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MANUAL: GreenStab STABILIZATION TOOLS



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WELCOME

Thank you for purchasing our Greenstab stabilization kit. Please read this manual carefully before using the product. This range has been specially designed for road rescue extrication interventions. Please refer to the user manual for proper use of this device!

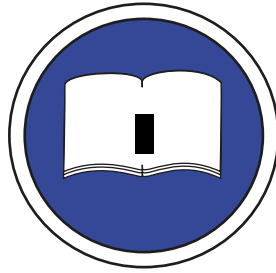
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1.0 GENERAL INFORMATION



The Greenstab® stabilization strut should only be deployed by individuals who have read this manual.

Thank you for purchasing this Scorpe Technologies product. This manual aims to explain how to use our product, how to maintain it, and ensure its upkeep. This manual is an integral part of the product and must be kept in a location known to the personnel, accessible at all times. To ensure your safety, the safety of others, and guarantee the longevity of the product, we ask that you strictly adhere to the instructions noted herein.

Every user or operator who will use our product must have read and understood this manual. This manual must remain available to anyone who will use or handle our product.

This manual provides important remarks about handling the Greenstab®. Safe operation involves following all defined safety guidelines and handling instructions. Additionally, local accident prevention regulations in effect at the equipment's place of use and general safety provisions must also be followed.

All elements in this manual (information, technical specifications, graphics, and illustrations) are based on the latest information available at the time of writing.

In addition to carefully reading this manual, we recommend that you contact our qualified trainer who will train you in the use of rescue equipment (usage possibilities, usage strategy, etc.).

1.1 EXPLANATION OF SYMBOLS

In this manual, warnings are accompanied by symbols. The different instructions begin with signal terms that emphasize the extent of the danger.

These instructions must be strictly followed to avoid accidents, injuries, and material damage.



Danger !

Indicates the presence of an immediate danger which, if not avoided, can lead to serious or even fatal injuries.



Caution

Indicates the presence of a potential danger which, if not avoided, can cause minor or slight injuries.



Warning

Indicates the presence of a potential danger which, if not avoided, can cause material damage.



Remark

Highlights useful advice and recommendations, as well as information for effective and proper use.

1.2 LIMITATION OF LIABILITY AND WARRANTY

All information and instructions in this manual have been compiled taking into account current standards and regulations, the latest technical developments, as well as our knowledge and experience gained over many years.

The stabilization prop should only be used for stabilization purposes. It is not suitable for lifting or moving loads.

The manufacturer disclaims any liability, and the warranty shall not apply to damages occurring in the following circumstances:

- Non-compliance with the instructions
- Damage due to misuse of the product as defined by Scorpe Technologies (for example, for an unauthorized use not validated by Scorpe Technologies).
- Intervention by unqualified personnel
- Product modification in any form
- Technical modifications
- Use of unauthorized spare parts
- Damage caused by the use of defective, incompatible, or unrecognized parts or accessories by Scorpe Technologies.

Due to the existence of special versions and possible technical modifications, the equipment delivered to you may vary slightly from the explanations and illustrations described in this manual.



Remark

For further information, images, and diagrams, please visit our website.

1.3 COPYRIGHT

All elements of this manual (text, illustrations, diagrams, and photos) may be used without restriction and without the need for prior authorization.

1.4 AFTER-SALES SERVICE

If you require assistance, please do not hesitate to contact our after-sales service. The contact details for the after-sales service can be found on our website: www.scorpe.net

To reach our customer service by phone, please call: +33 (0)3 26 84 70 94.
The fax number is: +33 (0)3 26 08 24 11

For any equipment returns, please contact our after-sales service who will provide you with the return procedure and the address to which the equipment should be returned.



Remark

When contacting our after-sales service, please specify the designation, type, and year of construction of the equipment. This information can be found on the equipment's name-plate.

2.0 SAFETY

This section of the manual provides a comprehensive overview of all important safety aspects, ensuring optimal protection of operating personnel as well as safe and flawless equipment operation.

Failure to comply with the handling and safety instructions in this manual may result in significant hazards.

2.1 PROPER USE

The equipment of the entire Greenstab® set has only been designed and tested for use in accordance with the specified application areas described here.

All other activities are strictly prohibited.

- The stabilization strut has been designed to be used by a single person.
- Stabilization equipment is only intended for stabilizing vehicles overturned on their side, roof, and truck cabins.

