

Ado

ITALIANO

2

ENGLISH

20

FRANÇAIS

38

DEUTSCH

56

ESPAÑOL

74

PORTUGUÊS

92

Thank you for choosing SUOMY.

Designed and manufactured in compliance with the highest qualitative standards specifically for motorcycle use, HALO is certified by the most important Certification Bodies.

Suomy cannot be held responsible for direct or indirect damages resulting from an incorrect use of the product and/or **for using the helmet in situations that go beyond the normal conditions of use or the ways indicated in this booklet.**

Before using the helmet, carefully read this manual. Keep it at hand for future reference.

For further information, contact your Distributor or Suomy.

Use this helmet in compliance of the instructions contained in this manual. Compliance of these instructions will make your helmet last longer and will assure maximum product performances.

Modifications and/or alterations of the helmet and/or any of its components shall make the warranty void and may compromise the safety requirements or make the product non-compliant with the certification standards.

All the Suomy products are constantly subject to a continual improvement process, that's why Suomy reserves the right to make changes, without prior notice, to the products object of this manual. It is therefore not possible to exercise any rights on the basis of the information, illustrations and descriptions contained in this manual.

HALO was developed and tested to assure, together with the safety features, the best level of comfort and noise reduction during ordinary conditions of use. However, the particular configuration of the vehicle and/or the position of the rider or both factors can entail situations that could not be foreseen during the manufacturing of the product that may generate aerodynamic rustles or hissing sounds. **Suomy therefore, cannot be held responsible if this should occur.**

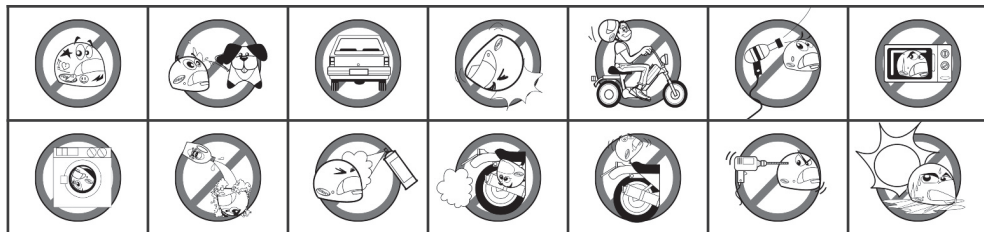
HALO is not designed to be used with earphones and/or similar devices.

The **internal shell** can be totally removed. It is made in excellent anallergic fabric with anti-bacteria treatment.

All the parts in contact with the face are easily **washable**.

Interchangeable side cheek pads, available in different thicknesses to assure the best fit for all head sizes.

The HALO **ventilation system** along with the particular shape of the internal polystyrene shell, optimizes outside and inside air flows, fed by air intakes, which exploit the Venturi effect thus optimizing internal ventilation. The air inlets release the air flows. This assures a more uniform and continuous flow of air inside the shell, which is also enhanced by the extraction grid on the back part.



For maximum safety, HALO must fit tightly and be correctly and securely fastened, so it cannot be taken off neither by pulling it nor by rotating it around the head (see figure 1). If it is too big it may slide down over the eyes or turn in a lateral direction due to movement during riding, thus blocking visibility.

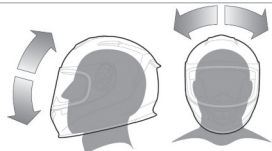


figure 1

Do not use scarves or neck guards which could make the strap slide and the helmet fly off in case of crash.

HALO was designed to be used with most of the eyeglasses on the market. In any case check how the helmet fits with the glasses before purchasing it.

