Installation Instruction for Liferaft

Container in cradle

V-MI- 0138

Square container model

016-0014 + 016-0015
016-3301 + 016-3300
016-0009 + 016-0011

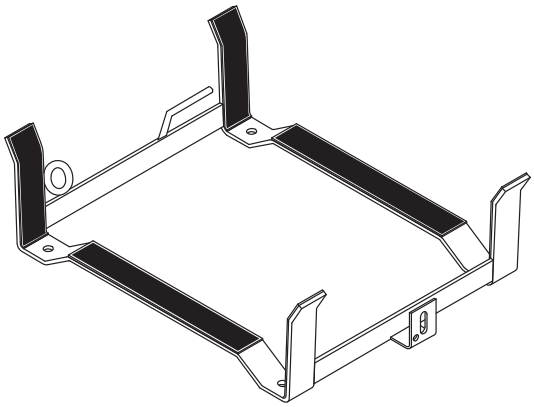
Parts required for installation

A: 4 M10 bolts
B: 4 M10 nuts
C: 8 Washers

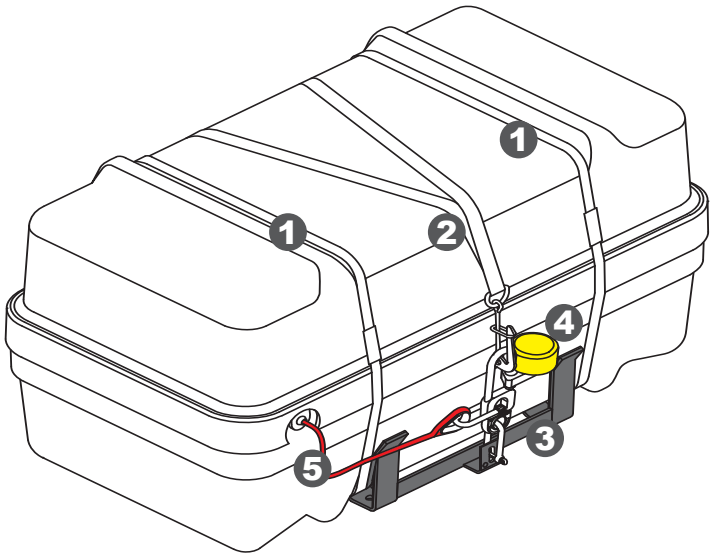
HAMMER release unit

SeaMate release unit

Cell rubber on all surfaces facing the container

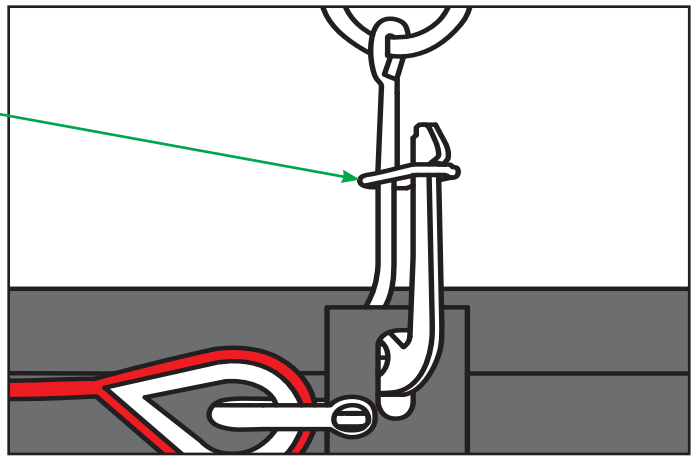


With HAMMAR or SeaMate hydrostatic release unit



1. 2 Container closing bands
2. Lashing strap
3. Cradle
4. HAMMAR or SeaMate release unit
5. Painter line

The ring in the pelican hook must be in the top as shown on the picture.



