

OMER.

BREATHLESS EMOTIONS



UK **WARNING:** read the instructions inside carefully
IT **ATTENZIONE:** leggere attentamente le istruzioni interne
FR **ATTENTION:** Lire attentivement les instructions contenues dans cette notice
ES **ATENCIÓN:** Leer atentamente las instrucciones contenidas en este folleto
RU **ВНИМАНИЕ:** прочитать инструкцию внутри тщательно

CAYMAN ET ROLLER

WARNING

- **Fig. 1** - During transportation, the triggering mechanism of all models of OMER spearguns could accidentally be activated, and therefore not hook the arrow when you try to load the gun. Always press the trigger before loading to make sure the mechanism is in the correct position..
- The accurately designed shaft locking device assures a perfect hold. You should always make sure that the catch is not worn down, which could cause the sudden release of the shaft. Shaft notches can wear down because of the strong pull of the rubber slings during shooting.
- **Fig. 2** The part of the catch that hooks to the shaft will show wear.
- **Fig. 3** The notch on the shaft.

INTRODUCTION

The latest Cayman ET Roller is launched on the market packed with special innovative features. The cuttlebone-shaped shaft of this spear gun is made of aluminium alloy with two semi-closed tracks placed at the top and bottom. The top one is an "Enclosed Track." The shark fin shaft slides on it to hook on the wishbone, thus preventing flexion of the shafts on the barrel at the high speeds developed by the roller. The bottom track contains the pre-tensioning shark fins of the elastic roller. Check the notches on the rod before loading the weapon.

MOULDED HANDLE

The barrel is made of anodised Anticorodal Aluminium to enhance resistance to shock and scratches. The part containing the triggering mechanism is made of shock-resistant loaded nylon 6.6 and fitted with a standard white semi-rigid handle designed to ensure a comfortable and safe grip (available with right and left ergonomic handle).

- The triggering mechanism is lodged in the top moulded handle and fitted with stainless steel pins. The line release trigger is located laterally with cam movement separated from the releasing mechanism.
- Each of the internal details has been studied in terms of geometry and material to ensure optimal function and duration: - tooth and line release trigger are made of stainless steel. (see **Fig. 4**)

The typical plug at the end of the moulded handle is studied to facilitate loading of the weapon balanced against the chest of the fisherman. It is overmoulded with rubber. The spear gun box also contains a longer version of the plug, which can be replaced, if necessary, by removing the dedicated pin, as described in **Fig. 5**.

MUZZLE

The muzzle (**Fig. 6**) is made of loaded nylon 6.6 and is fitted to the barrel with a Grivory pin. This muzzle allows to use a 14 mm circular rubber sling and a 14 mm roller rubber sling. The spear head is a stainless steel pin that is inserted into the inferior part of the muzzle, while two shaped stainless steel tracks are positioned at the ends of the pulleys to avoid the line from twisting. The muzzle is fitted with two frontal horizontal stabilisers to improve spear gun balance.

SHAFT AND LINE RELEASER

The "USA" type shaft has 3 laser-welded shark fins and an innovative reel that acts as "stabiliser" along the trajectory of the shaft, improving precision; moreover, it completely removes all risk of line twisting, which occurs frequently in this type of spear guns. (**Fig. 7**)

SLINGS

USING SLINGS AND WISHBONES

It is advisable to always wear gloves. Grasp the rubber parts in front of the wishbone, holding them with the little fingers while pulling the slings (see **Fig. 8**). Use the same length of slings suggested by the manufacturer. Make sure that the wishbone is correctly centred in the notch of the shaft, and release the rubber slings slowly after loading. **Warning: always make sure that the Dynema line that forms the wishbone is not worn. Replace if necessary..**

POSITIONING THE SINGLE RUBBER ROLLER

When using the single elastic roller "A", hook on the wishbone to the notch that is closest to the handle. (see **Fig. 9**)

POSITIONING THE RUBBER ROLLER WITH THE CIRCULAR SLING

When using the circular rubber sling and the rubber roller, first hook on the rubber roller "A" to the second shark fin (the second one starting from the handle), and then hook on the circular rubber sling "B" to the shark fin that is closest to the handle (see **Fig. 10**). If a different hooking system is used, the shaft might take an inaccurate trajectory and there might be line twisting problems.

