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Cuda Fury 1150 Lithium-Ion X Scooter Battery Instructions

These instructions are for the DeepSeaSupply Rechargeable Lithium Ion replacement battery for use with Dive Xtras Cuda Fury model Diver Propulsion Vehicle. These instructions are not applicable to any other battery, or to any other device.

These instructions include and make specific reference to three additional documents; **“Cuda Fury 1150 Lithium-Ion X Scooter Battery Disclosure Sheet”**, **“Cuda Fury 1150 Lithium-Ion X Scooter Specification Sheet”** and **“DeepSeaSupply MkIII Lithium-Ion Battery Charger Instructions”**. If you need these additional documents contact DeepSeaSupply. All cautions and warnings apply. Refer to your DPV manual as required.

This Lithium-Ion Battery is intended to be used as a single unit. Do not use with any other battery. Do not “Daisy chain” with any other battery.

Adjust trim weighting as necessary. Place trim weights so they do not interfere with the battery.

Verify all o-ring sealing surfaces are in good condition and lubricated. Stand scooter Hull on its nose with the motor and prop removed. Click the black plastic snap ring together. Grasp the battery by the webbing loop and lower into the scooter hull. Press down until fully seated. Unclick the snap ring and verify the snap ring engages the groove in the scooter hull fully. It may be necessary to pull the battery up slightly to engage the snap ring.

Failure to install correctly and to verify the snap ring is engaged may result in the battery moving during use. This can damage the battery, motor, wiring, and make the scooter very difficult to control.

Next, connect the battery leads to the motor leads. Your scooter is now ready to be closed as per the scooter manufacturer’s recommendations. For travel, leave the battery disconnected and connect immediately prior to use.

After use, wipe down excess water from the scooter hull, open the hull, and disconnect battery. If you observe any water in the interior of the scooter, carefully drain, wipe etc. prior to removing the battery. Click the ends of the snap ring together, and pull on webbing loop. Check to see if there is any water in the battery compartment. If you find any water in the scooter determine the source and correct before returning to scooter to service. Make sure the battery stays dry and cool.

Always remove the battery from the hull for charging. See **DeepSeaSupply MkIII Lithium-Ion Battery Charger Instructions** for detailed charging instructions.

For best battery life: Store the battery at approximately 30-40 % charge and in a cool place. Protect from freezing. These batteries have a fairly low self discharge rate, but recharging shortly prior to use assures maximum capacity. Avoid deep cycling the battery. This battery contains a low voltage cutoff, but it is not necessary to discharge to this point prior to recharging. Discharge no more deeply than necessary. Burn testing or capacity testing should be avoided if possible. Burn testing is, by definition, a deep cycle. In no case should discharge rates exceed 25 amps.

A replaceable fuse is present under the white plastic skirt of the battery. This fuse can be accessed by removing the bottom battery bulkhead. Replace only with 30 amp fuses. Use care when removing bottom bulkhead and sleeve.

Dispose of unserviceable batteries per local requirements.