

HORSE-RIDING IN&MOTION
Airbag Vest
User manual

inmotion
INTELLIGENT PROTECTION TECHNOLOGY

Welcome!

Thank you for choosing the HORSE-RIDING IN&MOTION AIRBAG VEST.

This manual explains the correct use of this product.

READ BEFORE USING


For any questions regarding the airbag system and technology, please contact In&motion support service: horsesupport@inemotion.com

Stay tuned!

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The HORSE-RIDING IN&MOTION AIRBAG VEST is designed to be **used for horse-riding only.**

Do not use for other applications (skiing, motorcycling, bicycling, ski freestyle, ...).



The use of this product shall not encourage to overpass limits or to take more risks.

Before using your product, please read carefully the safety instructions included in this manual and all other instructions designated to correctly use the product.

HORSE-RIDING IN&MOTION AIRBAG VEST user manual

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Airbag Vest's package

Product reference:
HORSE RIDING IN&MOTION AIRBAG VEST



First use : getting started

#1 Fix the strap to the saddle

Remove the stirrups first. Pass the saddle strap loops into the stirrup bars and set up back the stirrups. Make sure that the saddle strap is tight enough. Once the strap is installed on your saddle, there is no need to remove it and it can stay there all the time.

#2 Adjust the saddle strap length

The saddle strap needs to be fully stretched when you stand up on your horse.

Adjust the length of the saddle strap by sliding the two strap loops.



Make sure that the saddle strap is tight enough to deploy the airbag correctly.



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#3 Wear your vest



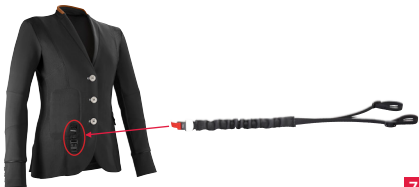
The IN&MOTION AIRBAG VEST shall be worn under HorsePilot compatible vests or jackets. The airbag system is linked with compatible product thanks to zippers in the front. Be sure the size is adjusted and fits you well.

#4 Fix the saddle strap to your airbag vest

In order to fix the saddle strap to your airbag vest, clip the automatic lock system (red lock) directly on your vest.

This patented magnetised lock system is easy to attach and unattach from your vest and can stay on your saddle all the time so there is no need to keep a strap on your vest.

Don't forget to pull-out the saddle strap when getting down from the horse to avoid the airbag activation.



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General presentation

#1 The Airbag Vest, for who?

The In&motion airbag vest was designed to be adapted to everyone and can be integrated under several different Horse Pilot products : a training jacket, the Aerotech competition jackets and a softshell.* The goal was to combine convenience, styling and safety while reducing the constraint related to the airbag.

Five sizes are available :

In&motion vest	XS	S	M	L	XL
Women	34-36	38-40	42-44	-	-
Men	-	44	46-48	50-52	54-56

* to be continued with more compatible products in the future.

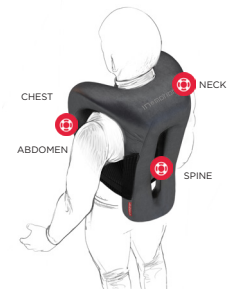
#2 The concept

The HORSE-RIDING IN&MOTION AIRBAG VEST protects from serious injuries due to major falls.

The goal is to provide the best protection system for horseriders. This solution relies on a mechanical triggering airbag.

#3 Protection zones

Once inflated, the airbag protects vital body areas: **abdomen, chest, neck, shoulders and back.**



 The protection is guaranteed only with the airbag inflated

#4 Package contents

Saddle strap

The saddle strap has to be installed to the saddle. The automatic lock system consists in 2 part: one attached on the saddle, the other one attached to the system on the jacket.



Inflator and Recharge

The system is composed by an inflator that triggers the gas released by the recharge.

USE ONLY IN&MOTION GENUINE GAS RECHARGE

Warning! Use with care

Keep it at temperature not exceeding 45°C (113°F). Do not repair. Do not drill. Do not refill. Do not dismantle. Do not test with any electrical equipment. Recycle after use. Check weight yearly : 202 g (+/- 3g)

The inflator has been designed to be more ergonomic : flat and body shaped, it is placed under the vest or competition jackets.

Allen Key

An Allen key is provided with this user manual to replace the inflator recharge by a new one after an activation.



