



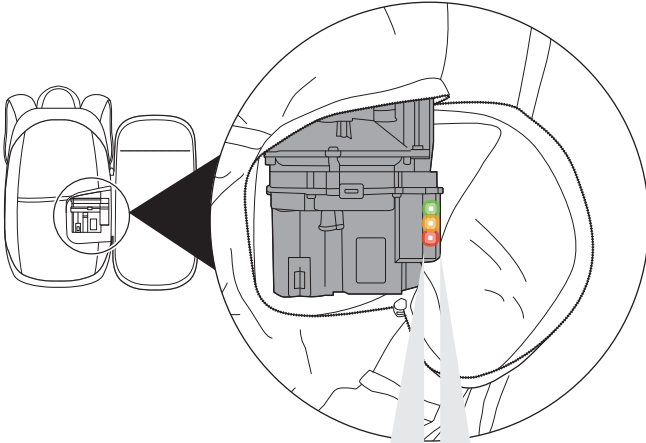
# ALPRIDE E2 AIRBAG SYSTEM

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**USER MANUAL**

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

# SUMMARY OF LED STATUSES



1 / 3s ✓ > 6h

2 / s ✓ < 6h

2 / s

+ 2 / s



1 / 3s ✓ > 6h

1 / 3s ✓ < 6h

1 / 3s





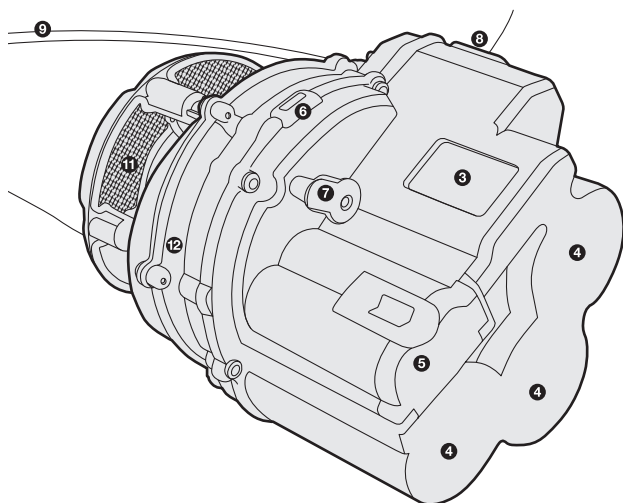
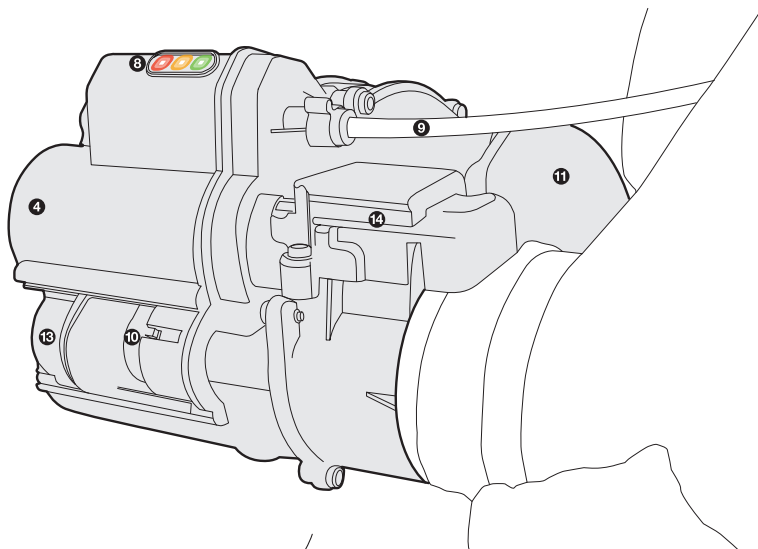
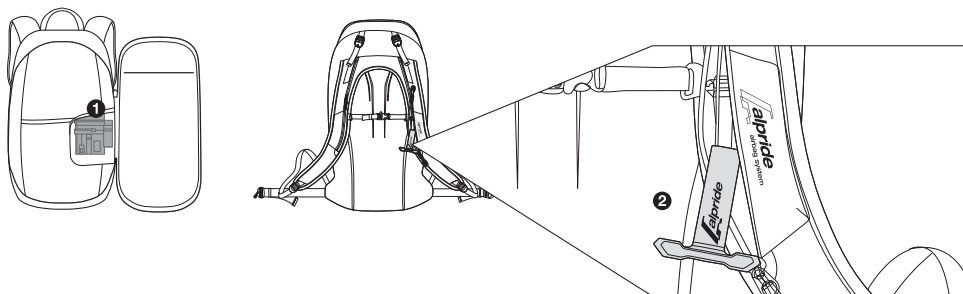
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ENGLISH

3 - 14

## ALPRIDE E2 AIRBAG system



### LEGEND

- 1 Airbag Compartment
- 2 Trigger
- 3 LCD display (see section 6)
- 4 Super capacitors
- 5 2x AA Battery compartment (batteries not included)
- 6 USB-C Port (cable included)
- 7 ON/OFF switch
- 8 3x LED (see section 5)
- 9 Trigger cable
- 10 Deflation knob
- 11 Air inlet
- 12 Compressor case and wheel
- 13 Deflation button cover
- 14 Pressure relief valve (see section 7)

# 1 INTRODUCTION

Congratulations on your purchase of the ALPRIDE E2 AIRBAG system.