The function of the helmet is to reduce stress on the user's head in case of crash; this happens through a partial destruction and/or deformation of its components (mostly the external shell and the internal polystyrene shell). In this way part of the energy generated by the impact is absorbed by the components of the helmet, thus reducing the vibrations on the user's head, eliminating or limiting the risk of traumas. The protection capacity of the helmet is not endless and certain crashes may generate such high stress that even the energy absorbed by the helmet is not enough to protect the user from injuries: **no helmet, even top quality helmets, can protect the head against the forces generated by any type of crash.**

The integrity of the shell and of the inside are essential to assure maximum performances in terms of safety. HALO was studied to absorb crashes through a partial destruction of the shell or some of its parts that could be damaged after a crash even if it is not readily visibly. If the helmet suffers further stress it might not be able to offer the maximum level of protection.

Do not use a helmet that suffered severe blows even though the damage is not readily visible; if the helmet is damaged it must be replaced.

It is extremely dangerous to modify the helmet by sticking or gluing anything on it. Do not cut or punch the helmet's shell, do not insert screws or paint it.

Do not change the internal lining of the helmet, particularly never cut or change the inside polystyrene padding: changes to the shape of the internal polystyrene shell can affect the safety features of the helmet.

Damaged visors may limit visibility especially at night and must be immediately replaced with regularly certified visors according to the certification regulations in force.

Do not apply paint and/or adhesives on the visor.

Only use original Suomy accessories and spare parts or those specifically indicated by Suomy for the specific model: this is the only way to assure reliability, safety and compatibility with the helmet used.

The use of non original components and/or accessories make the warranty void (see warranty) and can affect the safety requirements.

MAINTENANCE

To clean the shell use water and mild soap; let the helmet dry at room temperature, never expose it to heat.

Cleaning the helmet with solvents, petrol by-products or chemical substances, the application of stickers or paint could affect the structure of the shell, thus affecting the safety features, even if the damage is not readily visible.

Do not paint, or apply stickers, petrol or other chemical solvents to this helmet.

To clean the internal lining, just hand wash at 30°C maximum, exclusively using mild soap.

To clean the fixed internal lining use a damp cloth and mild soap.

The fabric lining, even if they are part of removable elements, must not be soaked in water when they are applied to or paired with an internal padding, either rigid or soft.

Dry the pieces at room temperature, away from sunlight and **without exposing them to heat.**

Clean the visor as follows:

1. Remove the visor from the helmet (see paragraph **VISOR - removal**)
2. Rinse it with running warm water only on the outside.
3. Wash the visor with water and mild soap using a soft cloth to remove the dirt.
4. Rinse with warm water.
5. Dry with a soft and delicate cloth
6. Put the visor back on the helmet (see paragraph **VISOR – Assembly**)

Verify that the cloth used does not leave any traces that could stick to the surface of the visor after washing. Do not use paper cloths to clean and dry the visor.

Do not expose the visor to heat to dry.

Do not use particular detergents (prepared solutions, creams, etc.) even if they are classified "specific for visors", unless directly marketed by Suomy.

During cleaning operations, carefully handle the visor to avoid damaging the anti-scratch. Never use solvents, alcohol, fuels, thinning substances or abrasive powders; these materials are aggressive and could affect the structural resistance of the polycarbonate or scratch the surface of the visor with consequent reduction in the mechanical and optical properties.

Some colorings are made with Fluo UV paints that could be subject to the natural migration phenomenon with a drop in intensity. The phenomenon could be enhanced when the helmet is exposed for long periods to a particularly intense light. However, this does not affect the performances and the quality of HALO.

Suomy therefore, cannot be held responsible if this should occur.

The use of non original components and/or accessories makes the warranty void and can affect the safety requirements.

To clean the shell use water and mild soap; let the helmet dry at room temperature, never expose it to heat.

Cleaning the helmet with solvents, petrol by-products or chemical substances, applying stickers or painting the helmet could affect the structure of the shell, thus affecting the safety features, even if the damage is not readily visible. **Do not apply stickers to, use petrol or other chemical solvents with this helmet.**

To clean the internal lining use a damp cloth and mild soap only. Let the treated parts dry at room temperature away from direct sunlight and never expose them to heat.

Periodically clean the restraint system with warm water and mild soap. Do not use solvents or chemical detergents and do not lubricate.

