Inspection procedure

• In addition to routine checks for each use, PPE should regularly undergo a detailed inspection by a competent person.
Petzl recommends an inspection every 12 months and after any exceptional event in the life of the product.
• PPE inspection should be done with the manufacturer's instructions available for reference. Download the instructions at PETZL.COM

ZILLON

1. Known product history

Any PPE showing unexpected degradation should be quarantined, pending a detailed inspection.

The user should:
- Provide precise information on the usage conditions.
- Report any exceptional event regarding his PPE.
(Examples: fall or fall arrest, use or storage at extreme temperatures, modification outside manufacturer's facilities, etc.).

2. Preliminary observations

Verify the presence and legibility of the serial number and the CE mark.
Attention, the serial number code on our products is evolving. Two types of code will coexist.
See below for details on each serial number code.

Code A:

00 000 AA 0000

Year of manufacture
Day of manufacture
Name of Inspector
Incrementation

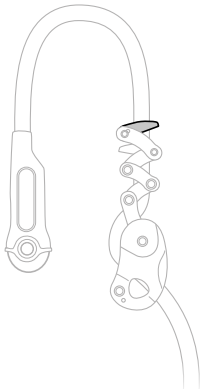
Code B:

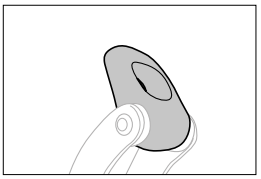
00 A 0000000 000

Year of manufacture
Month of manufacture
Batch number
Incrementation

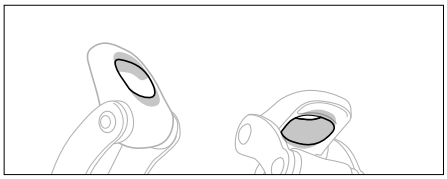
Verify that the product lifetime has not been exceeded.
Compare with a new product to verify there are no modifications or missing parts.

3. Checking the release lever

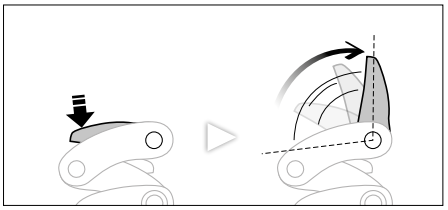




• Check the condition of the release lever (marks, deformation, fouling, cracks...).

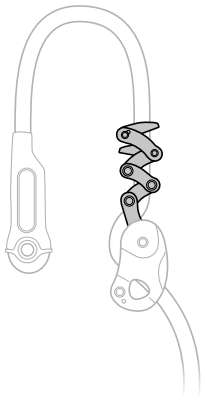


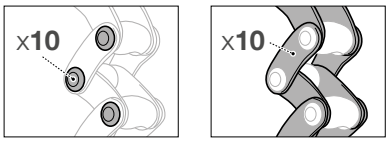
• Check for wear caused by rope running through the device. If there is significant wear, do the rope grabbing test detailed in step 8.

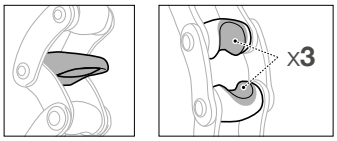


• Check the effectiveness of the return spring.

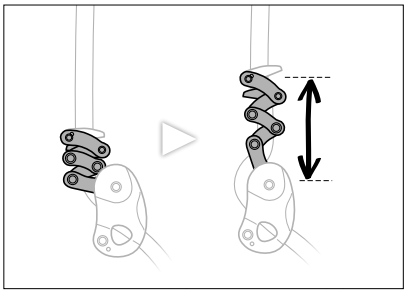
4. Inspecting the friction chain



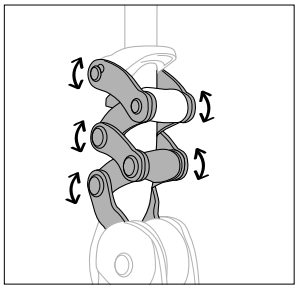




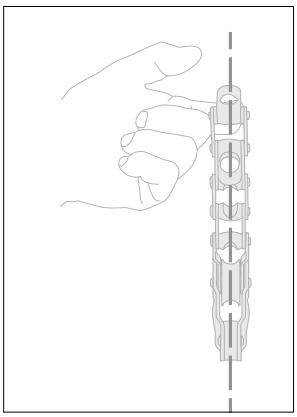
- Check the condition of the friction chain elements:
- Rivets (cracks, deformation, corrosion...)
- Links (cracks, deformation, corrosion, fouling...).
- Release lever (wear, deformation, corrosion, fouling...).
- Bars (wear, deformation, corrosion, fouling...).