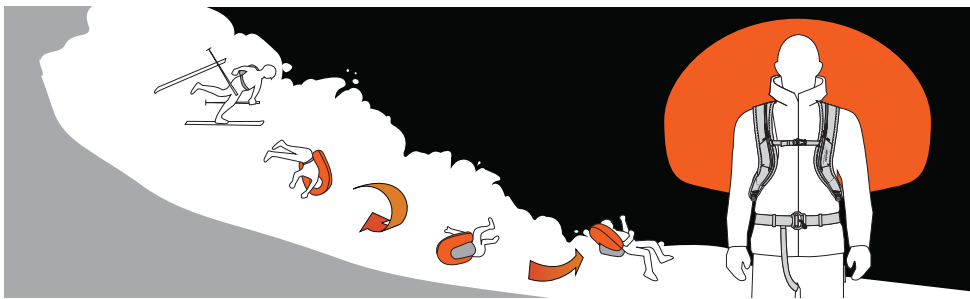
This manual provides you with information about the function and use of the ALPRIDE E2 AIRBAG system. It applies to every out of bounds snow sport enthusiast.

Please read this manual carefully before you use the device. Pay special attention to the warning notices and strictly adhere to the information within the user manual. In order to be able to easily consult this user manual we suggest that you keep it in a convenient location.

The ALPRIDE E2 AIRBAG system is an emergency equipment, which under certain conditions can prevent a total burial if activated. It cannot prevent the release of an avalanche. An element of deadly risk remains even if the user doesn't get buried. Every avalanche is absolutely life threatening regardless of any equipment. Therefore the ALPRIDE E2 AIRBAG system should not encourage you to take greater risks.

In the event of an avalanche, the user must tug on the trigger handle in order to activate the inflation: this inflates the 162 litres avalanche airbag within 3 seconds.

The ALPRIDE E2 AIRBAG system concept is based on the physical principle of inverse segregation. This is a phenomenon whereby, given a uniformly moving mass of particles, the smaller particles sink downwards and the larger ones float to the surface. The inflated airbag increases the victim's volume and greatly amplifies this inverse segregation effect. The avalanche backpack helps prevent total burial in the snow. The airbag's shape protects the back and the head of the user. Moreover, the rounded shape gives optimal float efficiency on the avalanche and the bright airbag color helps rapid localization.



The ALPRIDE E2 AIRBAG system is certified by TÜV Süd (Daimlerstr. 11, 85748 Garching bei München, Germany.) to meet the requirements of the EU regulation (EU 2016 / 425).

# 2 WARNING & APPROPRIATE USE

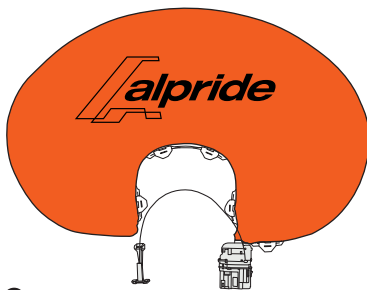
- All safety equipment has its limits. carefully read and follow all the instructions.
- The intended and reasonably foreseeable use of this backpack is solely: skiing, snowboarding, snowshoeing. it cannot be used in water.
- Do not submerge the system in water.
- The ALPRIDE E2 AIRBAG system cannot prevent avalanches from occurring.
- Avalanches are life-threatening, no matter what equipment is deployed.
- Users must not take more risks simply because they are wearing a ALPRIDE E2 AIRBAG system.
- Use of a avalanche backpack is no guarantee that total burial in snow will not occur.
- The ALPRIDE E2 AIRBAG system requires careful handling and proper inspection before each use.
- When packing the airbags make sure that nothing can tear or damage the airbag, inflator system and its fabric cover. also make sure that the airbag can open up freely.
- Fold the airbag according to the instructions. improper folding inhibits the opening of the airbag, can lead to malfunctioning and can damage the backpack.
- Alpride sa cannot be held responsible for injuries caused by an avalanche involving its ALPRIDE E2 AIRBAG system.
- Hazard is best avoided by avoiding hazardous situations.
- Keep children away from the ALPRIDE E2 AIRBAG system.
- Be careful not to endanger other people when practicing the activation of the air-bag.
- In order to avoid an unwanted or inadvertent activation where other people could be harmed by such an accidental activation, it is recommended that you stow the trigger handle in the shoulder strap sleeve with the covered zipper, especially on chairlifts, in gondolas, in or around a helicopter, the bus, train, automobile, etc.
- the ALPRIDE E2 AIRBAG system does not replace conventional avalanche rescue equipment: transceivers, shovels and probes should always be taken on off-piste tours.
- the ALPRIDE E2 AIRBAG system has to stay clean all time. in case of a spoiled inflator system, the function of the airbag system is not granted.
- do not use the alpride E2 with unauthorized carrying systems (backpack, vest, etc.).