Inner vest



The Inner vest is zipped under the HorsePilot vest or competition jacket and contains the airbag system. It contains the airbag bladder.

The airbag vest was designed to integrate 2 optional items:
a back protector or **a waterbag** in order to meet all the horserider's needs.

#5 HorsePilot Compatible Vests

The HORSE-RIDING IN&MOTION AIRBAG VEST is designed to be worn under various products of HORSE PILOT range such as vests or jackets:

All the compatible vests can be identified by a label :
IN&MOTION COMPATIBLE.

Check on HORSE PILOT website the list of compatible products.

The inner vest needs to be zipped inside the compatible vest or jacket thanks to a zip integrated inside these jackets.



The airbag shall be worn under compatible jackets only. It cannot be, in any case, worn without a compatible jacket.

Re-activation after deployment

#1 Replace the inflator recharge

If your airbag has been deployed (and the bladder has been inflated), the recharge has to be replaced by a new one.

Only recharges provided by In&motion and its resellers are certified. Don't use other references.

To buy a new recharge, you can order on www.inemotion.com or go to your closest reseller.

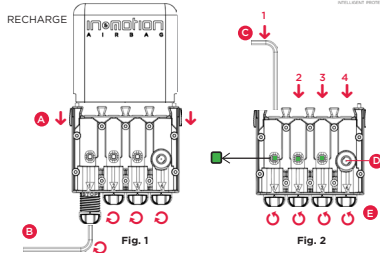
Warning ! Use with caution.

To replace it, watch tutorial on www.inemotion.com or follow the instructions on the label inside your airbag vest (here enclosed).

When it's empty, the inflator is recyclable like any other scrap metal.

How to Replace your Recharge

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- A** Always change your recharge in a clean environment
- A** Remove the recharge by pressing downward on the two side buttons (Fig. 1)
- B** Unscrew the 4 screw caps using the tool until you see the STOP (Fig. 1)
- C** Push the 4 internal pistons back with the tool until the square holes are fully green. **Follow the order indicated : 1 - 2 - 3 - 4 (Fig. 2)**
- D** Place the key ball in the **piston hole** making sure that it's well inserted into the piston hole (Fig. 2)
- E** Screw the 4 screw caps back, starting by the n°4 (Fig. 2)
- F** Replace the new recharge by clipping it over the bottom part.

Check our tutorial ([Youtube In&motion](#)), contact us at horsesupport@inemotion.com

Maintenance

After a deployment, check the following points before reusing your airbag:

- Check the integrity of the inner vest's fabric
- Check the integrity of the inflator's plastic
- Empty the air in the jacket by squeezing the air out

Whenever there is a state of error or any other anomaly, do not use the HORSERIDING IN&MOTION AIRBAG VEST and contact the Customer Service.

Even if the system functions correctly, it must be maintained by In&motion **after 5 triggers** and after 3 years from the date of manufacture indicated on your HORSERIDING IN&MOTION AIRBAG VEST.

Example: S/N 1708 > Produced on August 2017

You can order the maintenance directly on our website www.inemotion.com

Warnings

Please, read the following instructions of use

Use of the HORSE-RIDING IN&MOTION AIRBAG VEST

The HORSE-RIDING IN&MOTION AIRBAG VEST is a new, device to be used for horse-riding only. Do not use for any other activity.

Horse-Riding is an intrinsically dangerous activity, which may result in personal injury or death. This product is conceived to offer comfort and high protection, though no product or protection system can offer complete protection from injury or damage to individuals or property in case of fall, collision, impact, loss of control or otherwise. The use of this product shall not encourage to overpass limits or to take more risks.

Any modification or incorrect use can critically reduce its performance. Only parts of the body covered by the protection are protected against impacts.

The HORSE-RIDING IN&MOTION AIRBAG VEST cannot in any way be considered as a substitute for protective equipment such as helmets, back protector or others.

Fittings instructions

To make the best use of its functionalities, the HORSE-RIDING IN&MOTION AIRBAG VEST must be installed and worn correctly, covering the protected area effectively. To obtain maximum protection and comfort, select the correct size and make sure that the product fits tight to your body. Close all the zippers and other fasteners carefully to prevent unwanted slipping and ensure maximum comfort.

