

Solid State Lift Control Systems

# **E-Drive Auto-Stop Kit**

## **Installation & Operating Instructions**

Over 25 years experience in the Marine Industry

**RMC LIFT CONTROLS**

*Riding The Wave Of The Future*



## WARNING!

Read and follow all warnings and instructions in this manual to avoid personal injury or property damage.

### STEP 1.

Remove Dust Cover from end of Drive, retain cap screws.



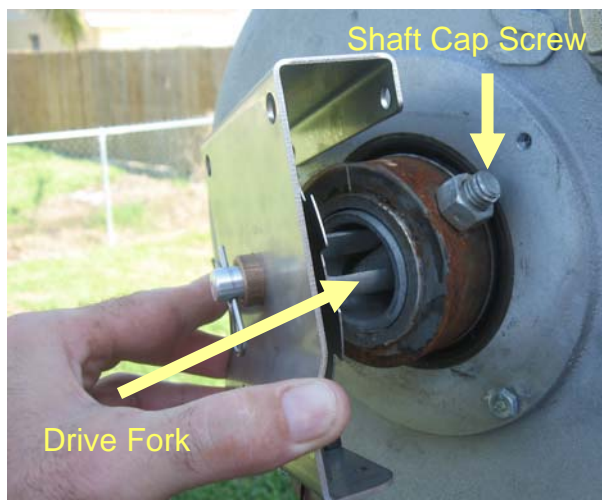
### STEP 3.

Reinstall screws removed in step one to tighten E-Drive assembly to winch drive.



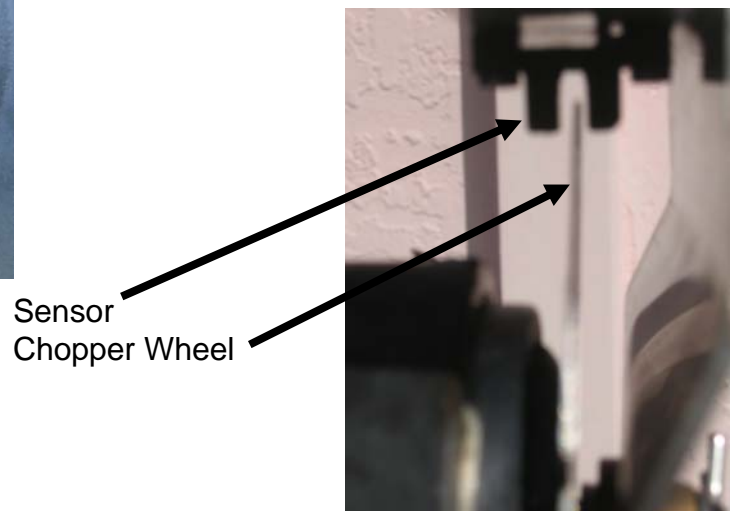
### STEP 2.

Install E-Drive Auto-Stop Assembly by engaging drive fork into drilled shaft cap screw.



### STEP 4.

Prior to connecting the wiring for the Auto-Stop, run the lift up & down in the manual mode to ensure the chopper wheel is turning freely and is running in the center of the sensor. If not make any adjustments to the alignment to achieve this condition. Once this condition has been verified proceed to step 5.