Clean the polycarbonate visor first rinsing it under running warm water. Use mild liquid detergent to wash it; dry using a soft and delicate cloth. During cleaning operations, carefully handle the visor to avoid damaging the anti-scratch coating. Never use solvents, alcohol, fuels, thinning substances or abrasive powders; these materials are aggressive and could affect the structural resistance of the polycarbonate or scratch the surface of the visor with consequent reduction in the mechanical and optical properties.

All painted surfaces are subject to a natural alteration due to exposure to atmospheric; particularly some colourings made with Fluo or UV paints could be subject to a faster migration phenomenon with a drop in intensity. The phenomenon could be enhanced when the helmet is exposed for long periods to a particularly intense light. **Suomy therefore, cannot be held responsible for alterations of the painted surfaces due to wear (effects of sunlight, vapours, detergents, crashes, scratches).**

This does not jeopardize the performances and the quality of SUOMY HALO.

Adjust the fastening system so that when the helmet is fastened, the strap presses close against the jaw and there are the following conditions:

- The helmet can no longer be taken off

- By pulling the helmet from the back and rotating it towards the front, the helmet cannot be removed and it remains well fixed on your head

If the helmet tends to slide off or rotates freely on the head, adjust the strap again until the right pressure is obtained and repeat the test.

If after repeating the test you are not able to efficiently tighten the retention system, do not use the helmet.

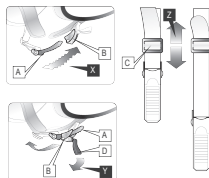
After adjusting the length of the strap make sure the end part of the strap is correctly positioned in the adjustment buckle.

MICROMETRIC ADJUSTMENT RESTRAINT SYSTEM

Closing the strap - there are eight strap positions which make it possible to easily adjust the restraint closure system, depending on the shape of the user's head.

Push (X) the plastic lug (A) into the guide (B) until the strap is fully secured and pushes firmly against the jaw. Once closed pull the strap firmly to check it has been secured correctly. If it is not secured correctly adjust the length of the strap by moving (z) the band in the buckle (C). Repeat this operation until the retention system is tightened correctly.

Releasing the strap - disengage the plastic lug (A) by pulling (Y) the fabric edge (D) positioned on the lug (B). Release the strap and slip off the helmet.



CHIN VENT - OPERATION

see figure 2

The flow of incoming air in the front part of the helmet (chin) may be regulated by adjusting on the middle part of the air intake. To open and close the chin vent utilize the button inside the chin vent and slide it up and down:

- Position (X): air intake closed.
- Position (Y): air intake fully open.

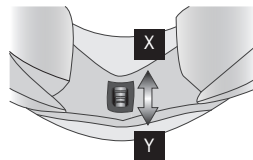
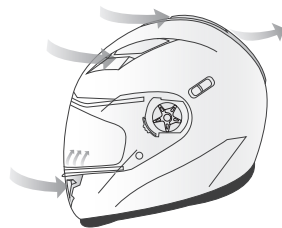


figure 2

FRONT VENT - OPERATION

see figure 3

Slide front and back to open and close the vent :

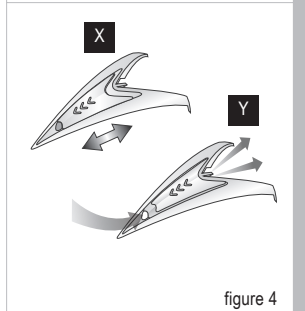
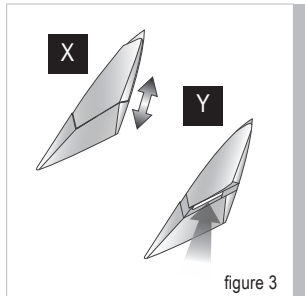
- Position (X): air intake closed.
- Position (Y): air intake fully open.

TOP VENT - OPERATION

see figure 4

The flow of incoming air in the upper front part of the helmet may be regulated by adjusting the middle part of the air intake. Slide front and back to open and close the vent.

- Position (X): air intake closed.
- Position (Y): air intake fully open.