- the ALPRIDE E2 AIRBAG system is on or off, it has no influence on avalanche beacons. when it is inflating it could interfere with beacons. avalanche beacons are very sensitive to electrical and magnetic influences. to mitigate any interference, carry the beacon on the front side of your body to increase the distance between the alpride E2 compressor and the beacon.
- this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- children shall not play with the appliance.
- cleaning and user maintenance shall not be made by children without supervision.

### 3 DELIVERY



1 BACKPACK



2 AIRBAG E2 KIT:  
compressor + airbag  
+ trigger handle



3 USB-C CABLE

### 4 ALPRIDE E2 SUPERCAP

#### SUPERCAPACITORS

The E2 Avalanche Airbag System is the first avalanche airbag that does not use lithium-ion or lithium polymer batteries to fuel the compressor's electric motor.

The E2 System uses its SuperCapacitors to store energy in the form of an electrostatic field. Unlike traditional batteries, there is no need to create a chemical reaction to generate energy, allowing the E2 System to release its power faster.

The E2's SuperCapacitors offer several advantages over batteries. They are not sensitive to changes in temperature, delivering the same performance at -30 degrees C and +50 degrees C. This saves weight because, unlike batteries, there is no need to boost the SuperCapacitors to guarantee outstanding performance at low temperatures.

While batteries tend to wear out after repeated charges, the SuperCapacitors stay strong. They are guaranteed for 500,000 charging cycles with a nearly infinite lifespan, clearly superior to the 3- to 5-year lifespan of the average battery. What's more, the SuperCapacitors are considered passive electronic elements, like cameras for example, so there are no restrictions to travel, shipping or storage. This is a major advantage over traditional batteries and compressed gas cartridge systems.

#### THE RADIAL COMPRESSOR

The E2 System uses a radial compressor, similar to turbo compressors found in cars. This design allows for high-speed air flow and inflation pressure equal to compressed air cartridge avalanche airbag systems.

#### AA BATTERIES

The E2 SuperCap System uses two AA batteries for two primary purposes:

- 1- to recharge the SuperCapacitors
- 2- to guarantee that the SuperCapacitors keep their full power, compensating for their slow loss of charge and ensuring several months of autonomy (see the section on autonomy).

**NOTE:** Only alkaline or lithium (AA batteries) should be used (for quick recharging at very low temperatures).

Use brand new, premium quality Alkaline AA / LR6 batteries.

Do not use AA zinc carbon batteries and NiCd or NiMH accumulators (rechargeable). These are often not strong enough to sufficiently charge the SuperCapacitors.

Depending on the AA batteries technology, recharge and autonomy can vary:

- Piles alcalines:
- Alkaline batteries:
  - are capable of 1 recharge OR 3 months autonomy of normal use (1.5 month if constantly on).
  - it is strongly recommended to change the batteries after 1 recharge of the system (after inflation).
- Lithium batteries:
  - are capable of 3 recharge OR 5 months autonomy of normal use (3 months if constantly on).
  - it is strongly recommended to change the batteries after 3 recharges of the system (after inflation).

## MICRO USB-C PORT

The micro-USB-C port (5V – \*A) makes it possible to recharge the SuperCapacitors using the USB-C / micro-USB-C cable provided.

Charging can be completed with a standard USB-C charger (not included), like those used for cell phones. Recharging the SuperCapacitors with the micro-USB-C cable takes priority over recharging via the 2 AA batteries.

The SuperCapacitors can be recharged with the micro-USB-C cable even in the absence of the AA batteries.

## 5 ON / OFF ET AUTO-TEST

To turn on the E2 System, use the ON / OFF switch. This safety switch prevents undesired activation inside the bag. Pull the switch up, turn it clockwise and hold for 2 seconds.

Each time it is turned on, the E2 System conducts an auto-test to verify that the motor, SuperCapacitors and electronics are functioning properly.

During this self-test, the 3 LEDs light up chronologically to check that the LEDs are functioning. Simultaneously, the LCD display blinks to check that the LCD display is working properly and all icons are visible.

➊ During this auto-test, the motor completes a first rotation at low speed, switching on the green LED.

➋ If the auto-test is successfully completed, the motor rotates a second time and the green / orange LED will blink  
>The system is ready for use.

➌ If the auto-test detects a malfunction, the motor will rotate 4x and the red LED will remain on. There is a problem in the system and it is not operational.

➍ If the system detects a malfunction and it is charging, the red LED will remain on and the orange LED will blink rapidly.

If there is a failure during the self-test, the following icon will be displayed on the LCD: ☒

To turn the system OFF, pull the switch and turn it clockwise (same procedure as for turning ON). The motor will rotate 1 x and the red LED will turn on and off again to indicate that the system has shut down.

**NOTE:** The LED blinking speed indicates that the system is either charging (2 x per second) or in standard ON mode (1 x every 3 seconds).

## TERRAIN USE AND LED STATUSES

To use the E2 System on terrain, you will need to:

1- Turn ON the E2 System (see section 5)

2- Verify that the auto-test is okay (see section 5)

➊ If the green LED blinks, the system is operational with at least six hours of autonomy

➋ If the orange LED blinks, the system is operational with less than six hours of autonomy.

