

# **DIVERTUG**

*DiveHasNoLimits*



OPERATING INSTRUCTIONS  
MAINTENANCE USER LEVEL

CE | **MODELO SPORT / TEK**



## WELCOME TO DIVER TUG

Thank you for purchasing our technical diving scooter, *SPORT/TEK*

In this manual you will find information about the correct use and maintenance of your scooter and the two year warranty of the *SPORT/TEK*.



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## 1. GENERAL RULES OF SAFETY AND PREVENTION

Pay special attention to the risk signals of this manual. They are 3 levels of symbols for danger:



This sign warns that, if the described operations are not realized correctly, the user can be subjected to risks that might provoke health problems, serious injuries or even death.



This sign warns that, if the described operations are not realized correctly the user is subjected to risks of harm or injury.



This sign warns that, if the described operations are not realized correctly, the vehicle can sustain damage.

**Read the instructions of this manual carefully before operating the vehicle.**

## 2. INTRODUCTION

This manual contains the instructions for the use and maintenance of the submarine scooter **SPORT / TEK**. It is mandatory to read this manual before using the scooter.

The indications of this manual allow a safe operation of the scooter, at the same time they indicate the recommendations for proper maintenance of the equipment.

The manufacturer is not responsible for the damages caused by negligence or the non-compliance of these instructions.

If after consulting this manual you have any questions, please contact the manufacturer at the following email address [divertug@divertug.com](mailto:divertug@divertug.com)

Because our policy is under constant improvement **Divertug S.L.** reserves the right to introduce changes without prior notification in products or technical specifications.

### IMPORTANT NOTE!

Diving with the help of the scooter requires previous formation, its use must be limited to users certified in scooter operation.

- Never consider the **SPORT/TEK** as a help in dangerous situations.
- Always remember that you can only count on yourself.



### 3. SAFETY (I)

This equipment can only be used by divers who have the corresponding certification accredited by competent international bodies. The manufacturer will not be responsible for the use and/or abuse of the equipment by staff not trained for the diving activity, it is advisable to receive an adequate course for the in the use of scooter devices.

Remember at all times that this equipment is made for horizontal diving.

Never use it to ascent or descent in depth to prevent pressure change injuries.

**The acquired speed with this scooter can result in rapid pressure changes, this can lead to serious traumas and the risk of death.**

Be cautious at all times during operation, apply the basic and fundamental laws of safety and prevention of accidents during the dive.

Ensure at all times that the helix is free of obstacles and impediments before putting it in motion.

If any object is found inside the nozzle and is imprisoned between it and the helix when set in motion, it can cause serious product failures, like damage to the axle of the helix and loss of water tightness.

**Be careful with the placement of your hands, never put anything near the helix while the engine is running.**

If you are not going to use the scooter for a long period of time during a dive, disconnect the unit to avoid accidental operation.

## 3. SAFETY(II)

Carefully read chapter 4. **BATTERY.**

Be very careful when closing your unit. Inspect with attention the support and seal of the O-ring, eliminating any dirt and verifying that it is in a perfect state. Add a substantial quantity of Vaseline to the O-ring, little anomalies can result in the loss of water tightness with severe consequences.

In case of flooding remove the liquid from inside as soon as possible, keeping the unit open to favor the facilitate drying.

Keep in mind that during dives in a very cold environment for a prolonged time, humidity can condensate inside the equipment.

Exceeding the depth specified in the technical sheet can cause deformation of parts of the equipment due to the pressure and provoke accidents.

For any question contact with the distributor before using the equipment .

WEB: [www.divertug.es](http://www.divertug.es)

EMAIL: [divertug@divertug.com](mailto:divertug@divertug.com)



## **4. USE & CONSERVATION OF THE BATTERY (I)**

This chapter provides information about the scooter battery, how to recharge it and instructions for the user on the precautions that must be taken when manipulating the battery.

The manufacturer of the equipment does not make the batteries. Nevertheless the supplies are chosen taking care the maximum security and quality existing on the market.

Because there's always a possibility of residual explosion associated with the battery, follow these guidelines to minimize risks by following industry recommendations:

### Guidelines for the safe charge of the battery (general rules)

NOTE: The manual of the manufacturer of the battery is included in the interior of the packaging with the scooter.

Read the instructions that are detailed here after.

The battery must only charged using the provided charger, do no use another charger.

Charge the battery in a well ventilated area, far from inflammable objects or liquids and away from crowded rooms or living quarters.

Always have a specialized fire-extinguisher suitable for lithium batteries fire on hand.

Don't start charge the battery if you feel that it is warm. Wait for it to cool and regain its normal temperature. This will allow a better charge and extend the batteries lifetime.



## **4. USE & CONSERVATION OF THE BATTERY (II)**

Do not use the charger to charge other batteries than the scooter's.

Do not use the battery for a different purpose than operating the equipment.

The battery must be maintained out the scooter and it's only inserted and connected to the engine immediately before using: It must be disconnected and retreated immediately after using.

To charge the battery, first connect the charger to the battery and subsequently the charger to the power network. **NEVER CONNECT THE CHARGER FIRST TO THE ELECTRICAL MAINS!**

NEVER leave the battery connected to the equipment if it is not in use.

Charge the battery at least once each 2 months, to its total capacity.

Charge the battery before each use.

When the charger is not in use, disconnect it from the electricity outlet.

Even when not in use, a battery completely charged loses efficiency slowly because of the automatic discharge.

Extreme temperatures can affect the capacity of the charge of the battery.

If you leave the battery in warm or cold climates, for example, a closed vehicle in summer or outdoors during winter it will reduce the capacity and lifetime of the battery. Always try to maintain the batteries in a temperature range between 15 ° C and 25 ° C. The performance of the battery is significantly reduced in temperatures below 0 ° C.

Never throw in a fire, they are explosive!

## 4. USE & CONSERVATION OF THE BATTERY (III)

Never use damaged batteries or chargers. If they present signs of abuse or damage do not connect to the device.

The chargers and batteries must be maintained in a dry location (humidity ranging between 65%-5%) and temperatures between 5 ° C and 25 ° C. Keep the electric connectors far from metallic objects that can provoke short-circuits between the battery poles, this is a serious fire risk possibly resulting in damages to properties and persons.

Do not wet the electric contacts.

When discarding the batteries observe your local laws.

Do not dispose of the batteries with domestic garbage.

Ideal conditions to charge the batteries are temperatures between 10 ° C to 35 ° C (ideally 20 ° C)

We recommend the use of the batteries at temperatures between 5 ° C and 35 ° C.