INTERNAL PARTS

The internal parts of "HALO" (side pads, wind stopper, central pads, right and left cheek pad), can easily be removed to be washed and/or replaced.

SIDE PADS - Assembly and disassembly

Removing the pads - see fig. 5A

The side pad is fixed to the shell through pp sheet to remove, unfasten the pp sheet by slightly pulling outwards.

Assembly - see fig. 5B

Follow this procedure to fit in the side pads : insert pp sheet in the slot inside the cheekpad. Verify the correct positioning of the removable side pads, slightly press and fasten pp sheet.

CHEEK PADS - Assembly and disassembly

Removing the pads - see fig. 6A

The removable cheek pad is fixed to the shell through two press studs and one velcro to remove, unfasten the studs and velcro by slightly pulling outwards. After unfastening the buttons, slide out the pad.

Assembly - see fig. 6B

Follow this procedure to fit in the cheek pads : insert the strap in the slot inside the cheek pad. verify the correct positioning of the removable cheek pads and slightly press and fasten the studs.

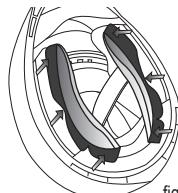


figure 5A

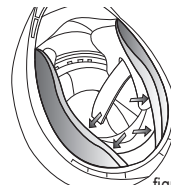
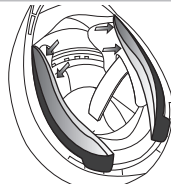


figure 5B

Verify that the part was assembled correctly by checking that:

- the cheek pad is firmly locked in position
- that the strap is completely free inside the hole and was not blocked under the cheek pad during assembly.

Only the correct assembly of the cheek pad and the correct positioning of the strap will assure the proper operation of the retention system.

If this doesn't happen and the removable cheek pads don't work correctly, do not use the helmet and contact Suomy authorized personnel only.

Internal central padding : fitting and removal

Removal – see fig. 7A

The internal padding is fixed to the helmet through a front sheet and a back tongue.

Remove the removable cheek pads (refer to paragraph CHEEK PADS). Release the back part and release the click-in tongue from its seats. Remove the internal padding.

Caution: to avoid damaging the internal lining, before removing the padding, make sure the back part were released.



figure 6A

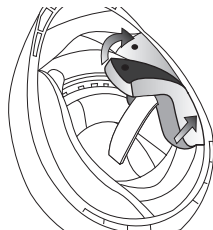


figure 6B

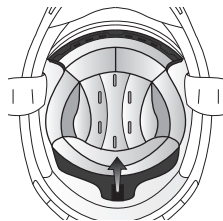
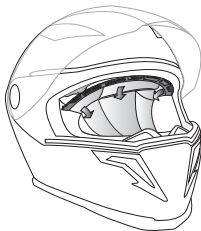


figure 7A

Fitting – see fig. 7B

Position the internal padding of the helmet checking the direction of assembly. Fix the front tongue to its support on the polystyrene, fasten the back part.

After fitting the parts, make sure the internal padding was positioned correctly.

If these conditions are not verified and the internal padding was not fitted correctly, do not use the helmet and contact authorized Suomy personnel only.

Put the cheek pads back into position (refer to paragraph CHEEK PADS).

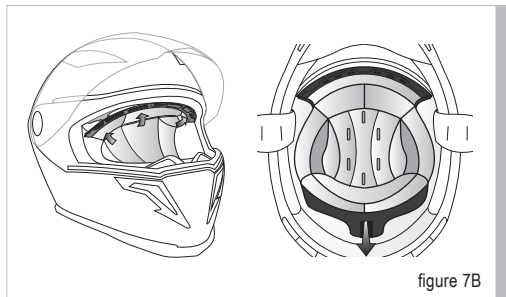


figure 7B

WIND STOPPER - Assembly and disassembly

Wind stopper is fixed to the chin with 2 snap buttons, pull the wind stopper from the chin to disassembly and reassemble it by fixing the buttons in to the place.