- For vehicle stabilization, it is necessary to use the head tool adapted to the shape to which you want to secure it.
- During use, ensure that the 30° indication on the body of the strut is parallel to the ground.
- The green plate of the Greenstab® should be used in case of loose terrain to prevent the strut from sinking into the ground.



Warning

Any use of the equipment beyond the limits of proper use and/or divergent from these instructions can lead to dangerous situations! Therefore, it is imperative to observe the following instructions: the equipment should only be used for the aforementioned purposes.

2.2 OPERATOR RESPONSIBILITY

In addition to the workplace safety instructions provided in this manual, all safety, accident prevention, and environmental protection measures applicable to the equipment's usage area must be observed. In particular:

- The operator must inquire about the workplace safety regulations and assess the subsidiary risks arising from the specific working conditions at the equipment installation site.
- The operator must clearly regulate and determine the skills required for installation, operation, maintenance, and cleaning.
- The operator must ensure that all personnel handling the equipment have fully read and understood the manual.
- Furthermore, they must regularly organize personnel training and inform them about the hazards associated with using the equipment.

It is the operator's responsibility to ensure the equipment is in impeccable condition.

2.3 PERSONNEL

In this manual, the following qualifications are designated for different areas of activity:

- Qualified Person: a person trained by the operator regarding possible hazards related to their tasks in case of incorrect behavior.
- Specialized Personnel: personnel who, due to their specialized training, knowledge, and experience, as well as their mastery of the manufacturer's provisions, are able to assume their assigned tasks and recognize potential hazards themselves.



Warning

Risk of injury in case of insufficient qualification! Any improper handling of the equipment can result in bodily and material damage. Specific activities should only be entrusted to persons mentioned in the corresponding chapters of this manual. In case of doubt, consult a specialist immediately.

2.4 ÉQUIPEMENT DE PROTECTION INDIVIDUELLE

When handling rescue equipment, it is essential to wear personal protective equipment (PPE) to reduce the risk of injuries. **Failure to wear this equipment can result in serious injuries.**



During all work, wearing safety clothing is mandatory. Wear close-fitting work clothes with narrow sleeves and no protruding parts. These clothes primarily provide protection against moving parts of the equipment.



For protection against falling heavy parts and to prevent slipping on slippery floors, always wear safety shoes with steel toe caps.



Pour la protection contre les arêtes vives et les bris de verre, porter des gants de travail durant l'exploitation des équipements.



For protection against projections and falling parts, as well as glass breakage, it is imperative to wear a helmet with a visor.



In addition to the visor, wearing safety goggles is mandatory for eye protection against flying debris.

During specific tasks, also wear the following items:



For protection against hearing impairment, wearing hearing protection is mandatory in addition to the basic protective equipment.

2.5 BEHAVIOR TO FOLLOW

Preventive Measures:

- Always be prepared for accidents.
- Define a safety perimeter that allows for quick, unimpeded, and calm operation.
- Conduct training sessions to acquire the necessary skills for deploying the equipment.
- Keep first aid equipment (first aid kit, blankets, etc.) within reach.
- Familiarize personnel with accident signaling, first aid, and rescue devices.
- Ensure that access routes reserved for rescue vehicles are always clear.

In Case of an Accident:

- Immediately take the equipment out of service.
- Initiate first aid measures.
- Evacuate people from the danger zone.
- Inform the site supervisors.
- Notify a doctor and/or firefighters.
- Clear access routes reserved for rescue vehicles.

3.0 TECHNICAL SPECIFICATIONS

Minimum length	1064 mm
Maximum length	1804 mm
Footprint	92x245 mm
Weight	6,5 kg
Strap length	5 m
Maximum load	2 T - 20 kN

For any other information, please refer to the product data sheets available on our website www.scorpe.net.

4.0 FUNDAMENTAL PRINCIPLE

Deploy the Greenstab® and place it at a 30° angle as indicated on the strut. Attach the hook located on the tension strap to a fixed point as low as possible. Choose one of the 3 head tools provided with the Greenstab® that is most suitable for your situation. Tighten the strap using the ratchet tensioner on the stabilizing foot. This forms a triangle, and a small part of the vehicle's mass moves towards the bottom of the stabilizing foot. The vehicle's mass is thus distributed over a wider base. This triangle is the basic principle of the stabilization system.

5.0 COMPOSITION

The Greenstab® stabilization kit consists of a carrying bag, two stabilizing struts, a green anti-slip plate, a 5m extension, and a 20cm connector.