• Verify that the friction chain extends and compresses freely. If necessary, clean with soap and water and lubricate lightly (ex. graphite powder).

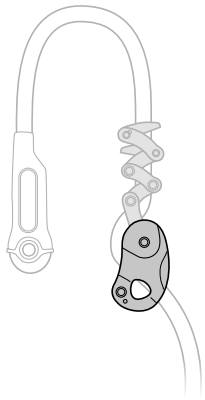


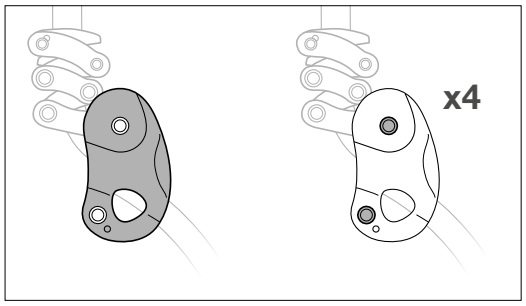
• Inspect each link individually to verify that they turn smoothly without catching.



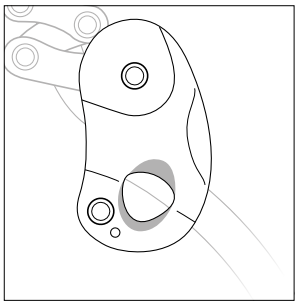
• Verify that friction chain elements and the frame are in alignment.

5. Inspecting the frame and the sheave

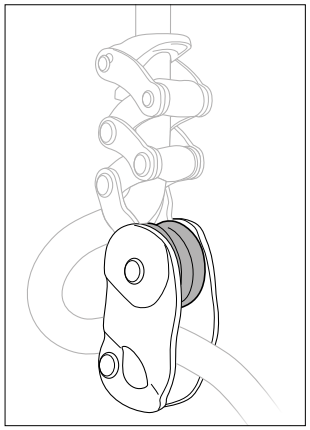


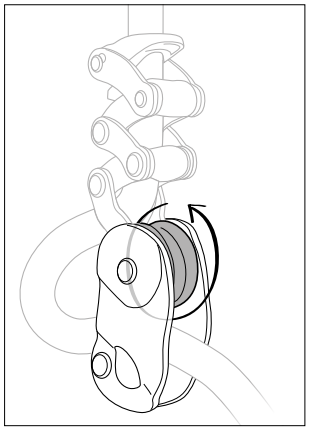


• Check the condition of the frame and rivets (marks, deformation, cracks, corrosion, lack of play...).



• Check the edges of the attachment hole for wear caused by connectors.

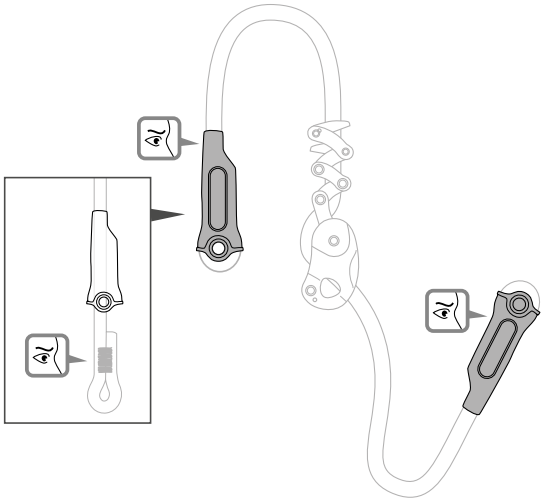




• Check the condition of the sheave (marks, deformation, corrosion, absence of foreign bodies...).

• Verify that the sheave turns freely.

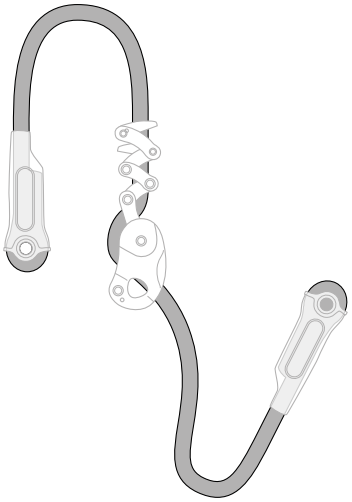
6. Checking the rope terminations

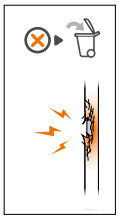


• Check the condition of the protective sheaths (cracks, deformation...).