USE

HOOKING THE SHAFT

It can be felt by the typical "click" produced by the clasp when the shaft is inserted into the loading box. To ensure that the shaft is correctly held by the clamping mechanism, it is recommended not to release the rubber slings brusquely but to let them go gently with some caution.

Fig. 11 The shaft is NOT fitted into the triggering mechanism.

Fig. 12 The catch is inserted in the notch on the shaft, which hooks it to the triggering mechanism.

LOADING SEQUENCE - Fig. 13

Hook on the lower wishbone to the first shark fin A (the one closest to the muzzle). The rubber slings will then remain positioned superiorly, as in a conventional rifle, easy to pick up and hook on to the shaft (no tools and/or particular loading devices are required). Once it has been hooked on to the shaft, turn the spear gun and hook on the bottom wishbone to the desired shark fin, B medium or C high power, see **Fig. 13**.

FITTING THE SPEAR GUN WISHBONE

See **Fig. 14**.

POSITIONING THE BOTTOM PINS

The bottom part of the barrel contains 3 shark fins, which the user can position as he likes, and which are useful to hook on the wishbone located opposite the rubber slings. Hence, the user can adjust the power of the Roller at any time to suit fishing requirements.

To position the bottom shark fins, the fixing pin of the muzzle must be removed by detaching it from the barrel. Manually slide out the spacers and shark fins, reposition them as desired, and reposition the muzzle with the dedicated pin.

POSITIONING THE BUOY EYELET

A stainless steel ring can be placed laterally to the handle to insert the elastic "Bungee" line for direct connection to the surface buoy, if necessary. The spear gun is provided without this eyelet, as in **Fig. 15A**, but the buoy eyelet can be positioned by removing the standard threaded pin, as illustrated in **Fig. 15B**.

POSITIONING THE PLASTIC RING OF THE HANDLE

The standard spear gun is supplied with the stainless steel snap hook positioned under the grip. The spear gun box contains the conventional plastic ring that can be positioned instead of the snap hook by removing the dedicated pin and replacing the same **see Fig. 16**.

MAINTENANCE

MAINTENANCE OF THE ELASTIC SPEARGUN

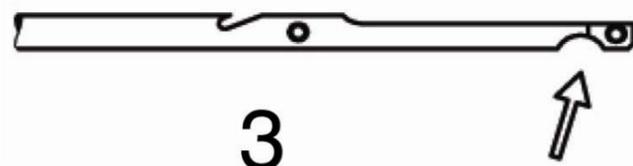
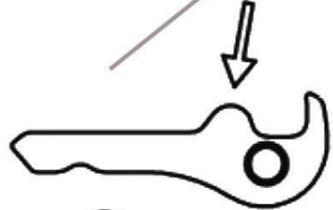
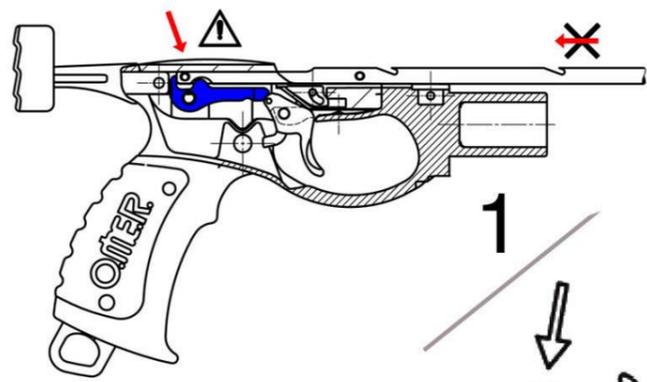
Although the elastic spear gun is made of stainless steel, it should be thoroughly washed and rinsed in fresh water at least once a week, including the internal parts of the triggering devices. The triggering mechanism should be lubricated regularly with silicone oil. You should also regularly check the state of repair of the points attachment of the barrel, muzzle, handle and their pins

To avoid excessive wear, parts such as the rubber slings, wishbone and shafts should be carefully checked at the end of each day of use. This simple practice will extend the life of the gun and assure that all mechanical parts function correctly.