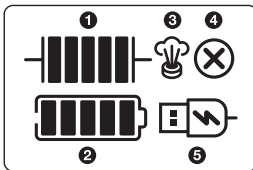
➌ If the red LED blinks, the system cannot guarantee 100% inflation (but it will still attempt to inflate the airbag as much as possible).

➍ If the red LED remains on, the system is defective and should not be used.

**NOTE:** The LED blinking speed indicates that the system is either charging (2 x per second) or in standard ON mode (1 x every 3 seconds).

To activate the airbag inflation, pull hard (between 5 to 10 kg) on the activation trigger.

## 6 AFFICHAGE LCD



➊ SuperCapacitor charge level

➋ AA battery power level: if the batteries are missing or completely empty, the icon blinks to indicate that batteries need to be changed or installed.

➌ Displays when the pressure relief valve is triggered

➍ Displays if the self-test is not functioning

➎ Displays when the USB-C cable is connected and powered

## 7 PRESSURE RELIEF VALVE:

The pressure relief valve is a solenoid-type electric valve and is active 3 minutes after the end of inflation for a maximum of 10 minutes or less depending on the residual energy in the batteries or SuperCapacitors. It will then close automatically.

As soon as the valve is activated, the following icon appears on the LCD display. ☒

The purpose of this valve is to reduce the airbag pressure 3 minutes after inflation. This is to reduce the stress on the seams and fabric of the airbag, ensuring a longer lifespan inflation after inflation.

The pressure relief valve also allows passive and partial deflation of the airbag by reducing its pressure but does not allow complete deflation of the airbag.

The operation of the pressure relief valve is controlled 3x during each self-test and can be clearly heard from the characteristic ticking noise (like a Swiss watch!)

## 8 AIRBAG INFLATION

In the event of an avalanche, pull hard (between 5 to 10 kg) on the activation trigger. The airbag will inflate in 3-4 seconds.

The compressor will operate for 5 seconds and then stop.

The airbag will remain inflated for a minimum of three minutes, then the pressure relief valve will be activated, and a passive and partial deflation of the airbag will take place.

Once inflation is complete, the SuperCapacitors will automatically recharge thanks to the two AA batteries if installed (see section 4)

**NOTE:** In compliance with the EN 16716 standard "Certification of Avalanche Airbags", the airbag must remain inflated for a minimum of three minutes. An avalanche airbag is not a life vest; therefore, it is normal that it does not remain inflated at full pressure for more than three minutes.

### HANDLING DURING AVALANCHE INCIDENT

In the event of an avalanche, always try to reach a place of safety or escape from the path of the snowslip. If on them, try also to remove your skis or snowboard, as these have an anchoring effect in an avalanche. Once the avalanche appears to be losing momentum, close your mouth and hold your arms in front of your face to create a life-saving air pocket. Once the avalanche has stopped moving and you can extract yourself, do not remove the airbag and help others. Only remove when you are confident there is no more risk of a second avalanche.

## 9 CHARGE AND STATUS OF THE SYSTEM




### RECHARGING THE SUPERCAPACITORS

There are two ways to recharge the SuperCapacitors:

- 1- Insert the two AA batteries (not included). The SuperCapacitors will be automatically recharged once the batteries are in place. Depending on the type of batteries and the temperature, charging takes 40-80 minutes.
- 2- Use the micro-USB-C port and the standard micro-USB-C cable (provided). The USB-C port can be connected to a standard charger (not included), like those used for cell phones, or to a standard power bank. Depending on the type of charger or power bank, charging takes 20-40 minutes.

The charging status is indicated by the rapid blinking of the LEDs (2 x per second).

The level of charge is indicated by the LED colour.














-  Red: low charge – the charge level cannot guarantee full inflation of the airbag (but it will still attempt to inflate the airbag as much as possible)
-  Orange: medium charge – the charge level guarantees 100 % inflation of the airbag but with less than six hours of autonomy.
-  Green: charging is complete – the LED blinks slowly (1 x every 3 seconds).

#### NOTE:

- Before the first use, charge the system with the USB-C port. After prolonged storage without batteries (e.g., over the summer or a new system), charging the SuperCapacitors will take longer than after inflation. After inflation there is still energy in the SuperCapacitors, but after prolonged storage without batteries, the SuperCapacitors will be completely empty.
- Charging with the USB-C cable takes priority over the batteries. If the batteries are in place and the cable is connected, charging will be carried out via the cable without draining the batteries.
- Charging is also possible without batteries using the USB-C cable.
- If the system is charging in OFF mode, The LED will blink but the system will remain in OFF.
- The system recharges automatically. If the airbag is inflated, the system will begin to recharge on the batteries or the USB-C port immediately.
- 2 AA batteries allow for 1-2 recharging cycles of the SuperCapacitors (depending on the quality of the batteries used and the charging temperature).

**WARNING:** Do not leave the USB-C cable connected while using the E2 System in the terrain. After charging is complete, remove the USB-C cable.