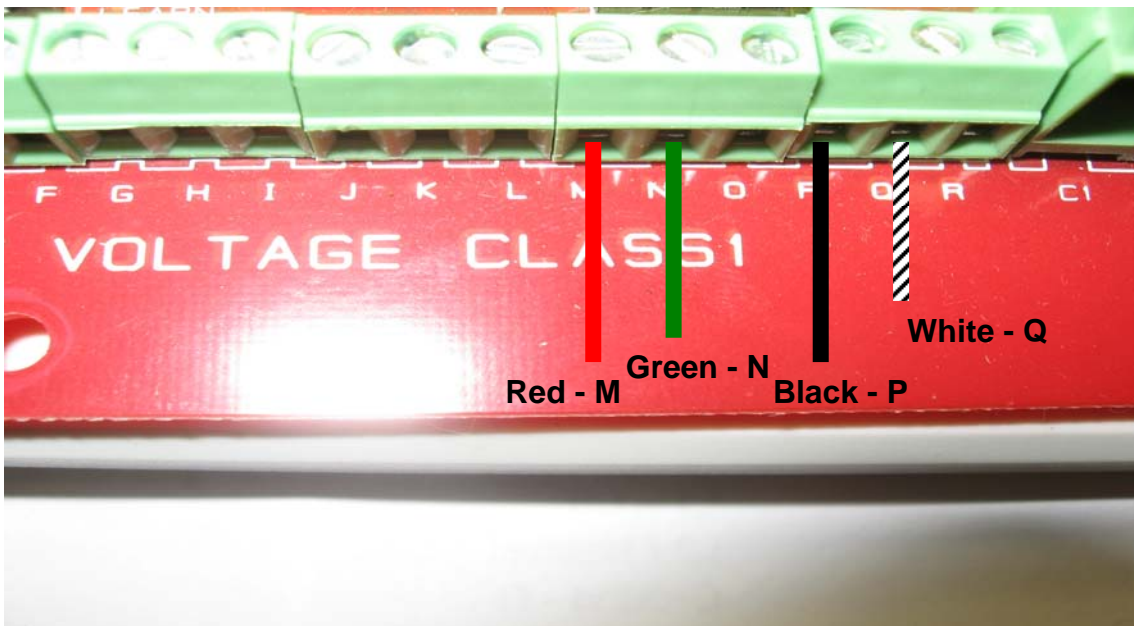
## STEP 5.

Install cable gland in small knock out in bottom of enclosure

Remove Manual jumper installed between Low Voltage Terminals J & Q



Connect sensor wires to the Low Voltage Terminals in LCU as indicated below.



## STEP 6.

- Turn off power to LCU and wait 30 seconds.
- Turn power on depress **stop** button and **hold**
- While holding the stop push the **up/down** toggle switch to the **up** position for 5 seconds. This clears the memory of the LCU.



**Note:** Anytime you need to reprogram the LCU or if you make a mistake while programming just start over by turning off the power for 30 seconds and clearing the memory.

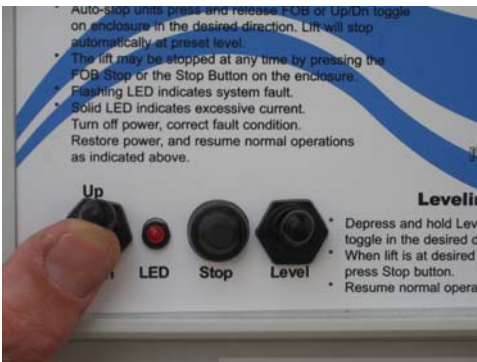
## STEP 7.

- Press the **stop** button on the KeyFob,
- The **LED** will light up, indicating your are in program mode.



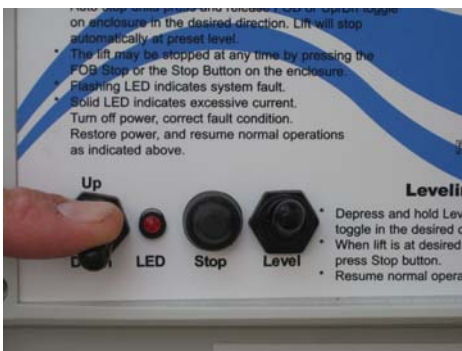
## STEP 8.

- Using the manual **up** toggle run the lift to the desired up stop position. (Usually this is the maximum desired storage height)
- As soon as the up toggle is activated the LED will go out.
- When the desired position is reached press the **up** button on the **Key-Fob**, this will lock in the position for up
- The **LED** will light up again.



## STEP 9.

- Using the manual **down** toggle run the lift to the desired lower stop position. (Usually this is the lowest level required to float the vessel at a low tide condition)
- As soon as the **down** toggle is activated the LED will go out.
- When the desired position is reached press the **down** button on the **Key-Fob**, this will lock in the position for down.



## Operation:

- Once the lift is programmed it will run without stopping between the programmed up & down limit positions.
- The lift can be stopped at any position between the stops with the use of the stop button of the KeyFob or the enclosure.
- Starting the lift from any position will result in the lift running to the programmed position in the direction selected.

If technical assistance is required  
please call 239-289-4150 or email  
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