclockwise. If it is going the opposite direction this means your lift was let down too far and now your lift is backwound. To fix this, let the lift down, when it runs out of cable it will wind itself up correctly and start going up.

## **Installation:**

Do not install the motor upside down. The motor is designed to be mounted either vertically or horizontally depending on the brand of your lift. Installing it upside down can allow water to enter the motor and control box, resulting in damage. This will void your warranty.

## **Power Outage:**

In case of a power outage, use the provided back up bit on the end of the shaft with your drill. Visit our website to watch a video on how to use the back up bit.

## **Power Requirements:**

This DC Motor can be 12 volts or 24 volts. If running 24 volts make sure to hook your batteries up in a series. We recommend 24 or 27 series deep cycle batteries.

**Always disconnect power when lift is left unattended.**

## **Maintenance:**

Our motors are self-lubricating and do not need any maintenance. Solar Panels will evaporate water so make sure to check water levels in the battery to prevent battery damage and possible battery explosion. We recommend all solar panels use a charge regulator to prevent over charging.

## **Troubleshooting:**

Always start by unplugging the unit for 2 minutes. This will allow the circuit board to reset. Go to [liftechmarine.com](http://liftechmarine.com) for more information, troubleshooting and how to videos.

## **Pendant:**

We offer an optional 20-foot pendant that can be purchased and plugged directly into your motor. Pendant works without the key.

## **Off-Season Storage:**

We recommend our storage cover for your motor if you are going to leave it sit outside during the winter months. Our storage cover will breathe and let moisture out while you're not using your motor. **Do not cover the motor in a plastic bag over the off season—it traps condensation and voids the warranty.**

## **Hard Cover For Added Protection:**

Some boat lifts with canopies may collect rainwater in the corners especially — above the motor. If you notice this happening during rainfall, we strongly recommend installing a hard plastic motor cover. This cover helps deflect water when it eventually spills over the canopy edge, keeping it from pouring directly onto the motor. While the motor is built to withstand rain, it's not designed to handle a constant stream of water—like being under a faucet. Taking this precaution helps extend the life of your motor and maintain warranty coverage.

# Warranty Registration

\*All Warranty registrations must be filled out within 60 days of purchase along with a copy of the original receipt for the warranty to be valid.



PRODUCT PURCHASED: AC IS PLUGGED IN TO EXTENSION CORD - DC IS BATTERY POWER.

AC-PWC KIT    DC-PWC KIT    AC-WHEEL DRIVE    DC-WHEEL DRIVE

AC MANUAL    DC MANUAL    AC REMOTE    DC REMOTE

AC AUTOSTOP    DC AUTOSTOP    ALL IN ONE WINCHBOX

Serial Number located on the motor cylinder: \_\_\_\_\_

Purchase from: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Lift Tech Marine warrants our motor from defects in materials and workmanship under normal use for a period of 2 years from the date of purchase. During the warranty period, Lift Tech Marine will repair the motor if defective. The warranty does not include labor or shipping to us. The warranty is limited to the original purchaser and is not transferable. Warranty is void if the product is modified or altered.

Blue Remote controls have a 1 year warranty and do not include the batteries.

Email this form and your receipt to :  
customerservice@liffttechmarine.com

Or mail to:  
Lift Tech Marine  
7958 Hastings Road  
Baxter, MN 56425

Visit our website to explore optional accessories for your motor, including a storage cover or hard cover for added protection.

**Seeking Additional  
Protection?  
Hard Cover Option  
is Available.**

Deflects the water pouring  
off the canopy onto the  
motor.



**ONLINE  
REGISTRATION**

Scan the QR code to  
register the warranty  
online.

