

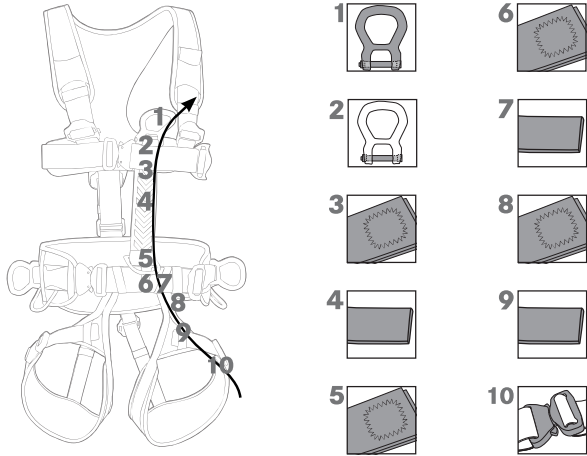
INSPECTION INSTRUCTION

1. HARNESS

applies to EN 12277, EN 361, EN 813, EN 1497, EN 1498, EN 358

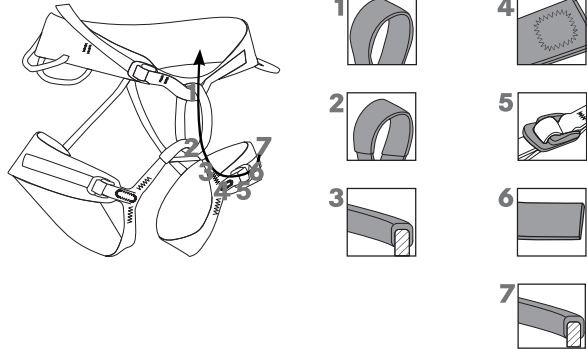
Force flow for occupational safety harnesses

Example: Flex Tower, Edelrid



Force flow for sport harnesses

Example: Wing, Edelrid



LABELLING

Labelling is available, clearly legible; max. lifespan has not been exceeded.



Labelling ok

Inspection of the labelling includes as follows:

1. Product identification;
2. Date of manufacture



The manufacturer's user manual (UM) for the product includes its service life and usage period which must be checked.

ELEMENT OK

Labelling is not available and/or the max. lifespan been exceeded.



Not available



Not legible



Lifespan exceeded



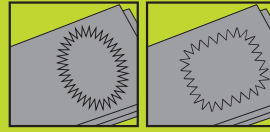
The product may not be returned for use without legible labelling.

WITHDRAW PRODUCT

STITCHING

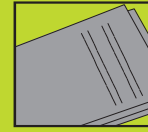
Bartack

Computer-controlled (zigzag) stitching is the load-bearing link between textile components. Bar tack stitching generally has a contrasting colour and always has a contrasting surface texture to the background.



Stitching

To connect textile elements. Stitching is often not a load-bearing connection. However, damaged stitching can still effect the safety of a product.



Visual inspection

The stitching is neat, smooth; there are no loose threads.



both pictures: Load-bearing bartack Lockstitch

ELEMENT OK

Visual inspection

Threads pulled, thread loops; this can be repaired by trained personnel



Single missing stitch (if unsure contact manufacturer)



End of stitching loose

See Repair Instructions
STITCHING

DOCUMENT

Visual inspection

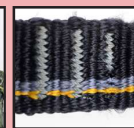
Stitching shows signs of intensive use and clear signs of damage. Product must be withdrawn.



Numerous loops pulled



Paint/chemicals



Numerous stitches missing



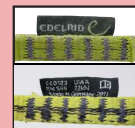
Abrasion



Cut



Loose rope stitching



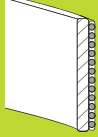
Discolouration

WITHDRAW PRODUCT

TAPE

Laminated padding

The load is evenly distributed over the whole area of the padding by load-bearing fabric on the inside of the padding.



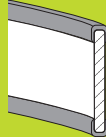
Sandwich design

The padding distributes the load around the whole width of the harness using a thin section of webbing which also encircles it.



Load-bearing edge binding

The force is distributed completely by the edge-binding. The padding keeps the shape of the edge binding.



Visual inspection

Webbing is in good condition, smooth and shows only minor signs of wear.

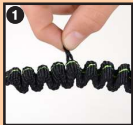


E.g. Tubular tape E.g. Flat tape E.g. Edge binding

ELEMENT OK

Visual inspection

Threads pulled; This can be repaired by trained personnel.



Threads pulled

→ See Repair Instructions
TAPE



Loops pulled from flat tape

→ See Repair Instructions
TAPE

DOKUMENT

Visual inspection

Tape shows clear signs of damage.



WITHDRAW PRODUCT

BUCKLE

Double pass buckle



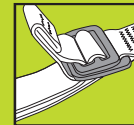
Clip-in buckle



Slide block buckle



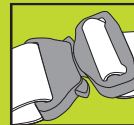
Stitched clip-in buckle



Easy glider buckle



Clip buckle



Visual-/functional inspection

Buckles are intact



Clip buckle Slide block buckle Clip-in buckle



Can be adjusted



Clamping action works



Clamping action works

ELEMENT OK

Visual-/functional inspection

Buckles are hard to user and are threaded incorrectly. This can be repaired by trained personnel.



Hard to use

→ See Repair Instructions
BUCKLES



Buckle threaded incorrectly

→ See Repair Instructions
BUCKLES

DOKUMENT

Visual-/functional inspection

Buckle shows clear signs of damage. Impossible to use correctly.



Paint Corrosion Creased where threaded



Burrs/sharp edges



Deformation



Very stiff to use



Webbing strap can be pulled through buckle



Webbing termination missing

WITHDRAW PRODUCT

FITTINGS

Not labelled with CE mark and standard



D-RING



SCREW D-RING

Labelled with CE mark and standard



CONNECT-O



CARABINER



CARABINER



MILLER REVOLUTION

Inspection required according to corresponding user manual and inspection instructions

Visual-/functional inspection

Fittings show signs of wear, but have no sharp edges, corrosion and/ or rust. Function not restricted, all joints open easily.

PRODUKT OK



· Document inspection

· Approve product for further use

Products with bolts, which may be opened by the user according to the manufacturer, must be inspected to ensure correct torque.

Functional inspection

Joints and axles are stiff, but can be cleaned and oiled so that they work more easily.
Bolts are damaged or cannot be tightened with the correct torque.



Hard to use

See Repair Instructions
BUCKLES



Incorrect torque

Replace bolt with original
part from manufacturer

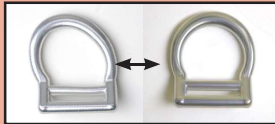
DOCUMENT

Visual-/functional inspection

Irreparable damage.



Corrosion



Deformation



Burrs/sharp edges



Paint



Mechanical function
impaired

WITHDRAW PRODUCT