Remember to always cut the power of the engine with the switch, once you have stopped using the equipment. Even if the engine is not working not doing so consumes a little quantity of energy that, in the long run, will exhaust the battery.

For security reasons the battery and its charger have a connector **with certified IP68 protection**, making it impossible to invert the poles when connecting, these connectors are previously tested at the factory, modifying these connectors in any way will void your warranty.

## 4. USE & CONSERVATION OF THE BATTERY (IV)

If the poles are inverted, the equipment can turn in reverse, resulting in damage and an overheating of the equipment.

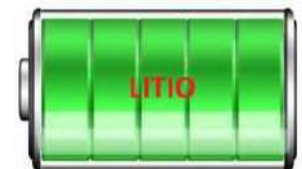
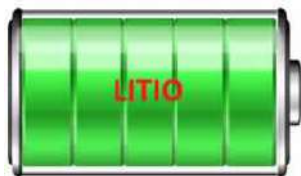
The number of cycles of charge indicated by the manufacturer following all the recommendations described previously (ideal conditions of use) will be of 250 cycles at 100% and another 250 cycles at more than 80%. Not following these recommendations will reduce the number of cycles.

The battery disposes of an electric circuit of security that regulates the operations of charge/discharge of the pile.

The charger shows a red LED while charging, that turns green once the battery is fully charged. Don't leave the battery connected to the charger once charged.

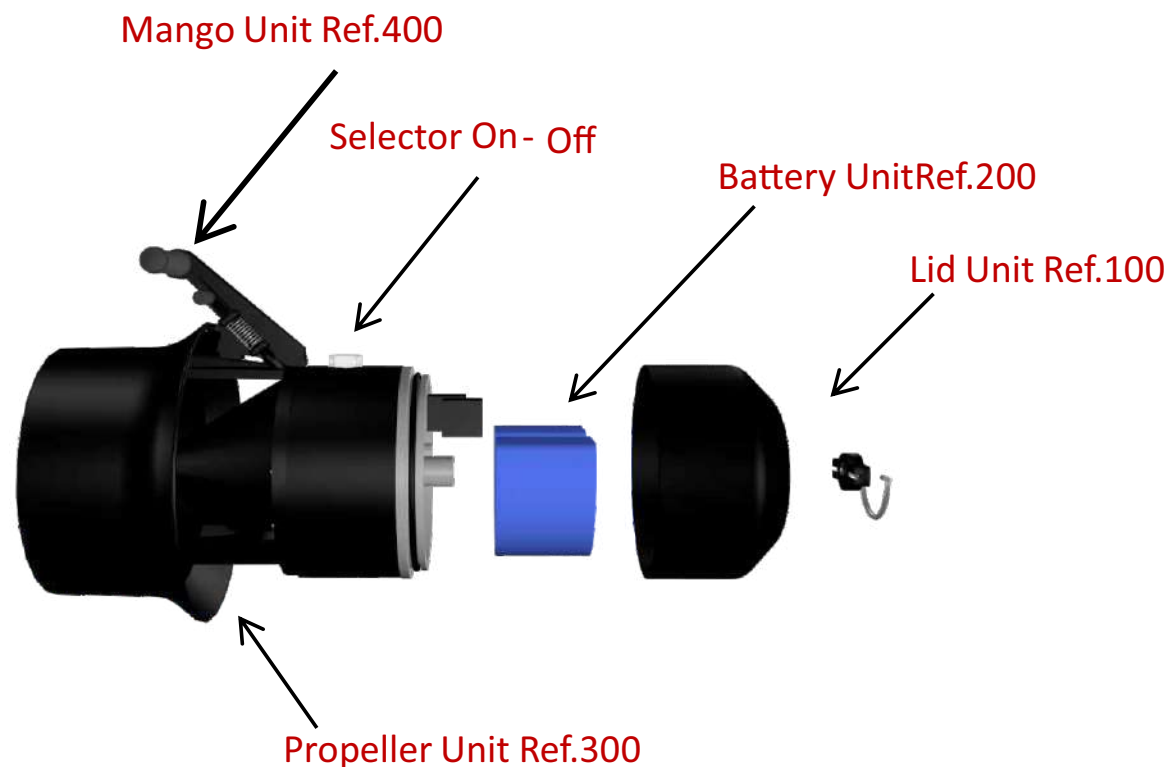
In the discharge of the battery, when it goes below the minimum charge, the equipment cuts the current to protect the pile from an over-discharge. The operation switch will switch from a green indicator to red.

It is important that you plan your dive accordingly to avoid these type of incidents.



## 5. DT/COMPONENTS (I)

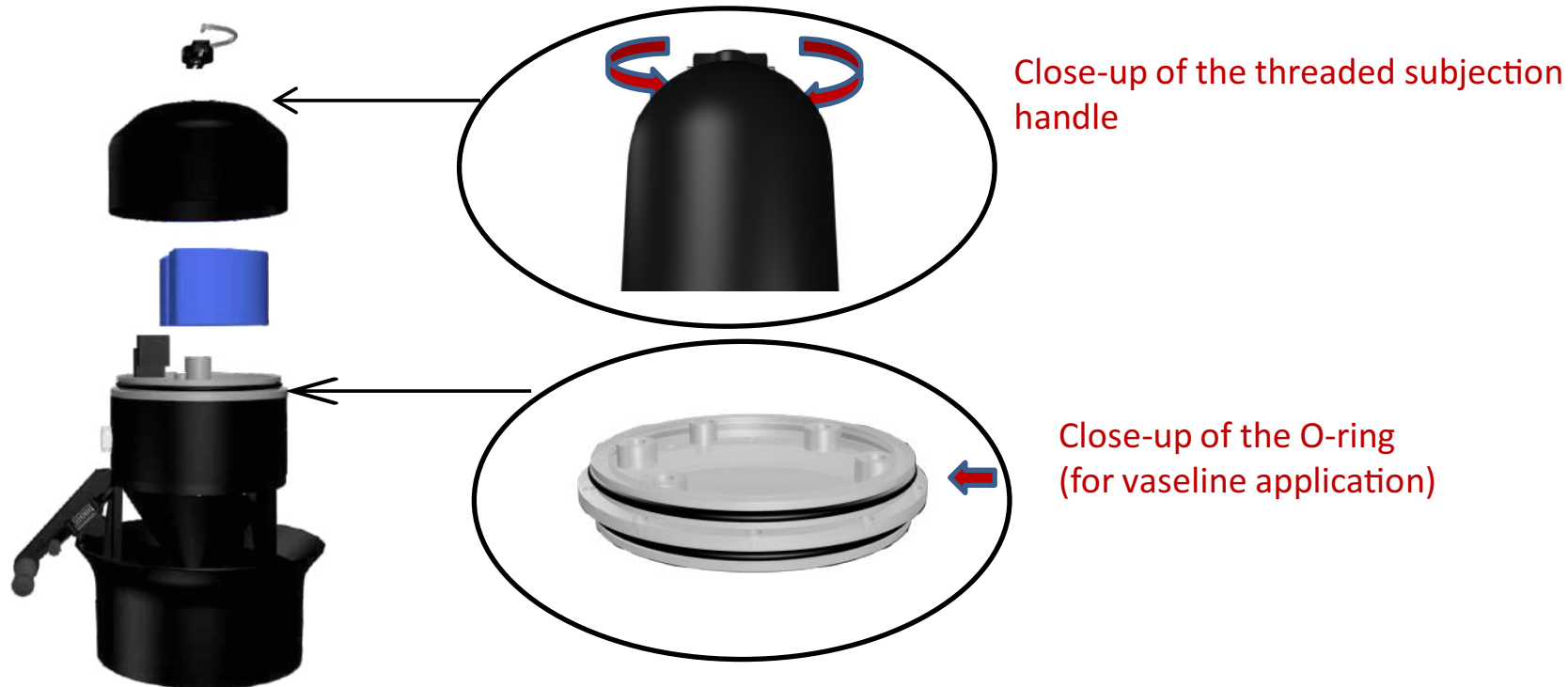
Components	Ref. Divertug
Lid Unit	100
Battery Unit	200
Propeller Unit	300
Mango Unit	400