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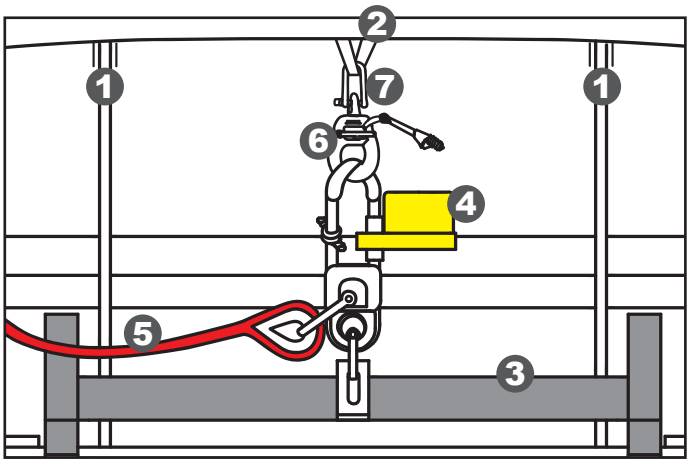
Installation Instruction for Liferaft

Container in cradle

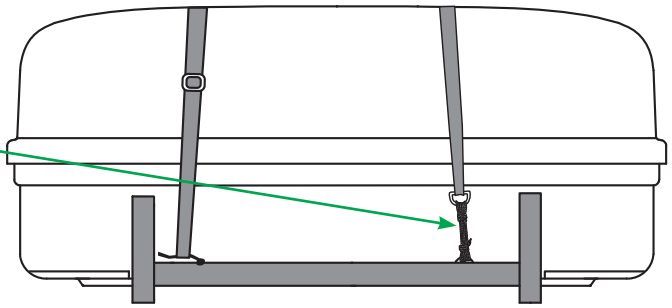
V-MI- 0138

Lashing with HAMMAR HRU and slip hook

1. 2 Container closing bands
2. Lashing strap
3. Cradle
4. HAMMAR or SeaMate release unit
5. Painter line
6. Slip hook
7. Shackle



Lashing seen from back side



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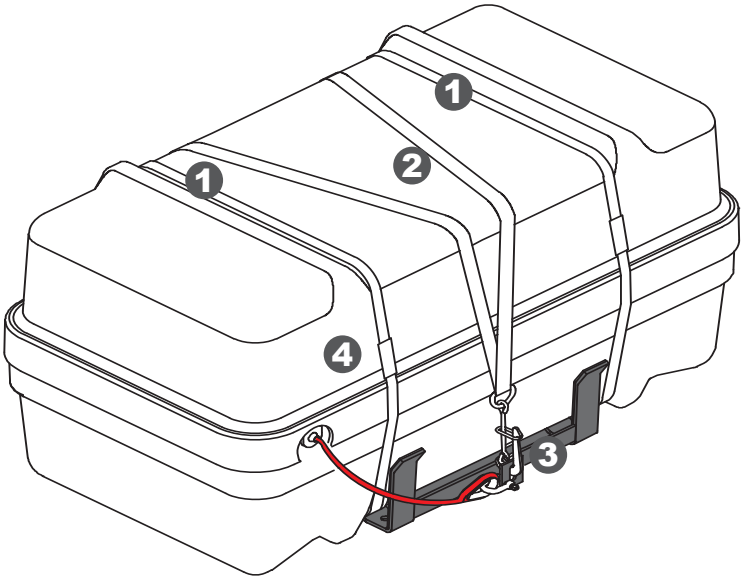
Installation Instruction for Liferaft

Container in cradle

V-MI- 0138

Without hydrostatic release unit

1. 2 Container closing bands
2. Lashing strap
3. Cradle
4. Painter line



General installation guide lines:

Place the container so that the raft´s painter can be operated from the deck (deck side). When positioning the container on the deck, ensure that release of the raft is not impeded, i.e. there must be unimpeded access to the raft's painter.

If the container in cradle is delivered without hydrostatic release unit, and if the painter is not fastened to the cradle with a shackle, the painter must be fastened to the cradle or a fixed point on the deck (approx. 0.8 metre away from the container), possibly by means of one shackle.