Maintenance

The HORSE-RIDING IN&MOTION AIRBAG VEST is subject to wear based on effective conditions of use.

Following a shock, protective pads, or airbag system can be partially destroyed having absorbed the energy of the impact to reduce its force. Please check your protective gear regularly before using in order to verify it's in good condition and not damaged. If there is any sign or suspicion of damage, contact the customer service. Material properties may change over time.

Never modify your HORSE-RIDING IN&MOTION AIRBAG VEST or its components in any way. Modification of any nature could compromise its functionalities and consequently its protective functions in the case of a fall or accident.

Never add decorations, ribbons or patches above the airbag positioning area.

The HORSE-RIDING IN&MOTION AIRBAG VEST components can be modified only by In&motion.

Other precautions

Do not forget to pull out the strap before getting down from the horse to avoid the airbag activation.





Do not leave the HORSE-RIDING IN&MOTION AIRBAG VEST close to inflammable surfaces or objects.

The In&motion system can be used in rain conditions but the inflator cannot be in contact with rain.

The system should be used exclusively within a temperature range between 0°C and 70°C. Prolonged exposure of the system to temperatures outside this range may compromise its correct functioning.

Keep children away from the system in order to avoid all possible risks. Minimum age requirement for using this product: 12.

Do not clean the HORSE-RIDING IN&MOTION AIRBAG VEST in a washing machine or by hand.

			
Only dry washing	Do not use detergent	Do not use iron	Do not use drying machine

Do not drill, cut or interfere with the integrity of the gas inflator and recharge or any part of the jacket in any way. Always store the HORSE-RIDING IN&MOTION AIRBAG VEST in a dry ventilated place and away from light.

This device is using under pressure gas, do not undo or interact with gas inflator unless following In&motion instructions.

The use of the RPG IN&MOTION AIRBAG VEST is not recommended for:

- people who wear pacemakers or other medical devices should not use the system as electric disturbance might interfere with correct operation of these devices,
- people with back or neck problems,
- pregnant women.

General information

Warranty

By IN&MOTION

In&motion warrants that the airbag system is free of manufacturing defects in material and workmanship when it is delivered to our dealers. Unless otherwise stipulated by local law, this warranty is limited to 2 years from the date of purchase and is limited to the original purchaser.

This warranty does not apply in the event of abuse, negligence, carelessness or modification, improper transport or storage, improper installation and/or adjustment, misuse, or if the airbag system is used in any way other than is intended and not in compliance with the present manual.


Do not repair or replace with any part or accessory other than original In&motion parts and products covered by the terms of this warranty.

This warranty takes precedence over any other agreements or warranties, general or special, expresses or implied.

In&motion makes no other expressed warranties, except as otherwise specifically stated. In&motion waives all responsibility for any third party for consequences that might result from the use or handling of any In&motion product by any legal or natural person.

Sizing

If necessary, refer to the following table to help choose your basic size.


In&motion vest	XS	S	M	L	XL
Women	34-36	38-40	42-44	-	-
Men	-	44	46-48	50-52	54-56
Distance between waist & shoulder 	35-40 cm	35-40 cm	40-45 cm	45-48 cm	45-48 cm

Notified body

Airbag system tested by the following laboratory:
CRITT SPORTS LOISIRS-21 rue Albert Einstein-Zone du Sanital-86100 CHÂTELLERAULT- FRANCE-n°0501.

Declaration of conformity

In&motion under their sole responsibility confirms that the product described in this user guide complies with CRITT testing method and protocol.

	CE marking to indicate that the impact protector complies with the requirements of Directive 89/686/EEC
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Product recycling

At the end of this product's life, please do not dispose of this product in your general household waste. Instead, in order to prevent possible harm to the environment or human health from uncontrolled waste disposal, please dispose of this product separately in accordance with your local laws and regulation. For more information on the separate collection systems for waste electrical and electronic equipment that are available for consumers, near your home, free of charge, please contact your local municipality authority. You can also contact the retailer from which you purchased your airbag – he might have put in place recycling services or he may be part of a specific recycling scheme.

Registered trademark

In&motion[®] is a trademark owned by In&motion
HorsePilot[®] is a trademark owned by HorsePilot

Disclaimer

Information, pictures and drawings of this user manual may be subject to change without prior notice.



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