ATTENTION: the elastic spear gun must always be loaded under water, after making sure that nobody is in the line of fire. Take the same precautions when unloading, and always do it under water. Always cover the tip of the shaft at once with the rubber protection provided. Never use the spear gun out of water. Never leave the spear gun loaded out of water, even if the safety is on. The company declines all responsibility if the product is modified after purchase.

QUALITY CONTROL

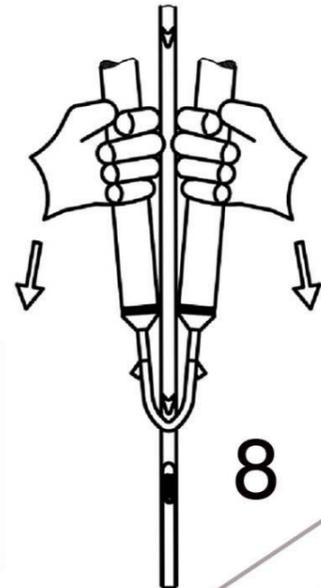
Every component of all SPORASUB elastic spear guns has been designed to assure a perfect final assembly. Each model is always inspected and tested before leaving our departments.



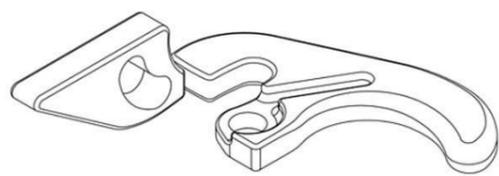
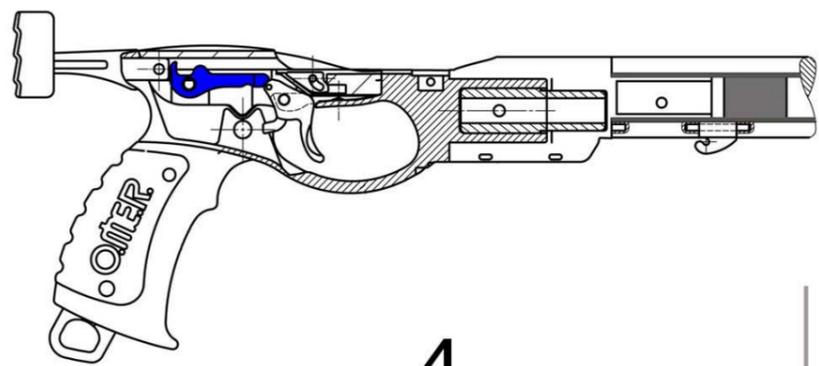
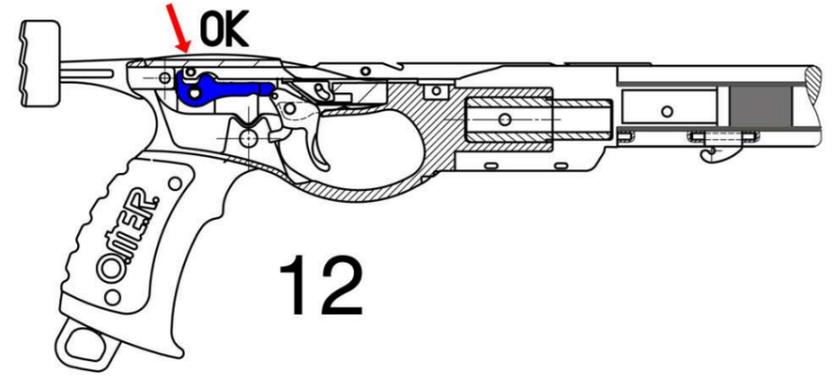
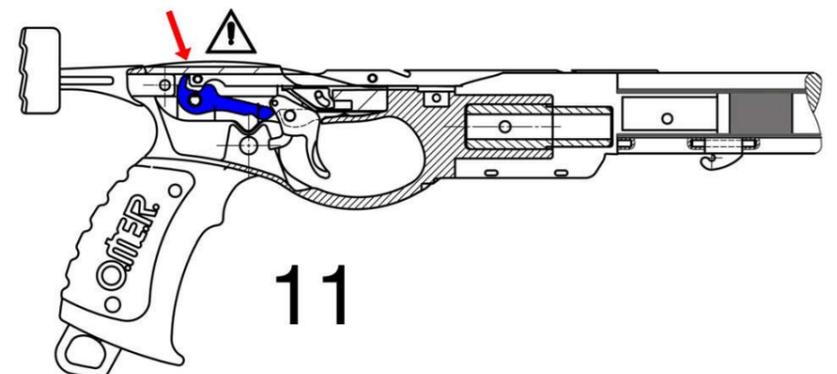
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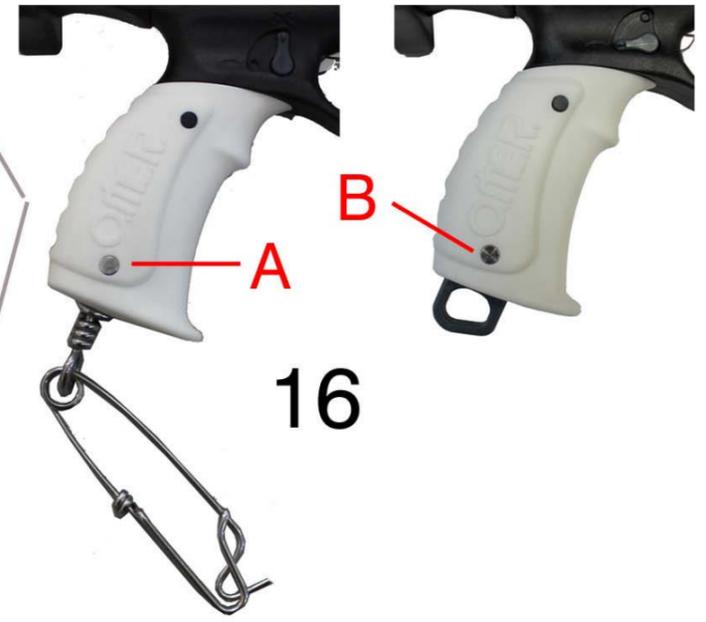
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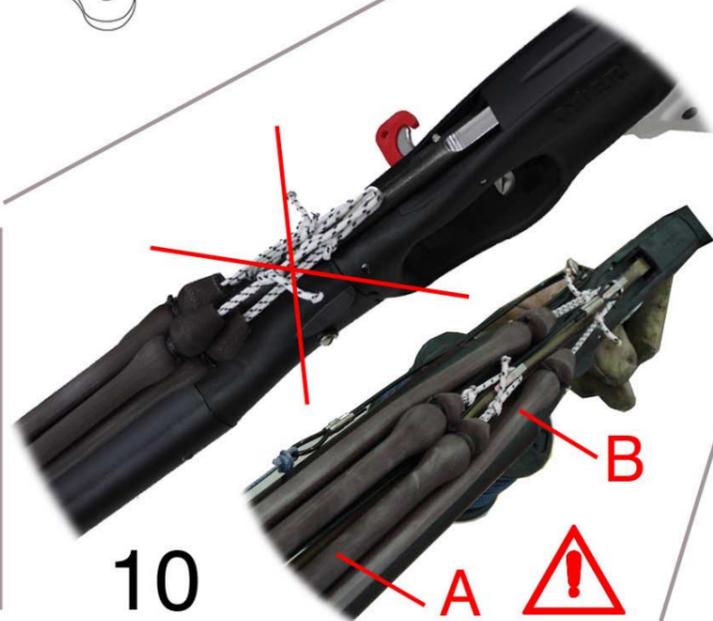
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