The mentioned units are considered as supplies by the manufacturer, they can only be provided by the manufacturer or distributor. The fabrication or installation of any element that does not originate from the manufacturer, as well as the dismantling of any of the units, will immediately entail the loss of warranty and responsibility of the manufacturer.

Only dismantle units as defined by the manufacturer. In case of incident, contact with the manufacturer or distributor as soon as possible for further instructions.

## 5.1 LID UNIT REF.100



The aerodynamic framework protects the battery, it is detachable to allow access to insert, remove and charge of the battery. This framework must be assembled with caution for the propeller unit. Apply Vaseline to the O-RING before mounting to the base. Insert the lid unit smoothly and as vertically as possible, to facilitate mounting and dismounting, due to the threaded attachment.

This housing must be perfectly aligned and assembled before tightening the screw.

Do not over tighten to avoid deforming the frame.

## CLOSING -CASING OF THE BATTERY

**With the equipment supported on the propeller vertically** and with a good vision of the top part of the equipment, insert the protection hood of the battery, avoiding a possible touch between the edge of the hood and the subordination of the battery.

Remember that the hood and body of your vehicle are of plastic. Avoid possible injuries and scratches. See **image 5**.

After placement, close the hood with the help of the handle (**Image 6**), until the hood is sealed and contact is made with the transparent piece where the O-ring is located, once the lid is well sealed do not apply extraneous pressure, an excessive pressure can deform the subjection pieces. See **image 7**.



**Image 5**



**Image 6**

Closing detail



**Image 7**

- Maintain clean hands and working surface where the unit will be closed.
- Remember that all the elements bathed in lubricant can get dirty easily, preventing a hermetic closing.
- Be careful not to force the cables of connection of the battery or the connectors when placing the hood.

## 5.2 CHARGING OF THE BATTERY TUTORIAL

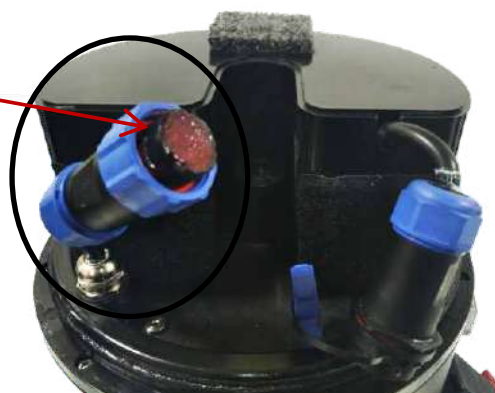
### INTRODUCTION- IMPORTANT ADVICE

The method that is described is used to charge with a direct connection between the BATTERY-CHARGER-ELECTRICAL NETWORK. Take into account the general rules of security and protection before its use.

#### 1º. PLACEMENT AND ORDER OF CONNECTION OF THE BATTERY

Place the battery with the connection upwards as you observe in the **image 1**. It is possible to realize the charge without extracting the battery out of the scooter.

Grease in the connector



**Image 1**

Always ensure that the cable is NOT connected to the electric network. **VERY IMPORTANT!!**

A.- Plug the cable of the charger to the battery (Unique position of assembly. Always without forcing and with Vaseline distributed by the manufacturer **Divertug S.L.**

B.- Plug the charger to the electric network. The LED will indicate the state of the charge of the battery. Fixed red means in charge, fixed green means charge completed.



## BATTERY CONECTION – SCOOTER

Read and understand well this section as it can be one of the most critical for your safety and the good functioning of the scooter.

-First of all, ensure that the connection cable of the battery is not squeezed by the superior ballast.

-When you are going to connect the battery with the scooter assure yourself that the **general interrupter switch is on the OFF position**, See **image 2** , otherwise when connecting it can generate a spark with possibly generating faults.

-When you realize the connection or disconnection of the battery, **NEVER FORCE THE CONNECTOR OF THE BATTERY**, it could result in a short-circuit with serious consequences. **Images 3 and 4.**

Exit cable  
connexion



Image 2



Image 3



Image 4

**NEVER FORCE THE MARKED PARTS IN RED IN THE IMAGES 3-4. BATTERY CONNECTOR**



## CONNECTION OF THE BATTERY WITH EXTERNAL CHARGER

Without having to access the battery, we will remove the plug that we see in image 1 manually, without the need for tools. Place in a clean area to avoid remaining dirt on the seal.

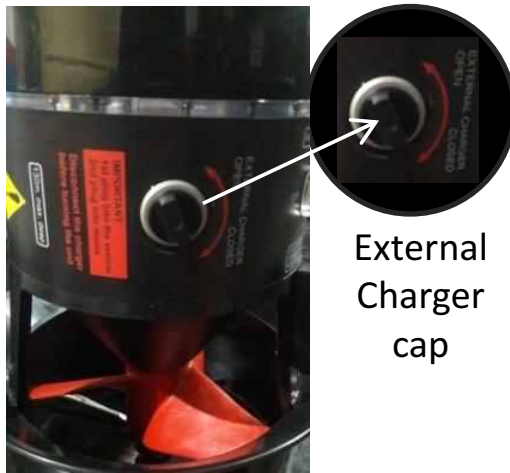


Image 1



Image 2

Then make sure that the charger is **NOT** connected to the mains and the equipment is in the off position (switch in the **OFF** position) and completely dry in the connection area. **VERY IMPORTANT!!**

A.- Connect the adaptation to the charger and then to the input of the external battery charger. **Image 2**

B.- Plug the charger into the mains. The led will indicate the battery charge status. Fixed red in charge, fixed green or intermittent charge completed.