### SUMMARY OF LED STATUSES

	
 1 / 3s Green LED blinking slowly (1 x per 3 seconds) -> The E1 System is charged (> 6h).	 1 / 3s Green LED blinking slowly (1 x per 3 seconds) -> The E1 System is charged (> 6h).
 2 / s Orange LED blinking rapidly -> The E1 System is charging and operational with less than six hours of autonomy.	 1 / 3s Orange LED blinking rapidly -> The E1 System is operational with less than six hours of autonomy.
 2 / s Red LED blinking rapidly -> The E2 System is charging and not operational; the charge level cannot guarantee full inflation of the airbag.	 1 / 3s Red LED blinking rapidly -> The E2 System is not operational; the charge level cannot guarantee full inflation of the airbag.
 +  2 / s Red LED is permanently on and the orange LED is blinking rapidly ->  The E2 System is defective because the auto-test has detected a malfunction; the system is charging but it is not operational.	 + Red LED is permanently on ->  The E2 System is defective because the auto-test has detected a malfunction ; the system is not operational.



## AUTONOMY OF THE E2 SYSTEM

The system's autonomy depends on the quality and energy of the AA batteries and the frequency and duration of use in ON or OFF mode. The times listed below assume the use of high-quality alkaline batteries:

- Approx. 2-3 months of autonomy with two new AA alkaline batteries not including recharge of the SuperCapacitors (new batteries inserted after recharging the SuperCapacitors)
- The system can be used without additional AA batteries. However we strongly suggest to always use it with the batteries to ensure extended autonomy.

### NOTE:

- If the system is charged with the USB-C and used without batteries, it will only have a maximum autonomy of 12 to 24 hours, which is perfectly normal because the AA batteries ensure the autonomy of the E2.

## 10 DEFLATING AND RE-FOLDING THE AIRBAG

The airbag should be deflated using the airbag's draining knob. Lift the safety cover of the deflation button and press the button to deflate the airbag. Once the airbag is deflated, the springs on the safety cover automatically close it.

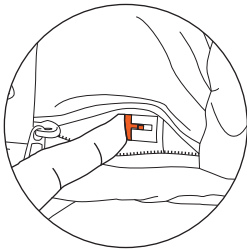
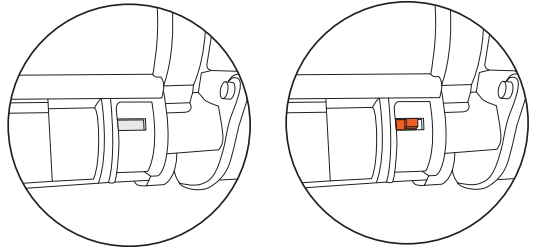
To fold the airbag, see the folding scheme.

**WARNING:** The deflation button is equipped with an orange indicator to ensure that the deflation button has returned to the upper position and thus does not keep the check valve in the deflation position.

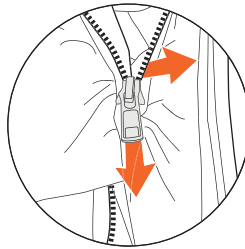
If the orange indicator is visible, this means that the deflation button has not returned to the initial position and could keep the check valve open. In this case, check that snow or ice is not blocking the deflation button in the pressed position.

**Do not use the E2 if the deflation button is jammed (orange indicator visible).**

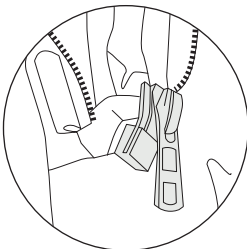
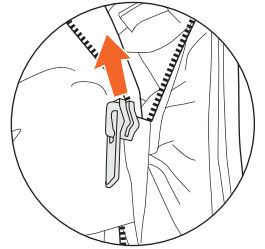
**After each deflation, check that the orange indicator is not visible.**



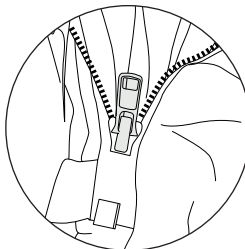
- 1** Deflate the airbag by pressing the deflation button



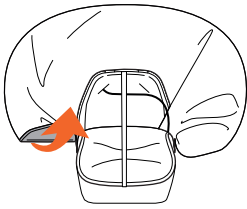
- 2** If necessary, separate the slider from the zipper by pulling the slider down and the other half of the zipper to the side.



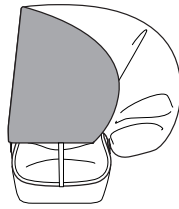
- 3** Bring the slider to the beginning of the zipper



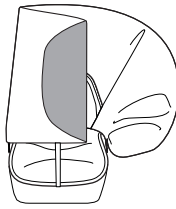
- 4** Assemble the two parts of the zipper