Protective sleeve

To be positioned at the level of sharp or hot parts

Slide release button

Allows the slide to be released for storage

Ratchet tensioner

Rotating head
3 possible positions

Stabilization foot
Rotation of 90°

The securing hook
To be fixed as low as possible



6.0 OPERATION

Stabilization foot:

Extend the telescopic slide by pulling on the upper part until the desired length is reached among its 18 available positions.

Retract the telescopic slide by pressing the green button until it stops at the lowest position.

Ratchet tensioner:

To tighten: Raise and lower the handle.

To loosen: Lower the handle, pull the tab in the center of the handle, then pull on the strap to loosen it. Finally, store the handle in the upright position.

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Rotating head:

To unlock: Simultaneously press the 2 buttons located on the sides of the head, use your other hand to rotate the head. Rotation works in both directions.

To lock: Release the 2 buttons on the sides of the head, rotate the head, and wait to hear a "click." The head is now locked.

5-meter extension:

To use the extension, detach the main strap from the strut using the quick release, then attach the extension to the main strap and the strut.

20 cm connector:

To use the connector, detach the main strap from the strut on both struts using the quick release, then attach the connector to the main strap of the 1st and 2nd strut.

7.0 MAINTENANCE AND INSPECTION

After each use:

Complete system: Clean with a soft brush and a dry cloth. Dry the strut with a cloth if it becomes wet after use. Visual inspection for any damage.

Straps: Clean with a soft brush. Visual inspection for any damage. In case of doubt or cracking, immediately replace the strap.

Stabilization foot, head of the Greenstab®, tools, wedge, and main strap such as extensions: Inspection according to the applicable rules for lifting equipment.

All defects and damages must be repaired directly with original spare parts. Immediately address any corrosion issues.

8.0 KEYPOINTS DURING INTERVENTION



Warning

During victim extrication, stabilization must be continuously monitored. Pay attention to the following:

- Tension of the strap. If necessary, ensure it is tightened appropriately.
- Sinkage of the foot into the ground. If needed, add the green plate underneath the foot.
- Slippage of the jack head.
- Secure attachment of the hook to the vehicle.

Après l'utilisation :



Warning

In the case of a vehicle immobilized on its roof, simultaneously release the straps on both sides.

- Loosen the straps using the ratchet tensioner.
- Fold the telescopic bars.
- During storage, ensure that all components are complete.
- Clean and inspect the entire set following the instructions in the "Maintenance and Inspection" chapter.

8.1 VEHICLE STABILIZATION ON ITS SIDE

Place the first stabilizing foot at the front-lower side of the vehicle (engine side). Extend the foot and tilt it to 30°. Attach the hook to the vehicle, as low as possible. Do not attach the hook to moving parts such as shock absorbers, suspension arms, etc.



Warning

When tensioning the strap, ensure the vehicle is stable and will not tip over.

Place the second foot on the front-upper side (hood). Extend the foot and angle it at 30°. Secure the hook to the vehicle as low as possible. Slide the protective sleeve over any sharp or high-temperature parts to protect the strap. Pull the tension strap using the ratchet until it is taut.



Warning

If possible, open the hood first and look for a secure point to hook the hook.

Tighten both sides, ensuring that both straps are taut.



Warning

Do not lift the vehicle.

8.2 VEHICLE STABILIZATION ON THE ROOF

Place the first stabilization foot on the rear left part of the vehicle. Deploy the foot and tilt it at a 30° angle. Locate a fixed point (1) inside the trunk, (2) in the window groove at the back of the vehicle, or (3) using a tool, make a cut on the side of the vehicle. Secure the hook.

Place the second stabilization foot on the rear right part of the vehicle. Deploy the foot and tilt it at a 30° angle. Locate a fixed point (1) inside the trunk, (2) in the window groove at the back of the vehicle, or (3) using a tool, make a cut on the side of the vehicle. Secure the hook.



Warning

Always attach the hook to the vehicle's bodywork; never attach it to moving parts such as wheels, suspension, or shock absorbers. Slide the protective sleeve over any sharp or high-temperature parts to protect the strap. Pull the tension strap using the ratchet tensioner until it is tight.

Continue tensioning on both sides until the weight of the vehicle rests on both stabilization feet. Ensure that both straps are tight.



Caution

Do not lift the vehicle.

DANGER: If the support is wet, the vehicle may slide forward during the stabilization process and intervention. To prevent this risk, place a wedge in front of the vehicle, under the hood.

9.0 NOTES