C.- Once the desired charge has been made, switch off the charger for the mains connection, disconnect the adapter from the external charger, check the condition of the O-Ring, apply a vaseline recommended by the manufacturer if necessary and close the cap manually, without any need to use tools, with special care at the beginning of the thread to avoid damaging it.

## !!ATTENTION!!

Never turn on the equipment while the battery is charging, this can seriously damage Battery.

You never forget to put the cap on after charge the battery with the external charger (in case of DT TEK )



### CHARGER BATTERY AND INDICATORS

The charger disposes of two diodes:

One indicates that it is functioning and the other that it is supplying electrical current or not to the circuit of charge.

- The red pilot indicates battery in load.

- The red pilot changes to green indicating the charge is completed.

The load time of a battery completely discharged can last 10 hours approximately depending on the state of the battery, this charge can be much shorter for batteries not fully discharged.

### END OF CHARGE. DISCONNEXION FROM THE ELECTRICAL NETWORK

Once the charge of the battery is finished, we will proceed to disconnect in the following order:

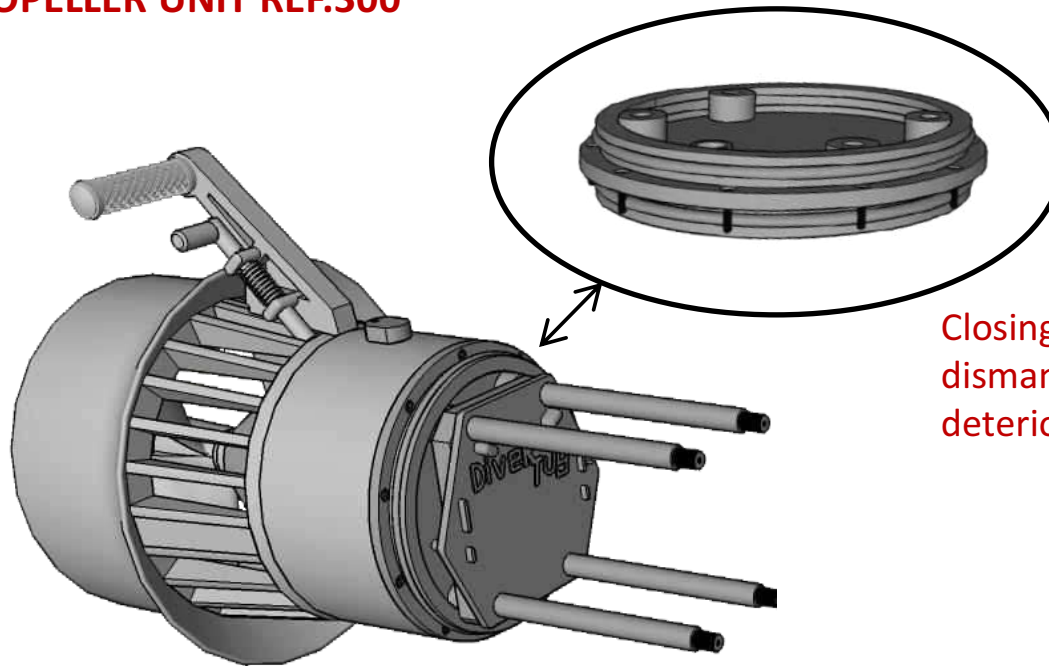
- FIRST disconnect the charger of the electrical network.

- SECOND disconnect the charger of the battery.

Remember that you are using a battery of 24 volts and 22 amperes, it has enough power to produce personal injuries or serious faults if it is not handled carefully and following the steps indicated in this method.



### 5.3 PROPELLER UNIT REF.300

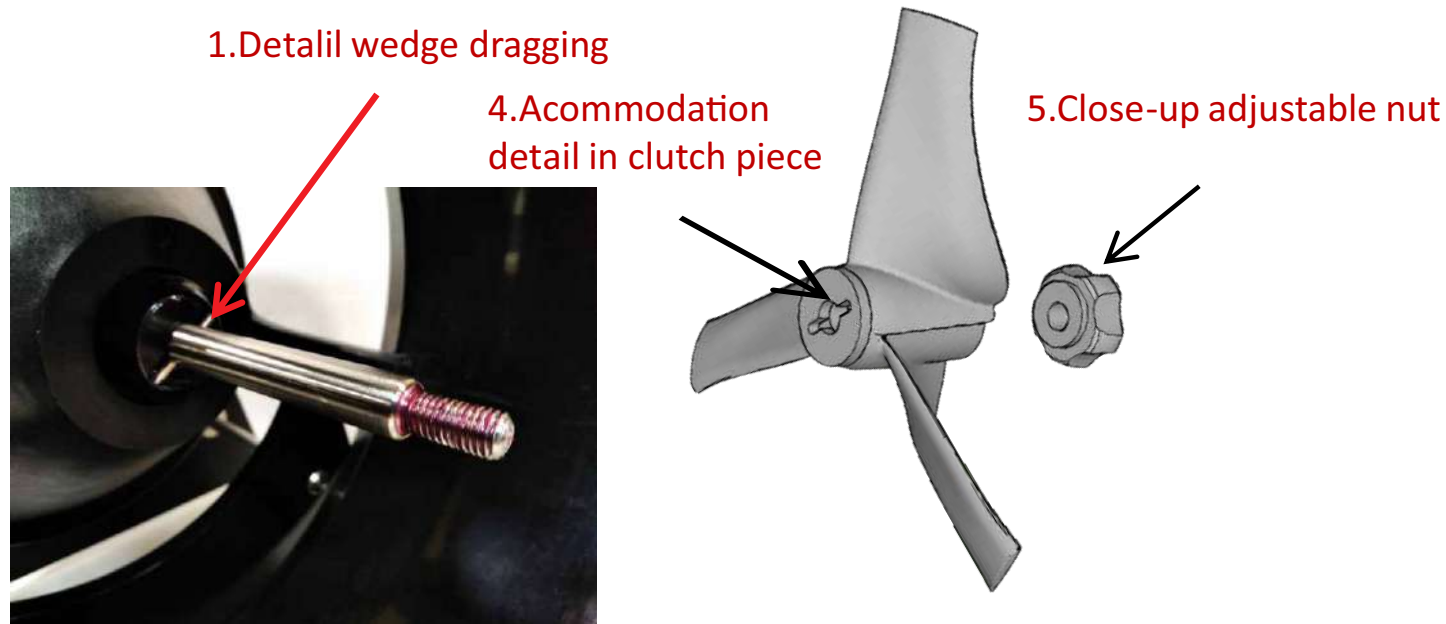


Closing lid, engine compartment (never dismantle) apply Vaseline if you observe deterioration

The propeller unit is a set that is supplied as is, only the distributor or the manufacturer are authorised to verify any incident inside the unit. If any manipulation is observed, it will immediately result in the loss of the warranty and responsibility of the manufacturer.