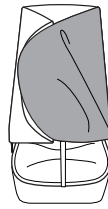
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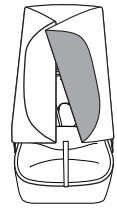
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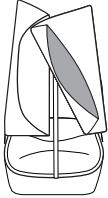
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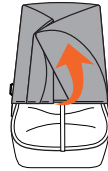
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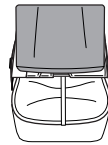
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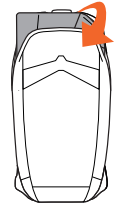
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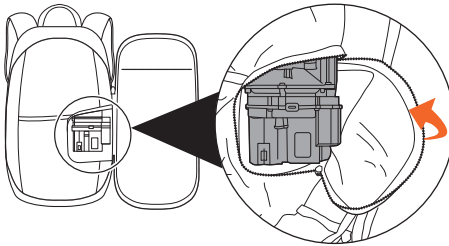
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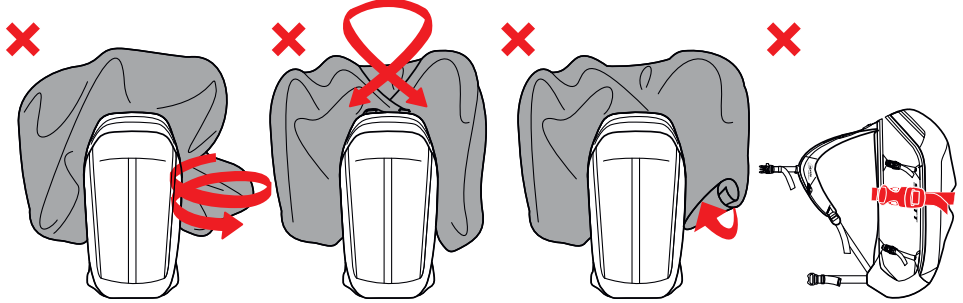


15



16 Folding complete

## IMPORTANT NOTES

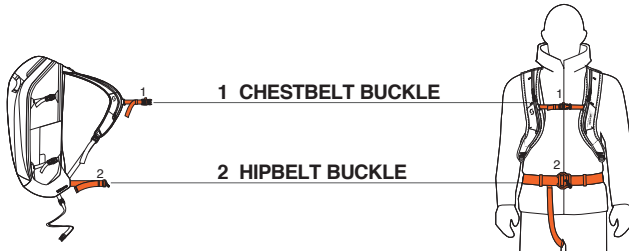


**WARNING:** DO NOT TWIST THE AIRBAG, DO NOT CROSS THE HOOKS, DO NOT ROLL THE AIRBAG, DO NOT BLOCK THE AIRBAG.

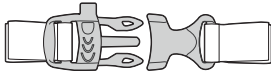
**WARNING:** The compressor compartment must remain closed to prevent objects from being sucked into the compressor and blocking inflation of the airbag.

## 11 CORRECT ATTACHMENT & SETTING

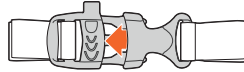
Put the backpack on and adjust shoulder straps to fit your body. Always fasten hipbelt, chest and leg loop and fit them according to your body. The ALPRIDE E2 AIRBAG system will only be of use to you if the backpack stays on your body during an emergency! Most of the weight of the pack should be resting on your hips rather than being carried by your shoulders.



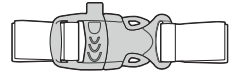
### 1 CHESTBELT BUCKLE



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2

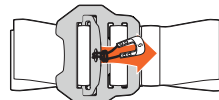


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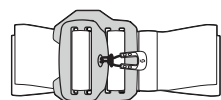
### 2 HIPBELT BUCKLE



1



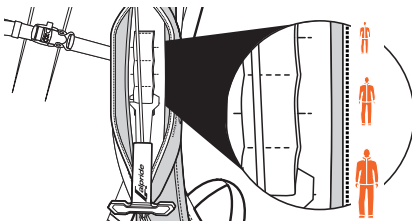
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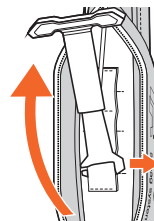
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SCOTT Sports SA shall not be liable for any damages and losses due to incorrect set up, incorrect fitting or incorrect adjustments.

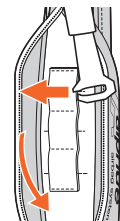
### HOW TO ADJUST THE TRIGGER HANDLE



1 Adjust the height of the trigger handle on the shoulder strap. There are three different settings. The trigger handle should ideally be at chest height.



2 Turn up the trigger handle to change the height position.



3 Then slide the trigger handle out of the webbing loop according and slide it back in the correct height.

## 12 INSTRUCTIONS

### REGULAR CHECKS

Your ALPRIDE avalanche backpack requires no maintenance but the following points have to be observed:

1- Deploy the airbag before the new season starts or at least once a year or after the backpack has been exposed to moisture / wet weather. Check its condition, allow it to dry and fold it back together again.

2- Pack the airbag away only when it is completely dry.

3- Prior to every tour, check all the points described in this user manual and inspect the condition of the system's safety straps and fastenings.

Practice deploying the airbag so you have a feel for the amount of force you need to apply. In the event of a real avalanche, you will then be able to deploy it correctly and intuitively.

## 13 MAINTENANCE

### POST-AVALANCHE CHECK

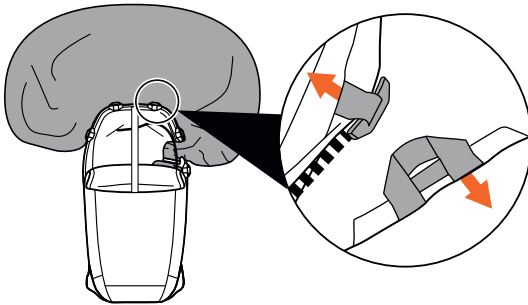
Every use of the ALPRIDE E2 AIRBAG system can negatively affect the material. Often the damage is not visible with the naked eye. After a use in an avalanche, contact ALPRIDE.

