

[Manuals.plus](#) /

> [SPYMINNPOO](#) /

> SPYMINNPOO Stop Descender Rope Clamp Grab for 9-13mm Ropes - Instruction Manual

SPYMINNPOO SPYMINNPOOan67fv3ydw

SPYMINNPOO Stop Descender Rope Clamp Grab

INSTRUCTION MANUAL

1. Product Overview

The SPYMINNPOO Stop Descender Rope Clamp Grab is a robust and lightweight device designed for controlled descent and positioning on ropes. Constructed from durable 7075 aviation aluminum, it features an advanced design for smooth operation, minimizing rope abrasion. This device is suitable for 9-13mm ropes and is ideal for various applications including rock climbing, mountaineering, and fire fighting operations.

Key features include a connecting hole for main lock attachment, a regulator for adjusting the rope grab size, and a block plate mechanism for enhanced grip and safety during ascent or descent.



Figure 1: Top view of the SPYMINNPOO Stop Descender Rope Clamp Grab, showing its overall structure and purple finish.

2. Safety Information

WARNING: Improper use of this equipment can result in serious injury or death. This device is intended for use by trained and competent individuals or under the direct supervision of a qualified instructor. Always read and understand all instructions before use.

- Before each use, inspect the device for any signs of damage, wear, cracks, or deformation. Discard if any damage is found.
- Ensure the rope used is within the specified diameter range of 9-13mm.
- Always double-check all connections and ensure they are properly secured before loading the system.
- Understand the function of the 'STOP' and 'GO' indicators and the regulator.
- This device has a tension force rating of 22KN (approximately 2200KG). Do not exceed this limit.
- Avoid contact with sharp edges, abrasive surfaces, or corrosive substances.
- Regularly inspect your ropes and other climbing gear for compatibility and condition.

3. Setup

1. **Rope Insertion:** Open the movable plate of the descender. Carefully thread the rope through the designated path, ensuring it passes correctly around the block plate and through the main body.
2. **Close the Device:** Securely close the movable plate, ensuring it locks into position. Verify that the rope is properly seated and cannot accidentally disengage.
3. **Connect to Main Lock:** Use a suitable carabiner or main lock to connect the descender's connecting hole to your harness or anchor point. Ensure the carabiner is properly locked.
4. **Initial Check:** Before applying full weight, perform a gentle test to ensure the rope moves smoothly and the device engages as expected.



Figure 2: Close-up view of the descender showing rope diameter compatibility (Ø9-13MM) and directional markings ('UP', 'STOP', 'GO').

4. Operating Instructions

The descender is designed for controlled movement along a rope. The 'STOP' and 'GO' indicators guide its operation.

- **Descent (GO):** To descend, apply controlled pressure to the lever or handle, allowing the rope to feed through the device. The amount of pressure dictates the speed of descent. Release the lever to slow down or stop.
- **Stop (STOP):** When the lever is released, the device automatically engages the rope, creating friction to stop movement. Ensure the device is fully engaged before removing hands.
- **Adjusting Rope Grab:** The regulator allows for fine-tuning the grip on the rope. Adjust it to achieve the desired friction and control based on rope diameter and personal preference. A tighter setting provides more friction, while a looser setting allows for smoother movement.
- **Ascent:** While primarily a descender, the block plate's friction can assist in upward movement when used in conjunction with other ascending devices. The 'UP' arrow indicates the direction for upward rope movement.



Figure 3: View highlighting the regulator mechanism used to adjust the grip between the rope grab and the rope.

5. Maintenance

- **Cleaning:** Clean the device with fresh water and mild soap after use, especially if exposed to dirt, salt water, or other contaminants. Rinse thoroughly and allow to air dry completely.
- **Inspection:** Regularly inspect all components for wear, corrosion, cracks, or deformation. Pay close attention to areas of high friction. Any device showing significant wear or damage must be retired immediately.
- **Storage:** Store the descender in a cool, dry place, away from direct sunlight, chemicals, and extreme temperatures. Avoid storing it with sharp objects that could cause damage.
- **Lubrication:** No lubrication is required for this device.

6. Troubleshooting

- **Rope not moving smoothly:** Ensure the rope is correctly threaded and not twisted. Check the regulator setting; it might be too tight. Inspect the rope for damage or excessive stiffness.
- **Difficulty stopping:** Verify the rope diameter is within the 9-13mm range. Adjust the regulator to a tighter setting to increase friction. Ensure the device is clean and free of debris that might reduce friction.
- **Device feels loose:** Check all pivot points and connections for proper assembly. Ensure the movable plate is fully closed and secured.

7. Specifications

Material	7075 Aviation Aluminum
Color	Purple

Tension Force	22KN (approx. 2200KG)
Rope Compatibility	9-13mm
Weight	Approx. 175g
Item Package Dimensions	4.33 x 2.76 x 0.79 inches

8. Warranty and Support

This SPYMINNPOO product comes with a manufacturer warranty for 90 days from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accidents, unauthorized modifications, or improper maintenance.

For warranty claims, technical support, or any questions regarding the use of this product, please contact SPYMINNPOO customer service through your retailer or the official brand channels.