Only the helix can be dismantled following the instructions described in section **5.3.1 Dismantling-Helix Assembly**. Please read them carefully.

### 5.3.1 Dismantling-Helix Assembly



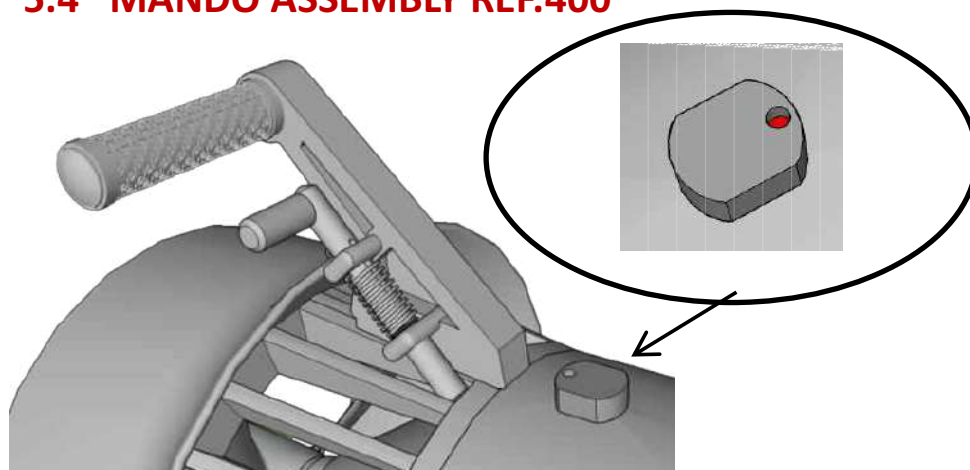
Following the steps in the diagram, the assembly / dismantling, the helix has a clutch system made to ensure proper grip and avoid entrapment.

The adjustment of this clutch is mounted at the factory, the user must only tighten the adjustable nut to secure the helix to the wedge dragging.

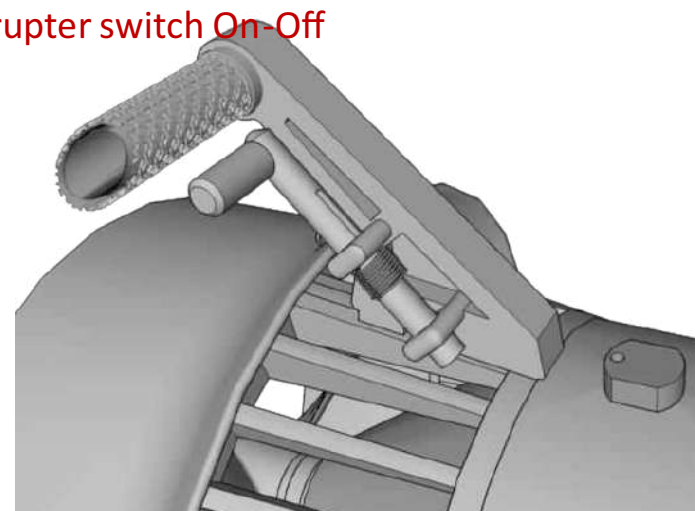
To adjust the helix the equipment must be disconnected.

## 5.4 MANDO ASSEMBLY REF.400

Interrupter switch On-Off



Clutch at rest



Clutch engaged

The control of the scooter using the clutch is one of the principal elements of operation, it allows to engage and disengage the scooter as well as regulate the speed.

First, once submerged, we will activate the principal interrupter to the ON mode; later, by means of the clutch, we will be able to start-up the engine. This engine is designed so that the clutch can be used with only one finger. With the possibility lock it. **See annex VII.**

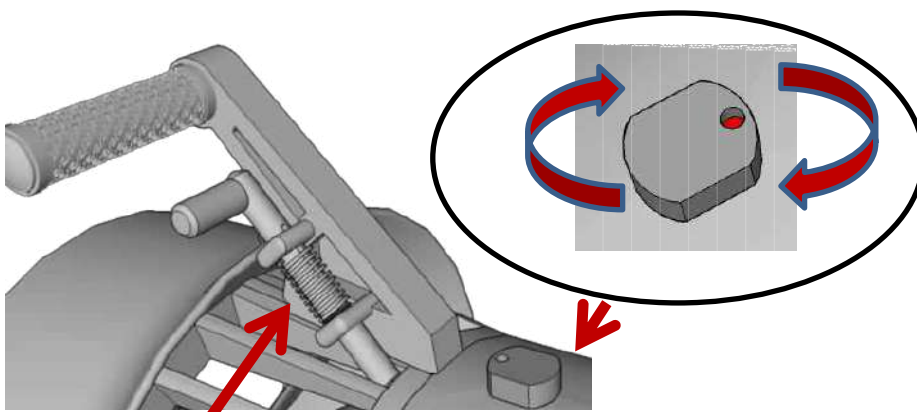
With a reverse and keeping in the activation position, the speed will be 60% at start

With a fast reverse and leaving the activation position the speed increases to 100%. (SPORT, TEK )

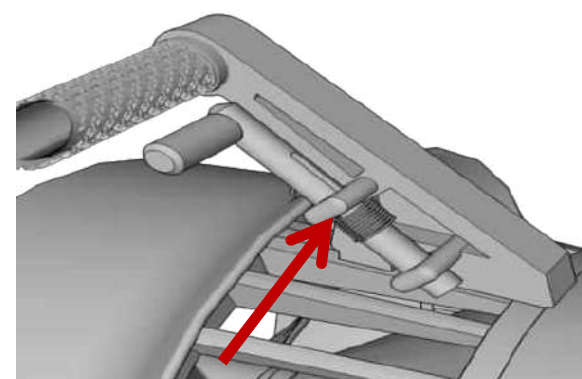
If you release the trigger in the rest position, the speed will be 0

## 5.4.1 ON - OFF SWITCH OPERATION

The switch is operated by a turning motion and acts as a luminous indicator.



