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PETZL L52A003

PETZL GRILLON Lanyard L52A003 User Manual

Model: L52A003

1. INTRODUCTION

This manual provides essential information for the correct use, maintenance, and safety of the PETZL GRILLON adjustable lanyard. The GRILLON is designed for work positioning systems and to complement fall-arrest systems. It allows for quick installation of an adjustable anchor and precise length adjustment.

2. SAFETY INFORMATION

Important Safety Instructions

- Read and understand all instructions before use. Failure to follow these instructions can result in serious injury or death.
- This product is part of a personal protective equipment (PPE) system. It must only be used by competent persons or under the direct supervision of a competent person.
- Regular inspection of the equipment for damage or wear is crucial. Discard any damaged equipment immediately.
- Ensure compatibility with other components of your fall protection system.
- Do not modify the product.
- Always follow local regulations and standards for work at height.
- The GRILLON is not a fall arrest device. It must be used in conjunction with a fall arrest system.

3. PRODUCT OVERVIEW

Components

The PETZL GRILLON Lanyard consists of:

- Adjustable rope lanyard
- Self-jamming device for length adjustment
- Removable protective sheath
- Connectors (not included, but required for use)

Image: Diagram of GRILLON Lanyard components.

This image would typically show the main parts of the GRILLON lanyard, including the rope, the adjustment device, and the protective sheath, highlighting each component.

4. SETUP

Initial Setup and Connection

1. Connecting to an Anchor Point:

The GRILLON can be used to create an adjustable anchor. Connect one end of the lanyard to a suitable anchor point using a certified connector (e.g., carabiner). Ensure the connector is properly locked.

Image: GRILLON connected to an anchor point.

This image would illustrate how to properly attach the GRILLON lanyard to a secure, certified anchor point, showing the connector's correct orientation and locking mechanism.

2. Connecting to a Harness:

Connect the other end of the GRILLON lanyard to the ventral attachment point of your harness for single mode use, or to the lateral attachment points for double mode use, using appropriate certified connectors. Always double-check connections.

Image: GRILLON connected to a harness.

This image would show the correct connection points on a safety harness for the GRILLON lanyard, differentiating between ventral and lateral attachment for different usage modes.

5. OPERATING

The GRILLON lanyard offers versatility for work positioning, allowing users to adjust their position precisely and comfortably.

Double Mode (Work Positioning on the Belt)

In double mode, the GRILLON is used to distribute weight on the waist belt, providing stable support for work positioning.

1. Connect both ends of the GRILLON to the lateral attachment points of your harness using appropriate connectors.
2. Adjust the length by manipulating the self-jamming device to achieve the desired work position.
3. Ensure the lanyard is taut and provides stable support before applying full weight.

Image: User demonstrating GRILLON in double mode.

This image would show a user in a work positioning scenario with the GRILLON connected to both side D-rings of their harness, illustrating proper body posture and lanyard tension.

Single Mode (Work Positioning with Ventral Attachment)

In single mode, the GRILLON distributes weight between the waist belt and leg loops, often used for suspension or precise positioning.

1. Connect one end of the GRILLON to a suitable anchor point using a certified connector.
2. Connect the other end of the GRILLON to the ventral attachment point of your harness.
3. Adjust the length using the self-jamming device for precise positioning.

Image: User demonstrating GRILLON in single mode.

This image would show a user suspended or positioned with the GRILLON connected to a single anchor point and their harness's ventral attachment, demonstrating the adjustment process.

Length Adjustment

The self-jamming device allows for fine adjustment of the lanyard's length. To shorten, pull the free end of the rope. To lengthen, press the release lever on the device while maintaining control of the rope. Always ensure the device is properly locked and holding securely after adjustment. Never release the lever without maintaining control of the rope.

6. MAINTENANCE

Inspection

Before and after each use, thoroughly inspect the GRILLON lanyard for any signs of damage, wear, cuts, abrasion, or chemical contamination. Pay close attention to the rope, stitching, and the self-jamming device.

- Check the rope for fraying, cuts, excessive wear, or discoloration.
- Inspect stitching for loose threads, cuts, or damage.
- Verify the self-jamming device operates smoothly and locks securely without slippage.
- Examine the protective sheath for tears, punctures, or significant abrasion.

If any damage is found, or if there is any doubt about the product's condition, immediately remove it from service and have it inspected by a competent person or discard it according to manufacturer guidelines.

Cleaning

Hand wash the lanyard with mild soap (pH neutral) and lukewarm water (max 30°C / 86°F). Rinse thoroughly with clean water until all soap residue is removed.

Drying

Allow the lanyard to air dry completely in a shaded, well-ventilated area, away from direct sunlight, open flames, or heat sources. Do not use mechanical dryers.

Storage

Store the GRILLON in a cool, dry, dark place, away from chemicals, extreme temperatures, sharp objects, and sources of UV radiation. Avoid compressing the lanyard during storage.

7. TROUBLESHOOTING

Common Issues

- **Issue:** Lanyard not adjusting smoothly.
Solution: Check for dirt or debris in the self-jamming device. Ensure the rope is not twisted or snagged. Clean the device if necessary according to maintenance instructions. If the issue persists, remove from service.
- **Issue:** Lanyard appears worn or damaged.
Solution: Immediately remove from service. Do not use. Consult a competent person for inspection or replace the product. Never attempt to repair damaged PPE.
- **Issue:** Difficulty connecting to anchor/harness.
Solution: Ensure you are using compatible, certified connectors that meet relevant safety standards. Verify correct attachment points on the anchor and harness. Ensure connectors are fully closed and locked.

8. SPECIFICATIONS

Technical Data

Feature	Detail
Model	L52A003
Brand	PETZL
Material	Nylon, Polyester, Polyurethane, Rubber
Length	3 meters (as per product title)
Item Weight	1.1 Pounds (approx. 0.5 kg)
Care Instructions	Hand Wash Only
Intended Use	Work positioning systems, complement to fall-arrest systems

Note: Specifications are subject to change without notice. Always refer to the product's official technical notice for the most current information.

9. WARRANTY INFORMATION

Product Warranty

PETZL products are guaranteed for three years against any material or manufacturing defect. This warranty does not cover normal wear and tear, oxidation, modifications or alterations, incorrect storage, damage due to accidents, negligence, or uses for which the product is not intended. Proof of purchase is required for warranty claims.

For warranty claims, please contact your authorized PETZL dealer or PETZL customer service with your proof of purchase and a detailed description of the issue.

10. CUSTOMER SUPPORT

Need Assistance?

If you have any questions or require further assistance regarding your PETZL GRILLON Lanyard, please visit the official PETZL website or contact their customer support directly. Detailed technical notices and FAQs are often available online.

Website: www.petzl.com

Contact: Refer to the PETZL website for regional contact information, including phone numbers and email addresses.