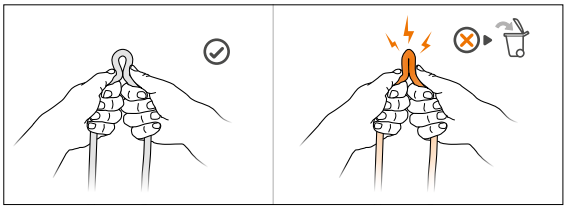
• Move the sleeve on the lanyard end to check the condition of the safety stitching. Make sure there are no cut, torn, loose, or worn threads.

7. Inspecting the rope



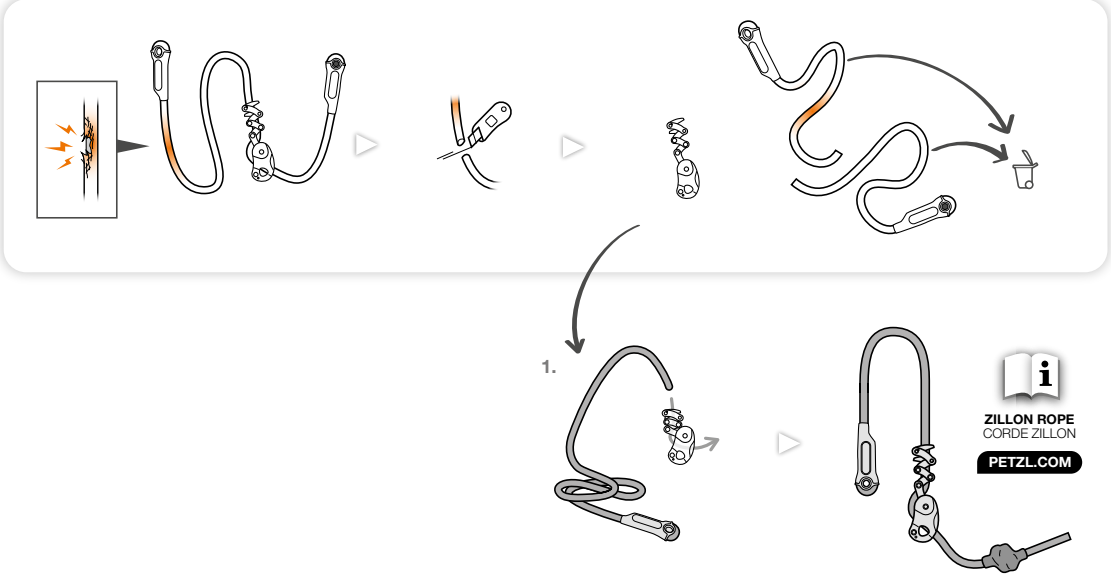


Check the condition of the sheath over the full length of the rope (cuts, wear, burns, fuzzy areas or signs of chemical damage...).



• Do a tactile inspection of the core for the full length of the rope (hard spots, swelling, soft or crushed areas...).

• If necessary, remove the rope and replace it with a Petzl L22R replacement rope for ZILLON lanyard. Follow the installation instructions in the Instructions for Use provided with the replacement rope.

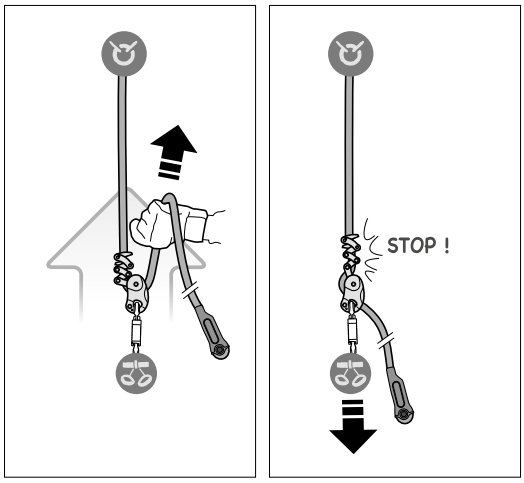


8. Function test: rope grabbing

Install your lanyard in single mode on an anchor at very low height.

• With your feet on the ground, verify that shortening the lanyard goes smoothly when the reserve rope is pulled forward.

• When hanging from the ZILLON in single mode, there should be no slippage.



9. Function test: release under load

Hang from the lanyard installed in double mode on an anchor at very low height.

• Verify that pressure on the release lever allows smooth sliding and control of the rope.