Installation

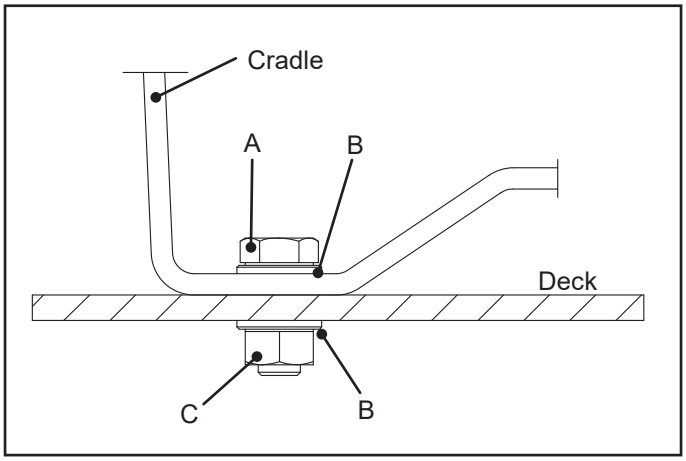
Install the container in cradle on the deck by means of either bolting or welding.

Where it is not possible to instal the container right on the deck it can be installed on specially made profiles.

The raft can possibly be dismounted from the cradle in order to make room for bolting or welding the cradle to the deck or special profile.

Release the container from the cradle by opening the slip hook which is mounted in the hydrostatic release unit (HRU).
Dismount the painter from the cradle by opening the shackle that fixes it to the HRU.

Bolt down the cradle as shown in fig. 3.
Upon bolting or welding of the cradle, remount the container in the cradle by mounting the slip hook in the HRU and fit the painter in the HRU by means of the shackle.



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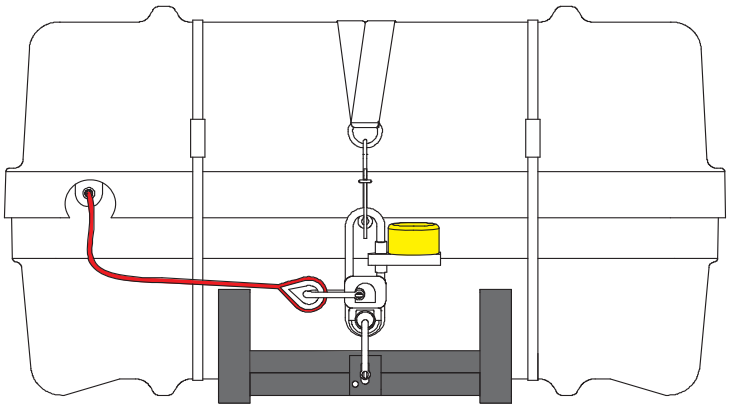
Installation Instruction for Liferaft

Container in cradle

V-MI- 0138

Bolting
Bolt down the cradle by means of six M8 bolts, nuts and twelve washers, see fig. 3.

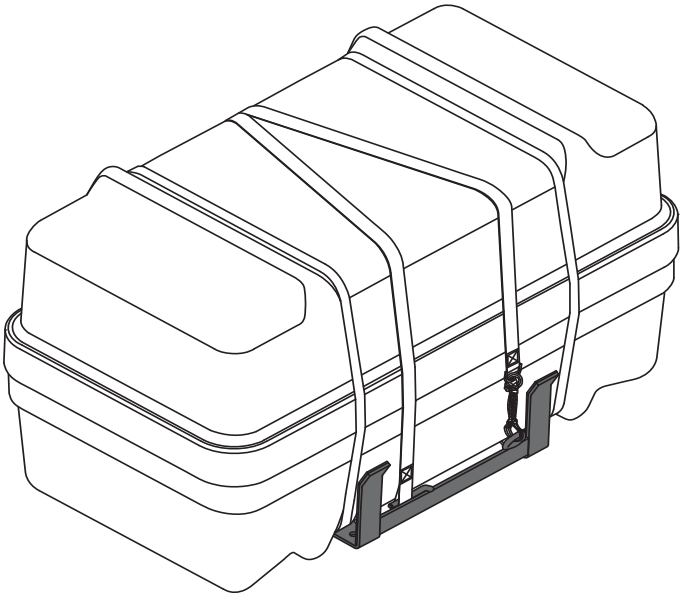
If the cradle is bolted down, the bolts must be retightened regularly to avoid that the cradle comes loose because of the vibrations of the vessel.