ALPRIDE E2 AIRBAG system for further inspection.

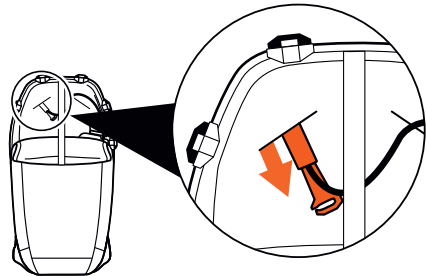
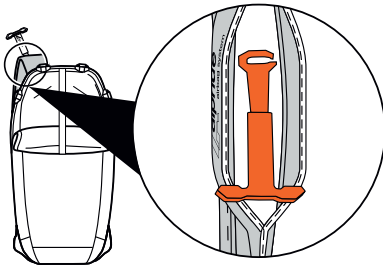
If you are unable to send the ALPRIDE E2 AIRBAG system, then following points are recommended to check:

- Check the airbags visually for punctures.
- Check the airbag fastening straps for tears.
- Check the shoulder, waist and chest straps as well as the seams for tears.
- Check all buckles (adjustment buckles at the shoulder straps, waist and chest strap).
- Check buckles as well as leg straps for tears and deformation.

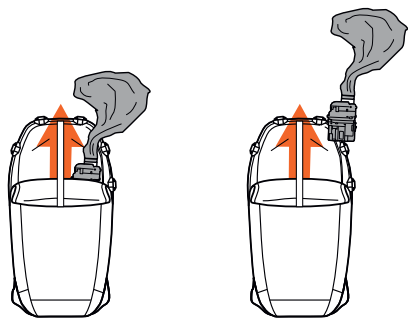
### HOW TO REMOVE THE DETACHABLE AIRBAG SYSTEM



- 1 Turn off the system, open the zipper on the airbag and unhook the 5 hooks.

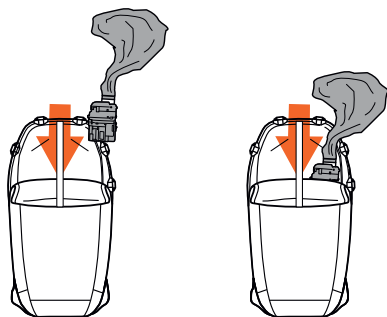


- 2 Open the backpack and the strap pocket. Detach the trigger handle. Remove the trigger handle through the opening between the shoulder strap and the airbag compartment.

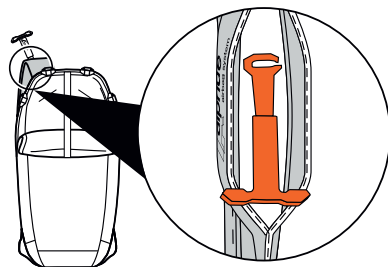
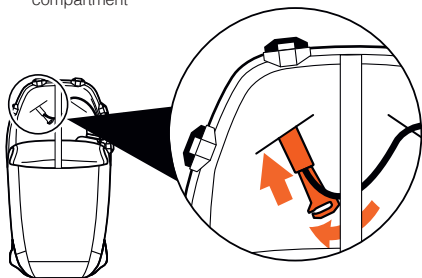


- 3** Remove the compressor through the side of the airbag compartment

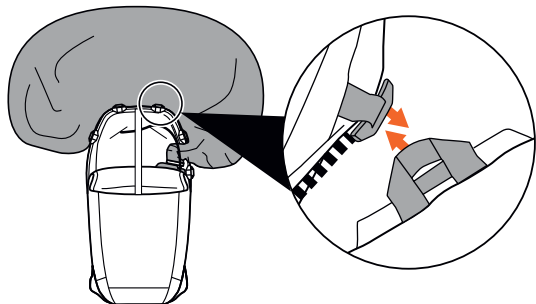
## HOW TO INSTALL THE REMOVABLE AIRBAG SYSTEM



- 1** Insert the compressor through the side of the airbag compartment



- 2** Run the cable under the compression strap. Pass the trigger handle through the hole between the shoulder strap and the airbag pocket, attach the trigger handle. Close the shoulder strap pocket and close the zip.



- 3** Attach the 5x hooks, fold the airbag, close the zip.

## STORAGE, CLEANING & SERVICE LIFE

### STORAGE

Store your ALPRIDE E2 AIRBAG system in a cool, dry environment. For safety reasons, keep the backpack out of the reach of children. Alpride SA shall not be liable for any damages and losses due to improper storage.

### CLEANING

Use only water (no cleaning products!) to clean the backpack. Ensure that the entire product is dry before using it again to avoid the risk of icing. In case of a dirty inflator, the inflator system must be cleaned properly with a damp soft microfiber towel. Alpride SA shall not be liable for any damages and losses due to improper cleaning.

### DISPOSAL



Dispose of the product in domestic waste. Do not mechanically disrupt or incinerate the product. This may lead to potential hazards.

#### Electrical appliance:

- Never dispose of electrical appliance in your household waste.
- Return electrical appliance using the recycling facilities provided.
- Contact your local refuse disposal authority for more details.