Clutch at rest, extended wharf



Clutch activated, compressed wharf

The switch interrupter turns 360°, being divided in 2 on and 2 off positions.

When you turn the interrupter from Off to On it will illuminate an LED that will indicate the level of charge of the battery.

The switch holds a luminous indicator that communicates different states of the battery / scooter:

*Green-* battery 100 to 60%

*Orange-* battery 60 to 30%

*Red-* battery 30 to 5%

*Green/Red indicator* Battery 5 to 0%

*Blue-* Flood alarm. (Disconnect the equipment immediately to safeguard elements like the motor, battery, electronic plate; do not restart until the incident is corrected) . take contact with the distributor or manufacturer as soon as possible. .

*Red indicator-* Indicates overheating of the engine by exceeding the time at maximum speed; the light switches off when the temperature goes down.



## 5.4.2 AUTOMATIC MODE FOR SPEED REGULATIONS

### 1º. ENGAGING THE AUTOMATIC SPEED CONTROLLER

By following the instructions in section **5.1 CONTROL ASSEMBLY**, we have the possibility to pilot the scooter without keeping the speed clutch engaged.

See the sequence in **images 1 and 2**. Pull back the trigger all the way until the end (**Image 1**) and then make a slight rotation downwards (**Image 2**). The speed trigger will stay engaged. To return to the normal apply rotate upwards inverting the sequence.



Image 1



Image 2

### IMPORTANT ADVICE!

Using the AUTOMATIC SPEED feature is under responsibility of the user, this system can provoke accidents with serious consequences.

You must know that in case of release of the scooter or having a collision, it will not stop running.





### 5.4.3 OPERATION WITH OR WITHOUT THE AUTOMATIC MODE

The trigger has two positions: position 1 to use the mode automatic and position 2 for disable automatic mode. The screw is removed, it is changed to the position you want and put it back.



### 5.4.4 TUTORIAL FOLDABLE HANDLE/AUTO PILOT

The handle has the possibility of being foldable for transport mode and in functional position for the use of the scooter in the water. In the images we can check the two positions, which must be fixed with the fixing screw tight in both cases.



Transport position



Driving position

- Transport position control:** By loosening the screw slightly and moving the left handle laterally, we can lower it so that the equipment occupies less volume.
- Functional position control:** Make a strong tightening of the nut manually, to avoid slack in the control.



## **6. TECHNICAL CHARACTERISTICS (I)- SPORT**

**Dimensions: 450 X 300 X 400 mm**

**Weight: 10 Kg**

**Maximum operative depth: 130meters**

**Autonomy at 100%: 60 minutes.**

**Autonomy medium speed :120 minutes**

**Type of battery: Lithium**

**Type of engine: Brushed**

**System of acceleration 2 speeds**

**Helix with safety clutch**

**Integral body of plastic**

**Ergonomic transport system**



\* Due to our policy of constants improvements Divertug S.L. saves the right to introduce changes without previous notice, in products or technical specifications.

## **6. TECHNICAL CHARACTERISTICS - TEK 12**

**Dimensions: 450 X 300 X 400 mm**

**Weight: 10 Kg**

**Maximum operative depth: 130meters**

**Autonomy at 100%: 60 minutes.**

**Autonomy medium speed :120 minutes**

**Type of battery: Lithium**

**Type of engine: Brushed**

**System of acceleration 2 speeds**

**Helix with safety clutch**

**Integral body of plastic**

**Ergonomic transport system**



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## 6. TECHNICAL CHARACTERISTICS - TEK 24

Dimensions: 490 X 310 X 400 mm

Weight: 12,6450Kg

Maximum operative depth: 130meters

Autonomy at 100%: 110 minutes.

Autonomy medium speed :205 minutes

Type of battery: Lithium

Type of engine: Brushed

System of acceleration 2 speeds

Helix with safety clutch

Integral body of plastic

Ergonomic transport system



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### 7. BEFORE USING

Once acquired **SPORT/TEK** and before using it, follow the steps that are indicated:

- 1º) Mount the complete body to check for water tightness.
- 2º) Immerse during 10/15 minutes the scooter in an appropriate container of sweet water without connecting the battery.
- 3º) Dismantle and check that the battery compartment is dry.

**ATTENTION:** In case of failure, verify the seats of the O-rings for water tightness. If the failure persists, contact with the distributor or the manufacturer.

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EMAIL: [divertug@divertug.com](mailto:divertug@divertug.com)

### 8. MANAGEMENT OF THE EQUIPMENT (I)

**WARNING:** Before initiating your activity, consult the legislation of your area of diving with respect to this type of equipment. Especially in hunting parks and natural reserves. Remember to always dive respecting the environment.

-The vehicle must be disconnected at all times. It will be only connected when it is already hooked to the harness and with the equipment completely prepared. You must observe that there are no obstructions near the helix and maintain a security distance from 30 to 35 cm.

Be always careful when manipulating the helix and protect your hands.



## **8. MANAGEMENT OF THE EQUIPMENT (II)**

When you start motion, your body must be located as parallel as possible to the direction of movement, with the scooter placed under you and in parallel, in order that the outflow of the helix also stays below your body.

The harness must be placed such that it permits being in control of the scooter with the arm completely extended, your arm must be at rest. Therefore, the end of the harness will remain tense and will pull on your belt; the ideal of harness is your stomach or under abdomen. at low speeds, you mustn't have to realize effort to maintain your speed and course.





### 8. MANAGEMENT OF THE EQUIPMENT (III)

-In navigation, if you pull the handlebars towards yourself, it will raise the nose of the scooter and will begin an ascent. If you push it down, away from you, it will start going down; the speed of this maneuver will be directly proportional the force you apply. Sharp movements will produce sinuous courses.

-To change the direction, turn the scooter around the horizontal axis. Done properly this will allow you to turn in either direction without any vertical movement.

-Do not force the machine in a full speed during your immersion, it can overheat the engine.

#### **REMEMBER:**

Always look in the direction of movement and check your visibility to avoid collisions and possible injuries to self or others.

The use of the scooter close to the ground can provoke raising sediment and/or sand that will reduce the visibility of the persons behind you, also it can perturb the marine life. Try to maintain yourself at a safe distance from the sea bed.

Beware of depth changes, the acquired speeds with this tug can make result in extreme pressure changes, possibly leading to serious traumas and the risk of death.