Welding
Weld the cradle to the deck with full welds along the edges which are in contact with the deck or the specially made profiles.
For a key to the letters used in fig. 3, please see overleaf.

Positioning

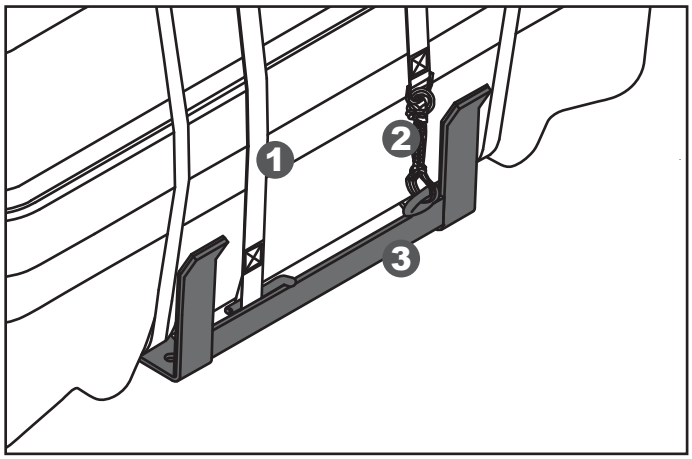
- If container closing bands are squeezed by cradle, they should be pulled clear.
- To avoid complication during deployment, liferafts should not be blocked by chains, railing or similar.



Lashing

- Lashing should always be centered to ensure a straight pull, and should always be tightly fastened.
- Release hook should be installed easy to reach and operate.

Lashing seen from back side of cradle



1. Lashing
2. Lacing
3. Cradle

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Installation Instruction for Liferaft

Container in cradle

V-MI- 0138

Square container model

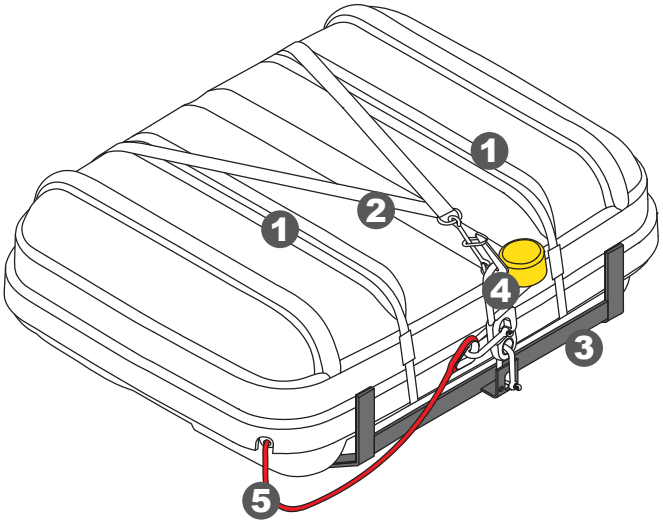
016-3000
016-3100
016-3200

Parts required for installation

A: 4 M8 bolts
B: 4 M8 nuts
C: 8 Washers

With HAMMAR or SeaMate hydrostatic release unit

1. 2 Container closing bands
2. Lashing strap
3. Cradle
4. HAMMAR or SeaMate release unit
5. Painter line