#### AA/LR6 1.5 V Batteries:

- Never dispose of batteries in your household waste.
- They may contain toxic heavy metals and are subject to hazardous waste regulations.
- The chemical symbols of the heavy metals are: Cd = cadmium, Hg = mercury, Pb = lead.
- Only dispose of batteries when they are fully discharged.
- Before disposing of the appliance it is essential to first remove the batteries.
- Return batteries using the recycling facilities provided.
- Contact your local refuse disposal authority for more details.

#### SERVICE LIFE

The product has a limited life time and should be replaced in case of signs of mechanical wear. It is recommended to regularly control your gear and to replace it at least every five years after first use. The functioning could be reduced due to mechanical wear or improper use. Dispose of the product if you notice any damage. The ALPRIDE E2 AIRBAG system is designed to withstand 50 inflations.

## 14 TRANSPORT & TRAVEL

The ALPRIDE E2 AIRBAG system is using only 2 AA battery. The ALPRIDE E2 AIRBAG system has no Li-Ion / Li-Po battery, no gas cartridges under pressure and no pyrotechnic trigger.

The ALPRIDE E2 AIRBAG system has no restrictions for travelling and shall not be considered as Dangerous Good in the meaning of the Dangerous Goods Regulations.

Even there are absolutely no restrictions for travelling with the ALPRIDE E2 AIRBAG system, to avoid any misunderstanding with airport security agents, we recommend to announce to the airlines that you are travelling with an electrical avalanche airbag WITHOUT battery. The ALPRIDE E2 AIRBAG system has a pressure relief valve system.

## 15 TROUBLE SHOOTING

MALFUNCTION	TROUBLE SHOOTING
The airbag doesn't inflate when pulling trigger?	1- Is the E2 On? →Check LED 2- Are the supercapacitors charged enough (LED orange or green)? 3- Is the autotest ok? →Check LED
The autotest doesn't work?	The supercapacitors are not charged enough to run the motor? →Wait for orange or green LED
The autotest is KO →Check LED	Check that ice or snow is not blocking the compressor wheel, dry the system completely before further use.
Airbag does not inflate fully:	There might be any of the following reasons for the malfunction: 1- If the airbag is rolled instead of properly folded 2- Because there is a webbing or something covering and restraining the zipper 3- The deflating knob is blocked in deflating position and prevent the non-return valve to close properly
The system does not charge from the AA batteries?	Make sure you are using brand new, premium quality alkaline or lithium AA / LR6 batteries. Do not use AA zinc carbon batteries and NiCd or NiMH accumulators (rechargeable).

## 16 ADDITIONAL INFORMATION

PRODUCT DESCRIPTION	SPECIFICATIONS
Type: ALPRIDE E2 AIRBAG system backpacks Operating Temperature: - 30°C / + 40°C IP65 conform controller Patent No: EP3202462	Weight of complete E2 SuperCap kit (without batteries): 1 140 g +/- 10 g Airbag balloon volume : 162 liters Total volume of the complete airbag kit in backpack: 1,8 litres Micro-USB-C: 5 V – 3A DC Batteries: 2 batteries AA / R6 / UM3 1.5 V Alkaline or Lithium Certification: CE according to EN 16716 standards set by TÜV Süd GmbH Model: ALPRIDE E2

### SERVICE CENTER

The ALPRIDE E2 AIRBAG system customer service center for the different countries are listed under our website: [www.alpride.com](http://www.alpride.com)

## 17 SALES & HOMOLOGATION

### SALES

Responsible for the development and commercialization in the EU and worldwide is:

ALPRIDE SA, Chemin des Chômeurs 2, 2523 Lignières, Switzerland

All information related to importers is available at [www.alpride.com](http://www.alpride.com)

### HOMOLOGATION

All declarations of conformity are available at [www.alpride.com](http://www.alpride.com)







Tested by TÜV Süd Product Service GmbH, Daimlerstr. 11, 85748 Garching bei München, Germany. Prüfstellennummer 0123.

Certified according to: EN 16716: 2017

The Alpride avalanche backpacks comply with the provisions and safety requirements of the European Standard EN 16716: 2017 for Mountaineering equipment – Avalanche airbag systems – Safety requirements and test methods.

All homologated backpacks are labelled with corresponding seals indicating they have passed the official tests. They are affixed in plain sight and may not be removed.

### The labels contain the following

XXXXXX	Name of the model of the product.
	Warning ! The end user should carefully read the instruction before using the product (PPE).
 XXXX-XX / XXXXXX	Manufacturing date : Year-Month / Individual serial number.
	The CE marking ensures compliance with the essential requirements of Regulation EU 2016 / 425.
	Eurasian Conformity Mark.
EN16716:2017	Reference for Personal Protective Equipment that is in compliance with the European harmonized technical standard used in the design and CE certification.
	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
	UKCA Certification.
	The EU declaration of conformity can be accessed on <a href="http://www.alpride.com">www.alpride.com</a>

[WWW.ALPRIDE.COM](http://WWW.ALPRIDE.COM)

ALPRIDE SA 2021. All rights reserved. Rev. 01 of 06.2021. The information contained in this manual is in various languages but only the English version will be relevant in case of conflict.