### 9. CLEANING AND CONSERVATION OF THE EQUIPMENT (I)

#### a) CLEANING

-After the dive, rinse the scooter as soon as possible, dipping it in a tank of sweet water and having it a few minutes functioning in a low speed until it gets totally free of salt content and adhered particles. Another option is to rinse it with sweet water, emphasizing the mobile zones and more delicacy (command, helix, clutch, etc.).

-Check that the inside is dried, previously unscrew the nut with help of the handle attachment. By having opened the lid, a hiss can sound due the difference of pressure that is generated by the interior temperature, if the scooter has worked a long time at maximum yield.

- Grease the safety clutch with neutral Vaseline. Add a bit of Vaseline in the Motor shaft.

Image for the cleaning and conservation



## INTRODUCTION- IMPORTANT WARNING

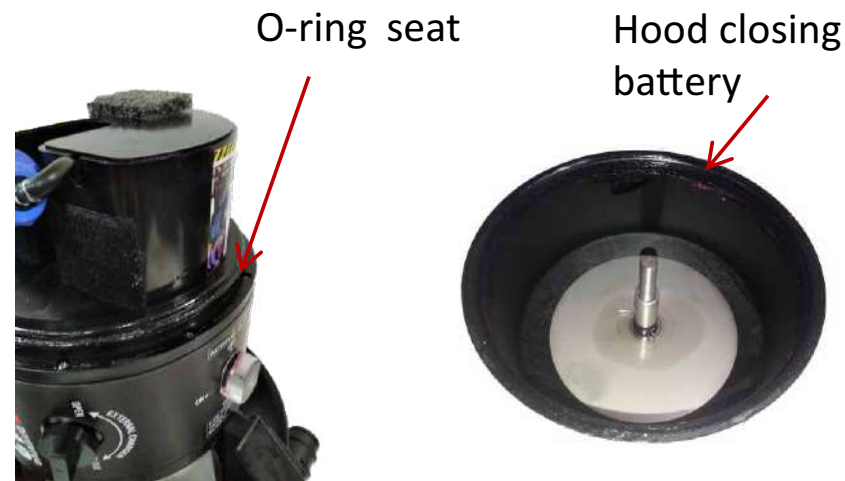
**The correct seal of the unit supposes the best guarantee to avoid flooding.**

### 1º. TESTING AND CLEANING

#### O-RING AND SEATINGS

Extract the O-ring of its seat and clean up any residues (grains of sand, hairs, etc). The O-ring seat (interior hood closing battery and hood insertion zone).

Verify the state and that there aren't any faults: dents, scratches, possible anomalies etc, that impede a correct seal between the O-ring, and the hood of closing battery.



**Image 1**

## 9. CLEANING AND CONSERVATION OF THE EQUIPMENT (II)

### b) STORAGE AND CONSERVATION

- If you want to store for more than three months, you must do it in a dry and well aired space between 15°C and 25°C. Also, you must realize at least one charge and discharge every six months, and store again well charged.
- For the transport or shipment, do it always with the scooter lid closed, to avoid internal damage.
- The handle is used to help you transport, helping with the propeller group your movements, never hang the equipment or force in the closing of the groups.



## **9. CLEANING AND CONSERVATION OF THE EQUIPMENT (III)**

Never manipulate the interior of the battery nor modify the configuration under in any way.

The body of the scooter can be lied down on its side. It is indispensable to close the unit to protect from water damage, take care to not over tight the lid as it can result in damages to the seal when stored from a long period of time.

Store in a fresh and dark place.

Be careful since the accidental contact with metallic objects of the connectors can lead to short circuits.

Store the scooter covered, to keep it from dust.

Do not store other objects on top of the scooter, they can damage or cause malfunctions or even cause deformations to the scooter.

Remember to disconnect the equipment always when not in use, and never activate the motor outside from the water, it damage the scooter.

# 10. MAINTENANCE

## a) ROUTINE MAINTENANCE

- Open the protection lid where the battery is lodged and clean the framework with a soft cloth without using solvents or alcohol
- Lubricate the joints with Vaseline, checking that it is in a correct position.
- Never lubricate the electrical contacts unless with specific products

## b) COMPULSORY MAINTENANCE (Must be done by an authorized service centre)

- Change the lid unit for water tightness. The O-rings must be replaced every 100 hours of use or every 12 months.

This change must be made in an authorized center since any mark in the assent of the gasket can cause loss of tightness and therefore it would be considered a bad handling

- After having realized the assembly of the group verify again for water tightness.

## 11. POSSIBLE INCIDENTS AND SOLUTIONS (I)

### FAILURES OF THE SCOOTER

The scooter **SPORT / TEK** is extremely reliable, but the diver must be always prepared to face possible failures.

#### a) The scooter doesn't turn on

Assure that you have placed the interrupter in ON position, note the LED that indicates the battery level.

If the fault persists follow these mentioned steps:

- Stop the dive and once out of the water with the equipment dry, verify that the battery is connected.

- If the problem continues verify the charge of the battery.

(We always recommend that before the dive, verify that the equipment is in working order, without engaging the motor. With this we assure that the battery is well connected and the battery is fully charged.

#### b) The helix doesn't turn

If the helix does not turn and the luminous switch show green for ideal load, check the adjustment of the adjustable nut of the helix, check that there is no drag preventing the rotation.

If the failure persists follow these steps:

Suspend the dive, once out of the water and with the equipment dry, dismantle the helix as explained in point 5.3.1 Assembly.

- Verify that the dragging wedge is not spent, these pieces can suffer a deterioration after a prolonged time and use.

## 11. POSSIBLE INCIDENTS AND SOLUTIONS (II)

### SCOOTER FAILURES

#### c) Flooding

If the scooter floods, it can become a risk to the user. Close the circuit and abort the dive **SPORT / TEK**, this will eliminate the risk and allow to exit the water with safety. In case of doubt detach yourself from the scooter and leave it behind.

#### d) The scooter has stopped functioning

If your scooter fails and stops functioning during the immersion, you have the following options:

##### Swim with the scooter

-If it is not flooded, you can simply disconnect the equipment and hook it to your body the most hydrodynamic as possible.

##### To be towed by your partner

-if the scooter is not flooded, you can be towed by your partner's scooter. The **SPORT / TEK** is capable to tow 2 people, albeit at a reduced speed and autonomy.

##### Release the **SPORT/TEK**

-If the scooter pose and risk to the safety of its user, leave it behind.