Without hydrostatic release unit

1. 2 Container closing bands
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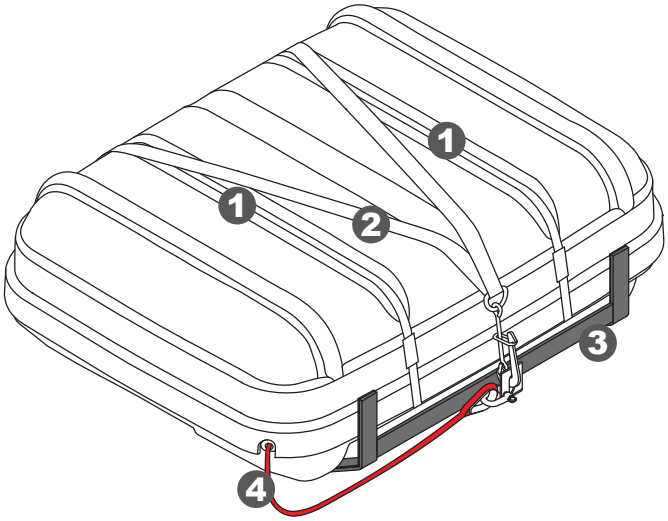

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Installation Instruction for Liferaft

Container in cradle

V-MI- 0138

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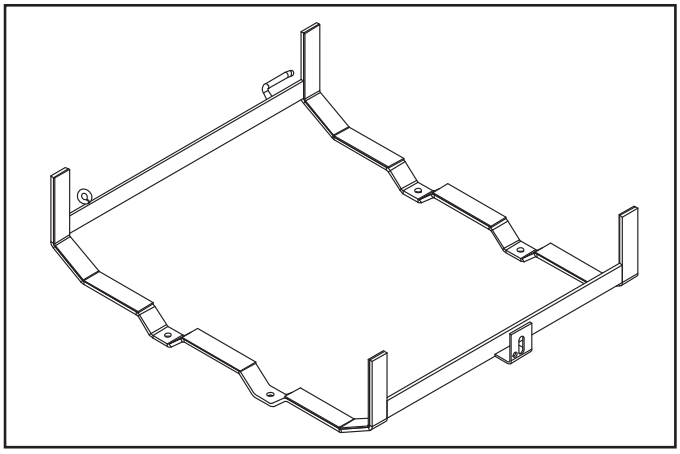

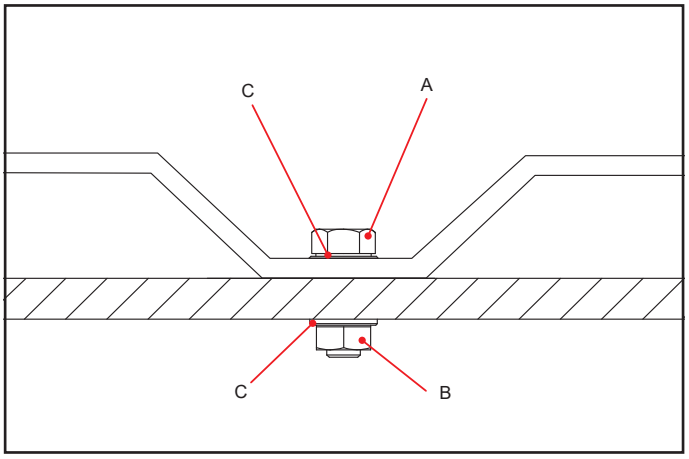

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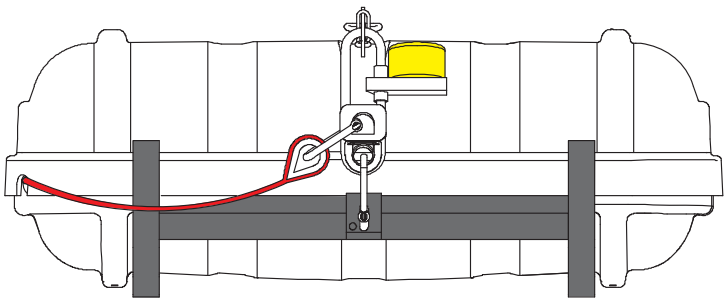

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Installation Instruction for Liferaft

