

Instruction for Use – Replacement Component

CLS Harness Kit (Part of the CLS Upgrade Kit)

1. Product Identification

Product name: CLS Harness Kit

Product type: Replacement component for the CLS Upgrade Kit

Manufacturer: Inshore Safety Kft.
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www.inshoresafety.com

2. Intended Use

The CLS Harness Kit is a **replacement component** of the **CLS Upgrade Kit**. It is designed to be used **exclusively** as part of the CLS Rescue System, together with:

- a compatible throwable life-saving device (horseshoe buoy or ring buoy), and
- CLS rope assembly.

The harness is intended to:

- provide a secure attachment interface between the buoy and the CLS rope assembly,
- distribute towing loads over the buoy surface,
- improve grip and throwing ergonomics,
- provide dedicated mounting points for CLS accessories.

3. Product Variants

CLS Harness Kit – Lifebuoy version

- Plastic insert contoured for toroidal (ring-shaped) buoys
- Product code prefix: **IS-HNK-R-**...

CLS Harness Kit – Horseshoe buoy version

- Plastic insert contoured for curved flat surfaces
- Product code prefix: **IS-HNK-H-**...

4. Compatibility

Compatible with the CLS Rescue Line Kit and most standard-sized ring and horseshoe lifebuoys commonly used on recreational and professional vessels.

⚠ Note:

Due to variations in buoy shape and construction, compatibility with **all** commercially available buoys cannot be guaranteed. Always verify correct fit and secure attachment to the connected parts before first use and after reinstallation.

5. Limitations of Use

⚠️ IMPORTANT

- This product is **NOT** a standalone life-saving appliance.
- This product **does NOT** function independently and is intended for use exclusively as part of the complete CLS Upgrade Kit.
- The harness must **never** be used for lifting or hoisting a person vertically.
- The harness is intended for **horizontal towing only**.

Improper use may result in loss of control, equipment failure, or delayed rescue.

6. Product Description

The CLS Harness Kit includes:

- Load transfer harness with integrated towing eye
- Strap handle for improved grip and throwing
- Adjustable hook-and-loop fastening straps
- Integrated pockets for CLS rope holder positioning
- Plastic load-distribution insert

All components are designed for marine environments and repeated rescue operations.

7. Installation Instructions

1. Insert the plastic insert through the opening in the harness and position it symmetrically.
2. Thread the straps of the storage pockets through the appropriate openings in the plastic insert so that the pockets open upwards, and they are positioned on the same side as the webbing handle.
3. Carefully compress the plastic insert and place the harness into the inner curve of the rescue device.
4. Secure the harness tightly around the rescue device, ensuring that the hook-and-loop fastener is routed underneath the webbing handle. The hook-and-loop fastener must overlap onto the rear surface of the rescue device by at least 50%. Verify that the fastener is fully and securely closed along its entire length.
5. Secure the storage pockets tightly around the rescue device. The hook-and-loop fasteners must overlap by at least 5 cm (2").
6. Ensure that:
 - the harness does not twist,
 - the hook-and-loop fastener is routed underneath the webbing handle,
 - all straps are fully closed over their entire surface.

After installation, perform a **manual pull test** to confirm secure attachment.

8. Safety Highlights – Read Before Use

⚠ SAFETY INFORMATION

- Always ensure correct fastening before use. Insufficient hook-and-loop closure may cause loss of connection during rescue.
- Use only with compatible buoys and CLS components.
- Inspect the harness before each use for visible damage or excessive wear.
- Do not modify the harness or any of its components.
- Follow all applicable maritime safety regulations and good seamanship practices.
- In emergency situations, the product may be used by persons without prior training, provided that the Instructions for Use are followed to the best of their ability.

9. Inspection and Maintenance

- Inspect monthly and before any planned or non-emergency use.
- Check:
 - strap integrity,
 - hook-and-loop fastening strength,
 - towing eye condition.
- After use in salt water, rinse thoroughly with fresh water and allow to air dry.
- Do not use high-pressure washers or aggressive chemicals.

10. Replacement and Service Life

The harness is a **wearing component**. Replace the harness immediately if:

- straps show tearing or significant abrasion,
- hook-and-loop fastening strength is noticeably reduced,
- structural components are damaged or deformed.

Use beyond the recommended service life may reduce safety performance. The expected service life depends on frequency of use, environmental exposure, and maintenance.

11. Relationship to CLS Upgrade Kit Documentation

This replacement component is assessed and covered as part of the CLS Upgrade Kit system. Product safety, risk assessment, and conformity are addressed within the technical documentation of the CLS Upgrade Kit, including the *Product Safety & Risk Assessment Declaration – CLS Harness Kit (Replacement Component)*, which confirms that no additional hazards are introduced when the component is used as intended.

For full system description, safety information, and operating instructions, refer to:

Instruction for Use – CLS Upgrade Kit

12. Manufacturer's Limited Warranty

- This replacement component is covered by a limited manufacturer's warranty against material and manufacturing defects for a period of 12 months from the date of purchase.
- The warranty applies only when the product is used as part of a compatible CLS Upgrade Kit, installed according to the Instruction for Use, and maintained as specified.
- The warranty does not cover normal wear and tear, UV-related discoloration, misuse, improper installation, modification, use with incompatible devices, or damage resulting from external forces or environmental conditions.
- This warranty does not affect statutory consumer rights applicable in the country of purchase.

13. Disclaimer

The manufacturer assumes no responsibility for damages arising from:

- use outside the intended scope,
- incompatible equipment,
- improper installation,
- modification of the product.

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