

- **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 conducted with the manufacturer's Instructions for Use.**

Download the Instructions for Use at [PETZL.COM](http://PETZL.COM)

## CONNECTORS



### 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...)

### 2. Preliminary observations

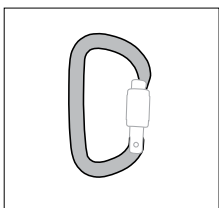
Verify the presence and legibility of the serial number and the CE mark.

Verify that the product lifetime has not been exceeded.

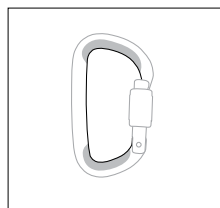
Compare with a new device to verify there are no modifications or missing elements.

### 3. Checking the frame

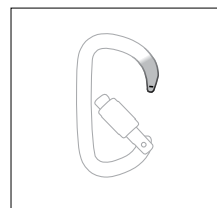
To properly inspect your connector, it must be removed from any device that conceals any part of the frame: lanyard, energy absorbing lanyard with STRING, TRAC pulley...



- Check the condition of the frame (nicks, wear, cracks, deformation, corrosion...).

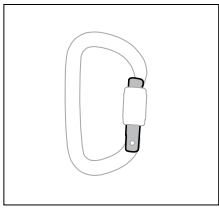


- Check for wear caused by rope movement, or by contact with anchors (depth of nicks: wear greater than one mm deep is serious, sharp edges start to form...).

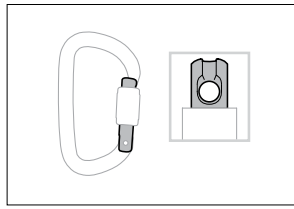


- Check the condition of the nose (nicks, wear, cracks, deformation...).

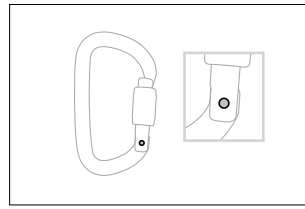
#### 4. Inspecting the gate (depending on connector model)



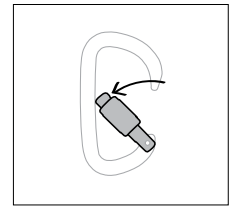
- Check the condition of the gate (nicks, wear, deformation, corrosion, cracks...).



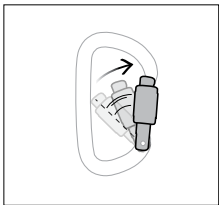
- Verify the Keylock hole is clear.



- Check the condition of the rivet (cracking, deformation, corrosion, etc.).

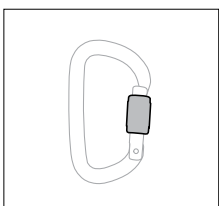


- Manually verify that the gate opens completely.

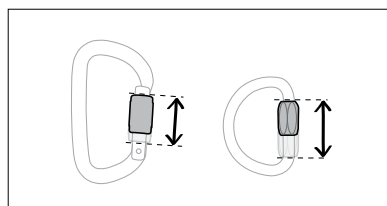


- Verify that the gate closes automatically, that the return spring works, and that the gate and nose align properly.

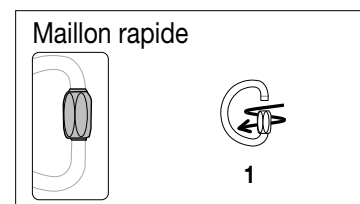
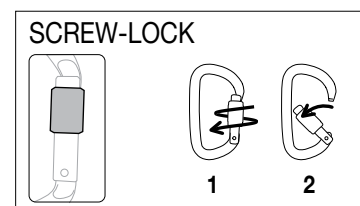
#### 5. Checking the manual locking sleeve (depending on connector model)



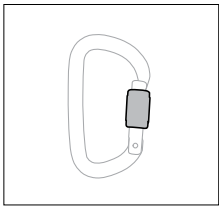
- Check the condition of the locking sleeve (nicks, deformation, corrosion, cracks...).



- Verify that the locking sleeve can completely lock and unlock the connector. If necessary, clean with soap and water and lubricate lightly (ex. graphite powder). Verify that the locking sleeve does not turn when in its normal stop position (i.e. stripped threads).

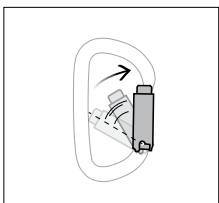
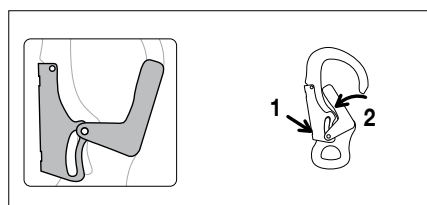
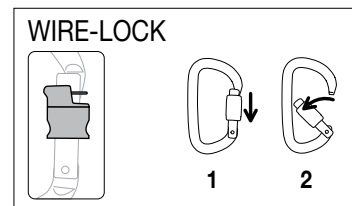
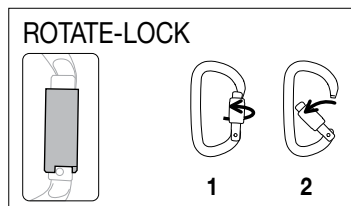
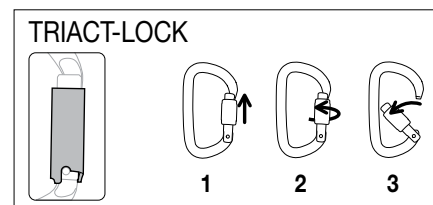
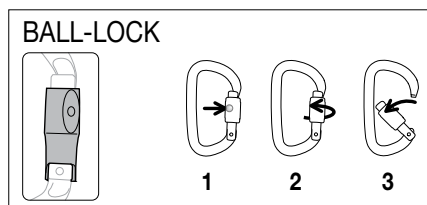


## 6. Checking the automatic locking sleeve (depending on connector model)



- Check the condition of the locking sleeve (nicks, deformation, corrosion, cracks...).

- Verify that the unlocking system works properly, according to the opening method described in your connector's instructions for use.



- Check that the connector locks automatically when you release the gate and the sleeve.  
If necessary, clean with soap and water and lubricate lightly (ex. graphite powder).

**Appendix 1. Examples of connectors that should be retired.**

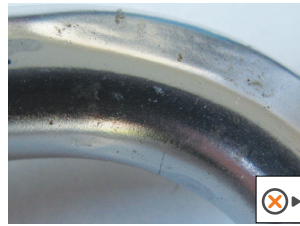
• Frame worn by the rope



• Nicked frame



• Cracked frame



• Deformed frame



• Corrosion



• Bad gate/nose alignment



• Defective return spring



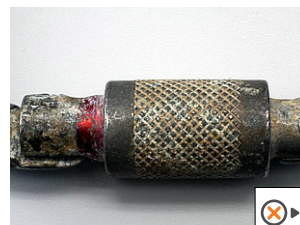
• Defective locking system



• Cracked gate



• Corrosion



• Worn gate and frame



• Broken locking sleeve