Container in cradle

V-MI- 0138

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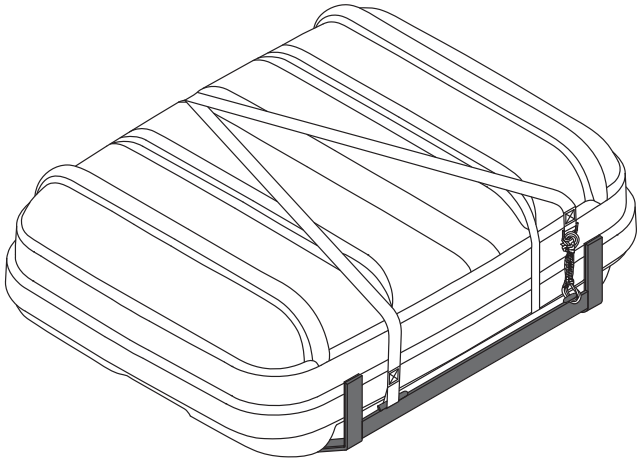
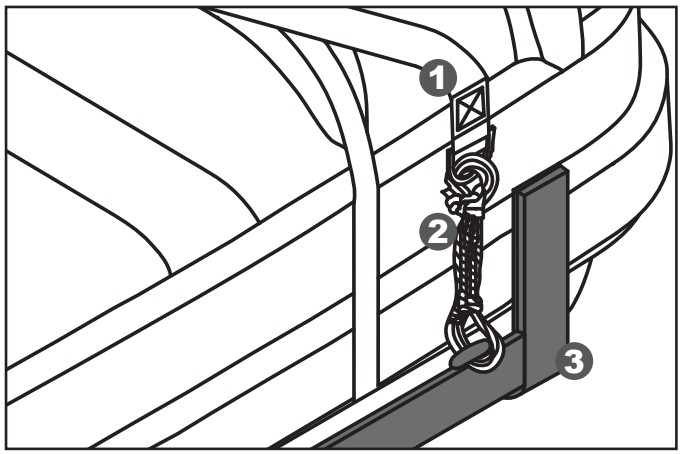


Lashing seen from back side of cradle

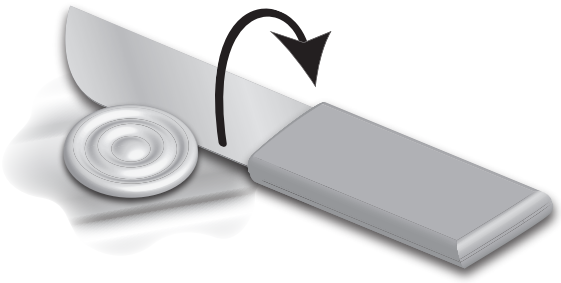


1. Lashing
2. Lacing
3. Cradle

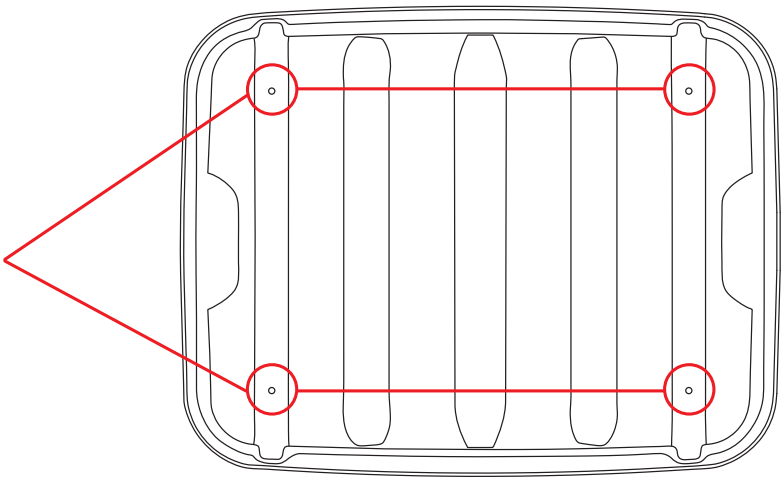
Drain Plug

Your VIKING VL life raft must remove 4 plastic plugs from the drain holes on the long side of the container or on its under side in order to create drains in the container. Drain holes enable condensed water to get out of the container.