A scooter that can not be stopped due to a bad speed clutch is a risk to its user as it can result in high ascent or descent speeds





## 12. WARRANTY (I)

### TERMS AND CONDITIONS OF THE WARRANTY

**Divertug S.L.** guarantees the owner that only the original components of each new unit, do no present failures in materials, or labor during the following periods:

#### **Warranty of (2) years for:**

The casing (not electronic groups) of the equipment, finishing's, stickers, brackets, parts of the **Divertug** scooter.

#### **Warranty of 6 months for:**

The battery unit of the equipment. Attention! This guarantee will be valid providing that the conditions described in point 4. Batter have been fulfilled.

This warranty is applicable only to **Divertug** units, purchased through an authorized distributor or directly from the manufacturer. This warranty doesn't cover unauthorized parts or those produced by different companies than **Divertug S.L.**

#### **Limited repairs**

The repair under the indicated warranty is limited to the substitution of the defective parts and others of similar value than those in the original scooter, the decision being made by **Divertug S.L.** This warranty starts from the date of purchase, it is only applicable to the original owner and is not transferable.

In any case **Divertug S.L** will not be responsible for direct, unforeseen or resultant losses, including, without limitation, personal injuries, property damages or economic losses, on the basis of contract, warranty, negligence, responsibility of the product or other.

## 12. WARRANTY (II)

### TERMS AND CONDITIONS OF THE WARRANTY

#### Exclusions

The warranty or any other implicitly granted by **Divertug S.L.** doesn't cover:

- The wear and normal of parts of which the scooter is composed in situations that are not due to faults of assembly or materials. (Mentioning that all of **Divertug's** products are previously tested in the factory before sale.)
- Equipment where the maintenance or repairs were no realized by persons authorized by the manufacturer.
- Modifications of the original state in which the equipment was given.
- The use of the **Divertug** equipments for abnormal activities, or for other purposes that are not the ones for which they have been designed.
- Damages caused by not following the instructions of this user manual.
- The damages in the endings of the adhesives or protections derive from the use or exposition to conditions of extreme climates.
- The damages caused by external agents such as chemical products, salt, oxidation, discoloration or natural deterioration.
- The costs of the labor in the substitution or change.

Except for these exclusions, this warranty and all the other additional warranties **Divertug S.L.**, their employees and agents will not be considered responsible for the losses or damages of any type (including unexpected losses or damages results caused by negligence or omission) derivatives or relatives to any **Divertug** equipment.

## 12. WARRANTY (III)

### TERMS AND CONDITIONS OF THE WARRANTY

**Divertug S.L.** doesn't provide any other warranties, explicit or implicit. All the implicit warranties, including the warranty of merchantability and adequacy for a particular purpose, are limited in duration to the explicit warranties indicated above.

Any reclaim under this warranty must be realized through an authorized distributor of Divertug S.L. or directly by the **Divertug S.L.** manufacturer. It is necessary to complete the purchase before processing a reclaim under warranty and having realized the activation of the warranty trough an email to [divertug@divertug.com](mailto:divertug@divertug.com)

The reclaims in warranty out of the country can be subjected to additional restrictions and charges.

The duration and details of the warranty can change in function of the type of equipment, batteries and/or country. This warranty gives specific legal rights, but can be subject to local laws and rulings. This warranty doesn't affect the rights that the established by law.

These conditions of warranty are applicable from **01/2016** by the **Divertug** teams.

## 12. WARRANTY (IV)

### TERMS AND CONDITIONS OF THE WARRANTY

#### ANNEX/ES

##### Registering the warranty

For the validation of the warranty, the vehicle must be registered by sending an email to [divertug@divertug.com](mailto:divertug@divertug.com), specifying the serial number and number of the purchase invoice. This is responsibility of the owner in its absence, it can be managed by the distributor.

##### Transference of the warranty

The transference of the warranty will be effective to the new user when it is demonstrated that it has been concluded following the respective change of the ownership according to the laws of each country, this holds the manufacturer in Spain and the distributor to the rest of the world.

##### Responsibility of the user

**Divertug S.L.** requests the user a few requisites for the good maintenance and good use of the equipment to be able to endorse correctly a reclaim in warranty. During the period of warranty of your equipment, it can only be attended by **Divertug S.L.** or official distributors. It will be your responsibility to maintain it in good conditions and not submit it to more efforts beyond those of normal use. During the period of warranty you must do all the technical and periodical obligatory maintenances, as it is indicated in this user manual from **Divertug team**. Otherwise, the warranty will be automatically invalidated.

## 12. WARRANTY(V)

### TERMS AND CONDITIONS OF THE WARRANTY

The owner of the equipment accepts and understands that when you buy the equipment the warranty doesn't cover the repairs or damages appeared as consequence of a bad use, abuse or accidents, negligence, neither to the unites that present the following characteristics:

- Altered characteristics with the ones of the original configuration specified in the technical sheet, manual or in the web [www.divertug.es](http://www.divertug.es)
- Used vehicles with an unusual effort application.
- Vehicles without proper maintenance, cleaning or without having realized the correspondent periodical services detailed in the user manual.
- Vehicles that have been modified by any electronic component.
- Vehicles used for renting.
- Parts that wear out because of the normal use like: Batteries, O-rings, clutch pieces, etc.
- Electrical circuits modifying their original services that are not original or authorised by **Divertug S.L.**
- Batteries that they have being used with an unauthorised charger or official and batteries that have had a short-circuit or not controlled charges by the user. .
- Vehicles that have been attended by service points not authorised by **Divertug S.L.**

**This warranty doesn't cover the cost of the services of maintenance, neither the routine services specified in the user manual.**

## 12. WARRANTY(VI)

### TERMS AND CONDITIONS OF THE WARRANTY

Our technical service, after a pre-evaluation, will contact you as soon as possible to indicate the steps to follow for the reparation of your equipment, reconditioned and 100% functional in the shortest delay.

In case of an incident with your equipment, write us at [divertug@divertug.com](mailto:divertug@divertug.com) attaching the serial number and the detected problem, full name, phone number and email.



Identification plate, serial number/ characteristics of the battery

This image shows where the identification plate is located, any manipulation, wears or brakes of the same one, so if you have any of these mentioned cases, please contact immediately with the manufacturer or distributor so like this he can indicate the steps to follow for the situation.

## 13. DISTRIBUTORS

[www.divertug.com](http://www.divertug.com)

Find updated information on our website [www.divertug.es](http://www.divertug.es)  
Find your nearest distributor to obtain the best after-sales service.

Images are not contractual due to our policy of constantly improving the Divertug S.L. Equipments. Find the information or download the latest version of the manual from our website: [www.divertug.es](http://www.divertug.es) or send us your suggestions by email: [divertug@divertug.com](mailto:divertug@divertug.com)