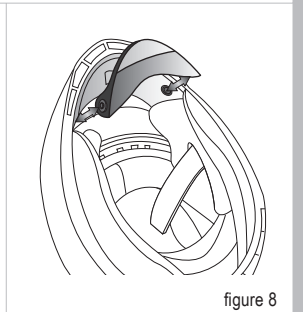


figure 8

VISOR

The visor must be cleaned and checked periodically. The presence of dirt and deep scratches on the surface could cause unusual light reflections or deviations, which may jeopardize safety. Immediately replace the visor if there are such problems.

How to operate

see figure 9

Operate the visor by using the lifting lever (A). Do not open it using other areas to avoid causing accidental damages (scratches or lines) or dirtying the field of vision.

Opening the visor: push (X) the lifting lever in the gasket and lift upwards.

Closing the visor: to lock the visor in position, lower it until the tab is blocked inside its seat in the gasket.

There are six locking positions: intermediate and with visor completely open.

The visor must be opened or closed completely up to the lock position. The visor is correctly locked into position when it clicks into its seat. To unlock the visor from the lock position just follow the above procedure, lightly press during initial phase of the movement until the visor is unlocked.

While riding the motorcycle the visor must never be left in the intermediate positions; it must always be locked in the locking positions.

Removing the visor

see figure 10

Open the visor until it is completely open.

Lift the back part (A) of the fastening nut (B) and hold it to rotate the nut (clockwise on the left side of the helmet and counter-clockwise on the right side) until it locks into position.

Remove the fastening nut by pulling it outwards.

Remove the visor from its mechanism.

Repeat the operation on the opposite side.

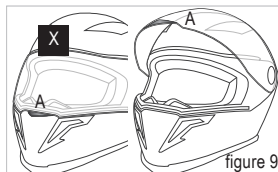


figure 9

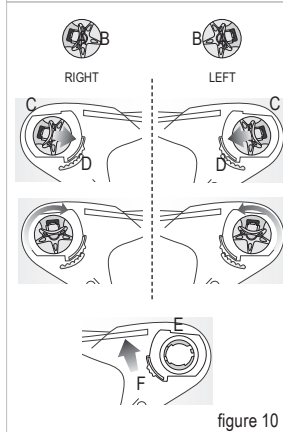


figure 10

Fitting the visor

see fig. 10

To assure the proper operation of the rotation system of the visor, before fitting the visor back on, verify that all the parts (pins and seats on helmet, fastening rings and relating accessories, visor surface in contact with the moving parts) are perfectly clean.

The fastening rings must be assembled following the application side indicated by the letter on the mobile back part (L: left side with helmet on – R: right side with helmet on)

Position the visor on the mechanisms so that the rotation seat (C) and the travel adjustment seat (D) are both inserted in the rotation ring (E) and the travel adjustment pin (F). Position the fastening ring (B) on the mechanisms by inserting the centering ring in the rotation ring.

During this operation the part of the fastening ring that can be opened must be tilted by about 45° downwards and facing the back part of the helmet.

Press the ring (B) against the mechanisms and at the same time rotate it (clockwise on the right side of the helmet and counterclockwise on the left side) until it locks into position.

The fastening ring is assembled and locked correctly when this part of the fastening ring is perfectly vertical.

Repeat the operation on the opposite side.

After fitting the mechanism verify that the visor is tightly fixed to the helmet, that it rotates freely and that it locks correctly into the locking positions.

If this doesn't happen and the rotation mechanism of the visor doesn't work correctly, do not use the helmet and contact Suomy authorized personnel only.

SUN VISOR

The inner sun visor, as well as the outer visor, should be regularly cleaned and checked. The presence of dirt and/or deep scratches on the surface of the visor may be due to abnormal light reflections or aberrations, which diminish riding safety. Immediately replace the visor if such defects are found.

Movement

HALO has a retractable sun visor which can slide into the gap between the outer shell and the polystyrene. There is no intermediate locking point between the positions of the visor when it is fully closed or fully open.