Removal of Drain Plugs Before Mounting Your VIKING VL Life Raft by means of a knife.



Container Secured/Fastened to the Deck.
If the container is mounted to the deck 4 drain plugs from its under-side must be removed.



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Maintenance of Hooks and Lashing

This instruction is to help to control and maintain lashings of liferafts, that are not part of the Marine Evacuation System.

Lashing

The lashing of liferafts should be tight. Over the years they can start to rot, therefore you might have to change these.

Lashings have an approximate lifetime of 10 years. Lashings produced from 2018 forward are marked with expiration date, making it easier to plan replacement.

Lashing

Hook

VIKING has two types of hooks, Pelican hooks and Slip hooks.

Both can be maintained by greasing with GREASE OMEGA 66, Material no.1012028 or Anti-corrosion wax based treatment advised by VIKING. Long-time protection of steel parts. Apply the corrosion protection on the surface with a brush. Wipe off all excessive wax without removing the wax from moving parts.

Ensure to replace when corrosion is observed, or let it be fixed by the servicing station, when liferaft is in for service.

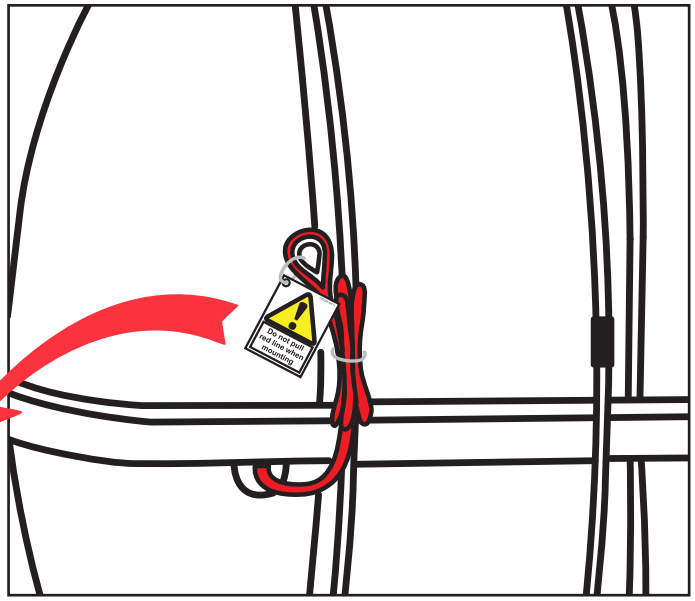
All spare parts can be purchased through the VIKING Servicing Network.

Pelican hook

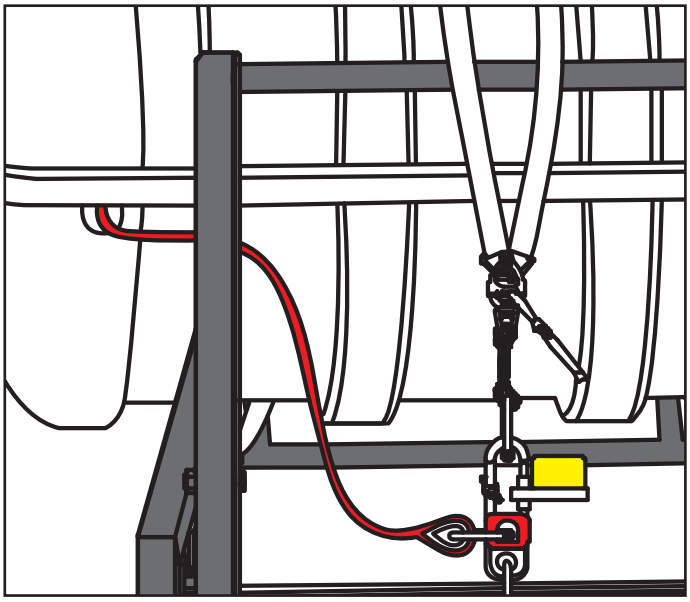
Slip hook

Container in cradle

Sign - Do not pull red line when mounting



This sign must be removed after installation on ship.



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