The movement of the inner sun visor is carried out using the button located at the back on of the HALO, on the left (See Figure 11).

Pressing the button in one of the two directions X and Y respectively determines the opening or reinsertion of the visor inside the helmet.

The movement must always be completed until the final positions of the button are reached.

Disassembly

To disassemble, position the sun visor in the open position (visor lowered) using the relevant button (see visor movement).

Once the fully open position is reached, in order to disassemble you have to remove the position lock by pressing quite firmly in the (X) direction until reaching a rotation where the upper edge of the visor reaches over the upper edge of the helmet (A). Once the rotation has gone beyond the locking point, all you need to do is press firmly on both sides towards the outside of the helmet until the fork is fully detached, with its rotation fulcrum positioned inside the shell on the right side of the helmet (the side without the movement button), and up to the total detachment of the lever (b) from the mechanism (c) on the left side (the side with the movement button), and therefore the removal of the visor.

This operation must be performed on both sides but taking care to slide the visor first from the side with the movement button, and only then from the other side.

See Figure 11



figure 11

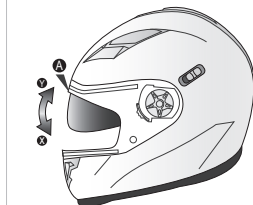


figure 12A

Assembly

See Figure 12 a / b

To ensure the best possible functioning of the visor, ensure that all parts (pins and their housings on the helmet) are perfectly clean.

Before inserting the visor ensure the external movement is in the open position (visor lowered). Position the sun visor, taking care to align the fork with its rotation fulcrum inside the shell on the right side of the helmet. Then press very firmly towards the inside of the helmet until the fork's inner insert is completely inserted. Then press down on the left side so that the tab (B) is inserted in the mechanism's hollow cone (C). Then press firmly in the (W) direction until it is completely attached to the inner mechanism. A click can be heard when it is correctly inserted. Slightly rotate the visor in the direction of insertion until it enters the shell's profile. Then try out some movements using the specific button to check that it is working properly.

Once you have finished the assembly, check that the visor is securely fastened to the helmet, that it turns freely and locks properly in the locking positions. If this does not happen and the visor's rotation mechanism does not work properly, refrain from using the helmet and contact Suomy authorised personnel only.

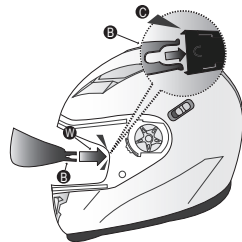


figure 12B

CONDITIONS

The warranty is valid from the purchasing date of the product and must be proven by the receipt (invoice, receipt or any document that unequivocally identifies the purchasing date as for example, payment through MAC card or credit card), issued by the person selling the item.

The interventions carried out under warranty do not extend the duration of the warranty which is still of two years from the purchasing date. The product must not have been modified and/or changed: the presence of non-original accessories and/or any, even small, changes to the product, entail the immediate cancellation of the warranty terms and the release of any responsibilities on Suomy's behalf.

The warranty is void when:

- The product has been modified, poorly painted, decorated with stickers
- Original parts have been replaced with other parts;

The Warranty does not cover damages resulting from:

- Incorrect use or non-compliant with the recommendations and requirements indicated in this manual;
- Ordinary wear of the product;
- Repairs made by the customers or third parties or by personnel not belonging to the Suomy Organization;
- Incorrect use of the product and/or use of the product in situations that do not comply with the purposes the product has been designed for or with the modalities indicated in this manual

VALIDITY

Suomy guarantees exclusively the helmet and its components for a period of two years from the purchasing date as regards conformity defects. Suomy undertakes to repair the defective product (or one of its part) or to replace it (at Suomy discretion), with no extra charge for the parts and the labour.

The warranty does not cover the alterations of the painted surfaces resulting from natural wear and tear phenomena (effect of sunlight, vapours, detergents, crashes, scratches).

Now you can register your helmet on line

<http://www.suomy.com/it/prodotti/registrazione-prodotto.html>

